SUPREME COURT OF THE UNITED STATES

IN THE SUPREME COURT OF THE	UNITED STATES
	_
FACEBOOK, INC., ET AL.,)
Petitioners,)
v.) No. 23-980
AMALGAMATED BANK, ET AL.,)
Respondents.)

Pages: 1 through 112

Place: Washington, D.C.

Date: November 6, 2024

HERITAGE REPORTING CORPORATION

Official Reporters
1220 L Street, N.W., Suite 206
Washington, D.C. 20005
(202) 628-4888
www.hrccourtreporters.com

1	IN THE SUPREME COURT OF THE UNIT	FED STATES
2		-
3	FACEBOOK, INC., ET AL.,)
4	Petitioners,)
5	v.) No. 23-980
6	AMALGAMATED BANK, ET AL.,)
7	Respondents.)
8		-
9		
LO	Washington, D.C.	
L1	Wednesday, November	6, 2024
L2		
L3	The above-entitled matter of	came on for
L4	oral argument before the Supreme (Court of the
L5	United States at 10:03 a.m.	
L6		
L7	APPEARANCES:	
L8	KANNON K. SHANMUGAM, ESQUIRE, Wasl	nington, D.C.; on
L9	behalf of the Petitioners.	
20	KEVIN K. RUSSELL, ESQUIRE, Washing	gton, D.C.; on behalf
21	of the Respondents.	
22	KEVIN J. BARBER, Assistant to the	Solicitor General,
23	Department of Justice, Washing	gton, D.C.; for the
24	United States, as amicus curia	ae, supporting the
25	Respondents.	

1	CONTENTS	
2	ORAL ARGUMENT OF:	PAGE:
3	KANNON K. SHANMUGAM, ESQ.	
4	On behalf of the Petitioners	3
5	ORAL ARGUMENT OF:	
6	KEVIN K. RUSSELL, ESQ.	
7	On behalf of the Respondents	50
8	ORAL ARGUMENT OF:	
9	KEVIN J. BARBER, ESQ.	
10	For the United States, as amicus	
11	curiae, supporting the Respondents	81
12	REBUTTAL ARGUMENT OF:	
13	KANNON K. SHANMUGAM, ESQ.	
14	On behalf of the Petitioners	108
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		

1	PROCEEDINGS
2	(10:03 a.m.
3	CHIEF JUSTICE ROBERTS: We will hear
4	argument this morning in Case 23-980, Facebook
5	versus Amalgamated Bank.
6	Mr. Shanmugam.
7	ORAL ARGUMENT OF KANNON K. SHANMUGAM
8	ON BEHALF OF THE PETITIONERS
9	MR. SHANMUGAM: Thank you, Mr. Chief
LO	Justice, and may it please the Court:
L1	The Ninth Circuit has adopted an
L2	outlying rule that threatens to create a
L3	sweeping regime of securities liability for
L4	omissions. The Ninth Circuit held that a risk
L5	disclosure can be misleading simply because a
L6	company does not disclose that the specified
L7	triggering event for the risk had occurred in
L8	the past.
L9	That holding was incorrect. A risk
20	disclosure warrants that a type of event may
21	cause harm in the future. It usually makes no
22	representation that the event had never
23	previously occurred.
24	The Ninth Circuit's approach would
) E	twiczen genieus gengema abeut eren digalegune

- 1 and fraud by hindsight, and this Court should
- 2 reject it.
- Instead, the Court should adopt a
- 4 similar approach to the one it took for
- 5 statements of opinion in Omnicare. There, the
- 6 Court held that statements of opinion were
- 7 ordinarily not actionable as false statements,
- 8 but the Court recognized that a statement of
- 9 opinion could be misleading based on an embedded
- 10 representation about how the speaker formed the
- 11 opinion.
- 12 So too here, depending on the content
- of the statement, a forward-looking risk
- 14 disclosure can be misleading based on an
- 15 embedded premise about the current state of
- 16 affairs. But just as a statement that the road
- 17 may be flooded if it rains cannot be misleading
- 18 simply because it rained yesterday, a typical
- 19 risk disclosure cannot be misleading simply
- 20 because the triggering event had occurred in the
- 21 past.
- 22 Under the correct approach, this case
- is an easy one. Meta's warnings that business
- 24 harm could result in the event of data misuse
- did not imply that Meta had never previously

- 1 suffered such misuse. But, in any event, the
- 2 initial misuse of the data had been publicly
- 3 reported by the time Meta made the statements at
- 4 issue, and Respondents have abandoned any claim
- 5 based on the continued misuse of the data. And
- 6 far from being virtually certain to cause a risk
- of harm to Meta's business, the initial misuse
- 8 of the data did not result in any harm when it
- 9 was publicly reported.
- 10 Under any approach other than the
- 11 Ninth Circuit's, Petitioners are entitled to
- 12 prevail. The judgment of the court of appeals
- 13 should be reversed.
- I welcome the Court's questions.
- 15 JUSTICE THOMAS: But the -- this is --
- 16 this case isn't about harm at this stage, is it?
- 17 MR. SHANMUGAM: So the risk disclosure
- in this case, Justice Thomas, warned about harm,
- 19 harm to Meta's business or reputation.
- JUSTICE THOMAS: But I thought the --
- 21 the district court only focused on falsity or
- 22 misleading -- whether or not this was false or
- 23 misleading.
- MR. SHANMUGAM: Oh, that is correct.
- 25 So this is not about injury to the plaintiffs or

- 1 any of the other elements. This is about the
- 2 element of falsity.
- 3 Our point is simply that when you look
- 4 at what this risk disclosure is warning about,
- 5 it is warning about harm to business or
- 6 reputation.
- 7 JUSTICE THOMAS: Well, but the problem
- 8 is that the -- a reasonable person could look at
- 9 the statement and assume that because it only
- 10 talks about future probabilities of -- of this
- 11 harm or this event occurring, that it never
- 12 occurred. It's not -- and there, you also have
- 13 another 105 statement in which you do discuss
- 14 past events.
- So why wouldn't one be able to read
- this and assume that it never happened?
- 17 MR. SHANMUGAM: Sure. So a couple
- 18 points in response to that, Justice Thomas.
- 19 The first is that we don't think that
- 20 a reasonable person would draw that inference
- 21 from a statement of this variety. Where a
- 22 statement says, if something occurs, harm may
- follow from that, I don't think it's a necessary
- 24 premise of that statement that the event has
- 25 never occurred. And yet, that is the

- implication of Respondents' and the government's
- 2 position, subject only to the caveat that if the
- 3 omitted information is immaterial, which is, of
- 4 course, a separate element, it would not
- 5 qualify.
- 6 Now I do want to say one other thing
- 7 in response to your question, which is that the
- 8 context matters. This Court has made clear,
- 9 most recently in Omnicare, that when you apply
- 10 the reasonable investor standard, you assume
- 11 that the reasonable investor is aware of the
- 12 context, the regulatory framework, and so forth.
- 13 As we explain in our brief, these Item
- 14 105 disclosures serve a very specific purpose.
- 15 They warn about the types of risks that a
- 16 particular company will face in the future so
- 17 that investors are on notice of the types of
- issues that the company might face.
- 19 JUSTICE THOMAS: Why would you include
- in your 105 a past statement?
- 21 MR. SHANMUGAM: So I think Item 105
- 22 disclosures can include references to past
- events, and, of course, where those references
- 24 are incorrect, you can have a claim for the
- 25 statement being false or misleading.

1	But, to the extent that my friends on
2	the other side and particularly the government
3	point to the fact that there are certain
4	examples given of breaches that have taken place
5	in the past, we don't think that any negative
6	inference can be drawn from that about the
7	particular type of episode that occurred here.
8	We think that those disclosures
9	connote breadth. They convey that there are
LO	many types of ways in which parties can access
L1	data improperly. And, again, the whole point of
L2	this disclosure is to put investors on notice
L3	that this may happen in the future.
L4	And I would add
L5	JUSTICE KAGAN: Well, let's
L6	MR. SHANMUGAM: one other
L7	contextual point if I could make it very
L8	quickly, which is that it's important to keep in
L9	mind that at the very beginning of the 10-K, at
20	Joint Appendix 410, Meta warns that statements
21	that include words like "may" are intended to
22	identify forward-looking statements.
23	JUSTICE KAGAN: So if I could give you
24	a hypothetical, and it's a modified version of
) E	one of the himsthaticals that is in the briefs

1	If I say to you a fire occurs at our
2	production plant, our ability to meet our
3	production and sales targets could be impaired,
4	all right, and, in fact, there had been a
5	significant fire at the production plant,
6	completely destroying it, where does that ho
7	does that come out on your view?
8	MR. SHANMUGAM: So I think, if there
9	were no longer a production plant by virtue of
LO	the fire, that you would be contravening an
L1	implied premise of the statement, which is that
L2	the production
L3	JUSTICE KAGAN: So that's what I
L4	understood your brief to say, so I'm not
L5	MR. SHANMUGAM: Yes.
L6	JUSTICE KAGAN: surprised by that.
L7	So what if instead there was a fire
L8	and it destroyed 50 percent of the production
L9	capacity of the plant?
20	MR. SHANMUGAM: So I would say no
21	misrepresentation in that instance, and let me
22	explain why. I think that the difference is
23	that there is no implied representation that
24	there have not been fires at the plant in the
25	past. I think the only implied representation

- 1 is that there is a plant.
- Now you can change the language --
- JUSTICE KAGAN: Well, I -- I think
- 4 that that -- that's not really the way we
- 5 communicate. I mean, if you think of the
- 6 typical investor and you say in the first
- 7 version of the hypothetical, yes, the typical
- 8 investor would think it's kind of misleading for
- 9 you to make this statement that's framed
- 10 entirely in a hypothetical if, in fact, there's
- 11 no more plant and no more production capacity,
- so too the reasonable investor is going to say,
- 13 well, if there's been such substantial damage to
- 14 a plant that production capacity is operating at
- 15 50 percent or 30 percent or 10 percent, you
- 16 know, that too is going to be of interest to the
- investor for the exact same reason.
- 18 And I guess what that suggests to me
- 19 is that this inquiry is more contextual than
- 20 your position allows for.
- MR. SHANMUGAM: Well, I think, as I
- indicated at the outset, that our position is
- 23 the one that is sensitive to context. The
- wording of the statement really matters because,
- 25 after all, as the Court indicated in the opinion

- in Omnicare, when you're engaged in this
- 2 analysis, you are looking closely, if necessary,
- 3 at both the language of the statement and the
- 4 context.
- 5 I -- and I recognize that your
- 6 hypothetical gets very close to the actual edge
- 7 case because you could posit an example where
- 8 the factory has been so greatly damaged that it
- 9 is as if the factory doesn't exist.
- 10 JUSTICE KAGAN: Well, it was meant to
- 11 be a hard hypothetical.
- 12 MR. SHANMUGAM: Well, I --
- JUSTICE KAGAN: I grant you that. But
- 14 I think you could come up with a lot of those,
- 15 where there's not an embedded statement of the
- 16 kind that you're saying is necessary. It's
- like, you know, we said there's a plant and
- there's not a plant. It's not a black-and-white
- 19 thing in that, but -- but it is clearly
- 20 misleading.
- 21 And -- and when we think about these
- 22 questions, we're not looking only to lies,
- 23 right, or to, you know, complete false
- 24 statements. We're also looking to misleading
- 25 statements or misleading omissions as the case

- 1 may be.
- 2 And this seems -- you know, the
- 3 hypothetical is meant to suggest that there are
- 4 a range of ways in which these forward-looking
- 5 statements can be misleading as to things that
- 6 have occurred in the past.
- 7 MR. SHANMUGAM: And I actually
- 8 completely agree with that, and I think that our
- 9 approach takes account of that context. It does
- 10 require scrutiny of the statement.
- I would submit that the other side's
- 12 approach does not. And -- and let me at least
- describe what I understand the other side's
- approach to be, and Mr. Russell and Mr. Barber
- 15 can explain if I'm incorrect about this.
- 16 I understand their position to be that
- whenever you have an if/then statement of this
- variety, which is a pretty paradigmatic form of
- 19 statement in a risk disclosure, that the "if"
- 20 carries with it an implied representation that
- 21 the specified triggering event has not
- 22 previously occurred, subject only to the caveat
- 23 that it has to be material.
- Now let me explain why I think that
- 25 can't be right with a tangible example. If you

- 1 take a look at Meta's 10-K and the risk
- disclosures in that 10-K, which are voluminous,
- 3 on page 441, the risk disclosure states that:
- 4 Unfavorable media coverage could negatively
- 5 affect our business. And that is the equivalent
- of an if/then statement: If we suffer
- 7 unfavorable media coverage, that could
- 8 negatively affect our business.
- 9 I don't think anyone would infer from
- 10 that that Meta has never previously suffered
- 11 unfavorable media coverage. And, if you read
- 12 the entirety of the risk disclosures, it's sort
- of replete with examples like that.
- JUSTICE JACKSON: But, Mr. Shanmugam,
- 15 I -- I guess what concerns me a little bit is I
- don't know if your position is appreciating the
- 17 fact that past occurrences, past triggering
- 18 events, can still lead to future harm and that
- what is misleading is the suggestion, when you
- 20 make your statement completely futuristic, that
- 21 no such future harm is going to occur.
- 22 So let me give you an example that I
- 23 hope will clarify this. So suppose a realtor is
- 24 speaking to a potential buyer about a house --
- and I think there was some house examples in

- 1 your briefing -- and he says: If crime goes up
- 2 in this area, homeowners insurance could become
- 3 more expensive.
- The triggering event would be crime,
- 5 and the harm would be more expensive homeowners
- 6 insurance. Both of those things in the
- 7 futuristic statement are happening in the
- 8 future.
- 9 Wouldn't it be misleading to make this
- 10 statement if a string of burglaries had actually
- 11 happened that month? The homeowner has no way
- 12 of knowing that. The realtor knows that. And,
- 13 at the time the statement is made, homeowners
- insurance has actually already shot up two times
- 15 higher than before.
- 16 What I'm suggesting is it's misleading
- 17 because the homeowner is making a determination
- of the risk of buying this property and paying a
- 19 certain amount of homeowners insurance. And,
- when you say your statement totally
- 21 futuristically, as though that has -- the
- burglaries never happened, they're
- 23 miscalculating. They're being misled into
- 24 making that calculation.
- 25 MR. SHANMUGAM: Justice Jackson, I

1 would make three points in response to that. 2 The first is that I don't think that 3 that statement would be misleading because I think you have to parse carefully the language 4 of the statement. And I think, if somebody 5 6 says, if crime goes up, some consequence could 7 occur, I think the natural implication of that is if crime goes up from where it is now. 8 9 But that having been said, I want to acknowledge, I think --10 JUSTICE JACKSON: But, I mean, isn't 11 12 the whole point -- the whole point of these risk disclosure statements, as I think you admitted, 13 14 is that the person who is hearing them is trying 15 to determine whether there's going to be a 16 future harm to their business investment, right? 17 I mean, isn't that what they're doing? 18 MR. SHANMUGAM: I would slightly 19 disagree with that. I think the point of these risk disclosures, as the SEC itself has made 20 21 clear, is to warn prospectively about the types 2.2 of risks that a company would face. 23 And a perverse consequence of the 24 other side's approach here is that a company could effectively penalize --25

1 JUSTICE JACKSON: But why? Why -- but 2 can I just ask you why? Why are you warning 3 about the types of risks? Isn't it because the investor is trying to determine that if any of 4 those risks happen, it's going to be a problem 5 for the investment? 6 7 MR. SHANMUGAM: Yes, but a company is not ordinarily making any warranty about the 8 9 probability of the risk occurring. And the way 10 in which these statements are framed really 11 bears that out. 12 Now I do want to acknowledge something 13 that I think is underlying your hypothetical and 14 was also underlying Justice Kagan's 15 hypothetical. 16 In many of these cases, the omitted 17 information is something that an investor might 18 like to know. I think we would acknowledge that 19 in these hypotheticals, the omitted information 20 may be material. 21 But the problem with the other side's 2.2 approach is that it really conflates materiality 23 with falsity, and while both of those elements 24 start from a reasonable investor, they measure 25 very different things.

1	Materiality focuses on the omitted
2	information, whether it is something that in
3	this Court's words would be important to an
4	investor's decision about whether or not to
5	invest.
6	I think the falsity or material or
7	misleadingness inquiry focuses on the statement
8	itself: What does the statement connote is
9	JUSTICE KAVANAUGH: What what other
10	disclosure requirements are out there about past
11	events that are relevant to assessing this?
12	MR. SHANMUGAM: Well, there are many,
13	many. And I do think that this Court can write
14	an opinion that sort of draws a square around
15	Item 105 disclosures because, while those are
16	intended to be forward-looking, to warn about
17	types of risks, you have Item 101, which
18	requires a description of the business, you have
19	Item 106, which is a very specific and recent
20	item included in Regulation S-K to warn about
21	cybersecurity events, and you also have Item
22	303, which this Court is well familiar with from
23	the Macquarie case last spring, which is the
24	Management Discussion & Analysis section, which
25	requires broad disclosures about known trends

- 1 and uncertainties. 2 And I would further add --3 JUSTICE KAVANAUGH: So, on the 50 percent hypothetical, if the 50 -- 50 percent 4 of the plant capacity's been destroyed in the 5 past, is there a -- a disclosure requirement 6 7 that could encompass that that's separate from the one before us? 8 MR. SHANMUGAM: I think it could be 9 10 relevant to, for instance, the description of 11 the business if the company talks about its 12 facilities there. And a company also has a requirement to update, under Form 8-K, when 13 14 there have been material changes to the 15 company's business. 16 There are a panoply of these
- requirements, but we rely on them really simply
 to make the point that if the SEC ever judges
 that there needs to be explicit disclosures
 about a particular type of past or present
 event, the SEC has the power to promulgate all
 necessary and appropriate disclosure
 requirements.
- 24 CHIEF JUSTICE ROBERTS: That's what
- 25 I --

1	JUSTICE ALITO: Mr. Shanmugam
2	CHIEF JUSTICE ROBERTS: I'm having
3	a little trouble with the question I think
4	you're you're actually addressing in terms of
5	the relationship between 105 and the rest of it.
6	I mean, is your position basically
7	that: Don't worry about half-truths under 105
8	because the basic problem is already going to be
9	disclosed under other provisions?
LO	MR. SHANMUGAM: That isn't our
L1	submission, Mr. Chief Justice. We certainly
L2	acknowledge that there can be circumstances in
L3	which even Item 105 disclosures can be
L4	misleading.
L5	And we agree on many of the
L6	hypotheticals that Respondents and the
L7	government set out in their briefs, primarily
L8	because those are statements that contain
L9	implied representations of one sort or another.
20	I simply want to make the point that I
21	think the great risk of accepting Respondents'
22	and the government's approach and upholding the
23	Ninth Circuit's decision, which, again, is an
24	outlier in that it requires disclosure of
25	previous occurrences of the triggering event

- 1 without any assessment of how likely the risk is
- 2 to occur, I think the great danger is that it
- 3 would really convert these disclosures, which,
- 4 again, identify types of risks that companies
- face, into disclosures of laundry lists of past
- 6 occurrences, which companies would presumably --
- JUSTICE SOTOMAYOR: Counselor --
- 8 MR. SHANMUGAM: -- have to keep
- 9 updating.
- 10 JUSTICE SOTOMAYOR: -- you keep
- 11 accusing the Ninth Circuit of an absolute rule,
- 12 but I'm hearing your absolute rule. Your
- absolute rule is -- or categorical rule, you say
- it in your brief at page 19: "Risk disclosures
- under 105 make no implied representation about a
- 16 company's past experiences."
- 17 Later, you say: "Forward-looking risk
- disclosures do not make any implied assertion
- 19 about previous events and the present risk of
- 20 harm they create."
- 21 So you're -- you want a different
- 22 categorical rule. You say it's contextual, but
- the only context you're looking at is whether
- there's a misrepresentation, not a misleading
- 25 representation. I think that's the question

- 1 that Justice Kagan was asking you.
- 2 If you take it out -- you're -- you're
- 3 shaking your head yes. You're saying it has to
- 4 be an explicit or implicit misrepresentation.
- 5 But there's no such thing as having a misleading
- 6 represent -- misrepresentation with risk
- 7 disclosures. Isn't that what you're arguing?
- 8 MR. SHANMUGAM: So, Justice Sotomayor,
- 9 I think no litigant before this Court likes to
- 10 be accused of having a categorical rule, but let
- 11 me explain to you --
- 12 JUSTICE SOTOMAYOR: No, but you're
- smiling because I think that's what you want.
- MR. SHANMUGAM: No. I don't -- I -- I
- think we want a rule that goes like this. I
- think, when you have a bare if/then statement
- 17 like the statements at issue here, which
- 18 essentially boil down to the proposition, if
- 19 there is an episode of data misuse, Facebook may
- 20 suffer harm to its business or reputation, then,
- 21 in that circumstance, there is no implied
- 22 representation without more about whether or not
- data misuse has occurred in the past. It is no
- 24 different from the adverse publicity example
- from the 10-K or any number of other examples.

- 1 But --
- 2 JUSTICE SOTOMAYOR: Could I stop you
- 3 there?
- 4 MR. SHANMUGAM: Yes.
- 5 JUSTICE SOTOMAYOR: All right. Let's
- 6 go to these statements, okay? I'm going to
- 7 start with the one that says: If third parties
- 8 or developers fail to adopt adequate data
- 9 security practices, something could happen in
- 10 the future.
- 11 But that misleading statement is
- 12 omitting the critical information that Meta had
- 13 failed to implement adequate practices to
- 14 prevent third parties from misusing its data.
- 15 It had already happened. A third party had
- 16 disclosed it, failed to disclose how many
- 17 millions of -- of user information?
- 18 MR. SHANMUGAM: It's alleged to be
- 19 around 30 million --
- 20 JUSTICE SOTOMAYOR: And failed --
- 21 MR. SHANMUGAM: -- which was in the
- 22 Guardian article.
- JUSTICE SOTOMAYOR: -- and failed to
- 24 destroy those records, as it represented it had.
- 25 So why isn't that a misleading statement?

1 MR. SHANMUGAM: So several points in 2 response to that, Justice Sotomayor, and I think it's telling that when you look at Respondents' 3 and the government's brief, they don't even 4 really try to identify the statements that are 5 6 at issue here. They just want to talk about why 7 the omitted information matters. 8 Let's leave that aside. I'm happy to 9 join issue on the statements here. The statement you're referring to, which is at the 10 11 bottom of page 10 of our opening brief, is 12 identified as Statement 24 in the complaint. I don't think that the claim --13 14 JUSTICE SOTOMAYOR: I don't want to 15 look at the statements -- I've read the 16 statement the way it was stated. Let's go back 17 to my point. Why isn't it misleading that there were no mechanisms by the third party, as you 18 19 state, if they have inadequate mechanisms, X is 20 going to happen? We know there isn't any 21 because Facebook didn't put any in. 2.2 MR. SHANMUGAM: So I actually don't 23 think that is the claim the plaintiffs have I think that their claim is that 24 been pursuing. 25 the app developer here did not develop

- 1 sufficient safeguards.
- JUSTICE SOTOMAYOR: Why isn't that
- 3 misleading?
- 4 MR. SHANMUGAM: I think the reason
- 5 that that is not misleading is because there is
- 6 no representation here about what has taken
- 7 place in the past. That statement, no less than
- 8 the other statements on which they rely, is
- 9 forward-looking.
- 10 JUSTICE SOTOMAYOR: Just as --
- 11 MR. SHANMUGAM: Now it differs in one
- 12 respect in that it doesn't identify specifically
- harm to business or reputation, but the
- 14 fundamental problem with plaintiffs' theory as
- 15 to this statement is that the episode of data
- 16 misuse that they're complaining about was in the
- 17 public domain at the time. So their claim has
- 18 to be --
- JUSTICE SOTOMAYOR: That has to go --
- 20 MR. SHANMUGAM: -- something more than
- 21 that.
- 22 JUSTICE SOTOMAYOR: -- to materiality.
- 23 That's a different issue. That's not what we
- 24 granted cert on.
- MR. SHANMUGAM: Well, they can't

- 1 possibly pursue a claim in a case where the
- 2 alleged omitted information was in the public
- domain, whether you locate that in the
- 4 materiality element or somewhere else. And
- 5 that's precisely why their claim has to be that
- 6 our statement had to contain something more than
- 7 simply a disclosure about the data misuse that
- 8 was already in the public domain.
- 9 And my question for the other side is:
- 10 What is the something more that they think this
- 11 statement should have contained that was not
- 12 already in the public domain at that time?
- JUSTICE GORSUCH: Mr. Shanmugam, I
- just want to see if I've got it, okay, where
- 15 you're coming from at least, okay? A highly
- 16 reticulated regulatory system, Item 105 is about
- 17 risk factors and it's necessarily
- 18 forward-looking. Companies typically do if/then
- 19 statements. That's generally okay, you would
- 20 say. Like opinions, got it, Omnicare. Unless
- 21 there's some sort of affirmative representation
- about a fact in the world that's wrong.
- Is that the gist of your view?
- 24 MR. SHANMUGAM: It is. And to pick up
- on Justice Sotomayor's --

```
1
                JUSTICE GORSUCH: And -- and let me --
 2
      let me just continue before you pivot back to
 3
      Justice Sotomayor, which I want you to do too,
     but the -- to take Justice Kagan's hypothetical,
 4
     which we're all concerned about, right, the
 5
 6
      50 percent, would that be in your view possibly
7
      required by other provisions like Item 101,
     which requires information material to an
 8
 9
      understanding of the general development of the
10
     business?
11
               MR. SHANMUGAM: Yes.
12
                JUSTICE GORSUCH: And --
13
               MR. SHANMUGAM: It could be already
14
      required. And if it isn't --
15
                JUSTICE GORSUCH: And --
16
               MR. SHANMUGAM: -- the SEC could --
17
               JUSTICE GORSUCH: And Item 303, which
18
      requires a disclosure of known trends or
19
      uncertainties that have had or that are
20
      reasonably likely to have a material impact?
               MR. SHANMUGAM: Yes, it -- it could be
21
22
     required by Item 303 as well.
23
                JUSTICE GORSUCH: And 106 as well,
24
     which is specific to cybersecurity problems?
25
               MR. SHANMUGAM: Yes, but doesn't, I
```

2.7

- 1 think, by everyone's admission, sweep as broadly
- 2 as to cover what took place here.
- JUSTICE GORSUCH: But we don't have
- 4 any of those provisions before us. This is a
- 5 105.
- 6 MR. SHANMUGAM: It is. And I do think
- 7 that the Court could write an opinion that makes
- 8 clear that the context here is a limiting factor
- 9 on the rule, which is to say that precisely
- 10 because Item 105 disclosures are
- 11 forward-looking, a reasonable investor, familiar
- 12 with that regulatory framework, would understand
- that, as Meta warned here, these statements make
- 14 no representations about the past.
- 15 And I do think -- and the reason I
- 16 wanted to pivot to Justice Sotomayor --
- 17 JUSTICE GORSUCH: Pivot -- pivot away.
- 18 MR. SHANMUGAM: -- was just to add the
- 19 important caveat that you can change this
- statement pretty easily to render it misleading.
- 21 If the statement had said Meta has never
- 22 experienced an episode of data misuse involving
- its users, but if it did, it would do harm to
- 24 Meta's business or reputation, of course, in
- 25 that context, the statement would be false or

2.8

- 1 misleading if there had been an episode in the
- 2 past.
- 3 And I do want to say that the Court
- 4 took this case to resolve a circuit conflict
- 5 here, and there are basically sort of three
- 6 options.
- 7 Our view is that a statement of this
- 8 variety, as Justice Gorsuch just set out, is
- 9 ordinarily forward-looking, the condition does
- 10 not ordinarily contain an implied representation
- 11 about what took place in the past.
- 12 The Ninth Circuit went all the way in
- 13 the other direction and the Ninth Circuit said,
- if a triggering event has taken place in the
- past, the statement can be false or misleading
- 16 regardless of whether or not the risk has
- 17 materialized.
- 18 The circuits in the middle say that if
- 19 the risk is certain or virtually certain to
- occur, a statement can be false or misleading in
- 21 that circumstance.
- 22 On these facts, we would not be liable
- even under that test, which was essentially the
- 24 preexisting test in the Ninth Circuit before the
- 25 court relaxed it.

Τ	CHIEF JUSTICE ROBERTS: Thank you,
2	counsel.
3	Justice Thomas?
4	JUSTICE THOMAS: You said that the
5	risk factors are necessarily forward-looking.
6	Is that a regulatory or a statutory requirement?
7	MR. SHANMUGAM: So I think that the
8	regulation makes quite clear that what you are
9	warning about is factors that could render the
LO	company's an investment in the company
L1	speculative or risky. That is in the language
L2	of Item 105 itself.
L3	Now that having been said, there can
L4	be circumstances in which a company could
L5	include in an Item 105 disclosure something
L6	about the past or present state of affairs. And
L7	the government points to the fact that there was
L8	a time when an earlier version of Item 105
L9	required at least some disclosures of that
20	variety. That's all well and good. As I
21	indicated in response to Justices Gorsuch and
22	Sotomayor, a company could choose to do that and
23	run the risk of being held liable.
24	My point is simply that if a company
25	does not do that in the statement at issue, it

1 cannot be liable for securities fraud based on 2 some categorical implied representation that the 3 specified event had never occurred in the past. CHIEF JUSTICE ROBERTS: Justice Alito? 4 JUSTICE ALITO: Well, isn't it the 5 case that an evaluation of risks is always 6 7 forward-looking? Isn't it inherently 8 forward-looking? When you want to know about 9 what risk you face, you want to know what your 10 risk is in the future, right? MR. SHANMUGAM: It is, and that is 11 12 essentially what underlies our argument here. would submit that where I think the Ninth 13 Circuit sort of went off the rails a little bit 14 15 is that it seemed to conflate the risk of the ultimate harm with the risk of the conditional 16 17 triggering event occurring. 18 JUSTICE ALITO: Well, I think the --19 the intuition is that a statement that simply 20 blandly says that there's a possibility of a 21 risk can, in context, be extremely misleading if 2.2 there is a high probability of the risk 23 materializing. I think that is the intuition. 24 The fact that something has happened 25 in the past very often sheds light on the risk

- of a recurrence. If you analyze the reason why
- 2 the thing happened in the past, you may realize
- 3 that this reason persists and, therefore, it's
- 4 predictable that the same thing may happen in
- 5 the past. But the mere fact that something
- 6 happened in the past doesn't necessarily tell
- 7 you what the risk is going forward.
- 8 Do you disagree with any of that?
- 9 MR. SHANMUGAM: Well, Justice Alito, I
- 10 think that that is the intuition that supports
- 11 the circuits that have adopted the so-called
- virtual certainty rule, the notion that if you
- warn that a risk is possible, but, in fact, the
- 14 harm is certain or almost certain to
- materialize, that there comes a point at which
- it feels as if the statement is misleading.
- Now, here, precisely because we know
- 18 that no harm occurred from the initial misuse of
- 19 the data by Cambridge Analytica, this is an easy
- 20 case even under that standard.
- 21 JUSTICE ALITO: Well, what if --
- 22 MR. SHANMUGAM: But --
- JUSTICE ALITO: All right. Let's take
- 24 the -- the hypothetical about the -- the risk of
- a fire, and let's say that there was a fire, it

- 1 was a damaging fire, and an analysis of the
- 2 reason why the fire started was that all the
- 3 wiring in the plant is obsolete and eventually
- 4 has to be replaced, but it can't be replaced for
- 5 the next six months. So it shows there that
- 6 there's a -- a substantial risk of the
- 7 recurrence of a fire.
- 8 On the other hand, if there was a fire
- 9 and it was caused by the fact that the factory
- 10 was hit by a piece of space junk that fell out
- of the sky, the fact that that happened doesn't
- really tell you much more about the probability
- that you're going to have another fire based on
- 14 objects falling out of space.
- 15 So what do we do with that situation?
- MR. SHANMUGAM: So I would say two
- 17 things about that situation.
- The first is that if you have a
- 19 statement that simply says, you know, there may
- 20 be a risk of a fire occurring at our facility, I
- 21 don't think that that statement would be
- 22 misleading simply because there's a modest
- 23 difference in -- a modest increase in the
- 24 probability of that happening because of some
- 25 factor or another.

1 I think the circuits that have adopted 2 the certainty or virtual certainty standard have 3 done so precisely because all you're saying is there's a possibility of this happening. 4 there is a certainty of it happening, then the 5 statement starts to feel misleading. 6 7 But the other thing I would say -and, again, I think this is very important -- is 8 9 that here, we're talking about these sorts of if/then statements. If something occurs, then 10 11 there may be harm to the company's business or 12 reputation. 13 What you're really warning about in that circumstance, I would submit, is the 14 15 ultimate harm to business or reputation. So, if 16 you're applying a standard like the virtual 17 certainty standard, you know, I think the argument that the other side is making is: 18 19 Well, if you had an episode of data misuse and 20 you were aware of it at the time, that, you know, if it is highly likely that there is going 21 2.2 to be harm to your business, then that statement 23 is misleading. 24 JUSTICE ALITO: Thank you. 25 MR. SHANMUGAM: And the problem is

1	that that doesn't work out on these facts.
2	CHIEF JUSTICE ROBERTS: Justice
3	Sotomayor? No?
4	Justice Kagan?
5	JUSTICE KAGAN: So this is very much
6	meant to follow up on Justice Alito's questions
7	My my my first note is that in
8	this statement, Facebook actually does have
9	various kinds of statements about what has
10	happened in the past. It doesn't talk about
11	Cambridge Analytica, but it does talk about
12	other things. It says there have been hacking
13	incidents in the past. Hacking is a real
14	problem, and we've experienced it.
15	And, you know, if you had left that
16	out, I think that you would have every right to
17	stand up there and say: Like, who could really
18	think that our statement says that there aren't
19	hacking incidents in the past? All right?
20	So you put in a bunch of stuff that
21	nobody could accuse you of just take you
22	know, omitting because who could think that?
23	But now say that there's an
24	extraordinary release of confidential data, and
25	let's make it even more extraordinary in this

- 1 case because, if we make it this case, you know,
- 2 you'll tell me this was known already and it
- 3 really wasn't so bad.
- But, you know, just imagine that --
- 5 that every user of Facebook had all their
- 6 confidential data released in some way to a
- 7 third party, who then put it on the open market.
- 8 So, really, quite an extraordinary mishap.
- 9 And just as Justice Alito says, the
- 10 reason why people want to know about that in
- 11 assessing risks going forward is because it says
- something about the company's vulnerabilities.
- 13 It might say something about operational
- 14 problems of the company. It might say something
- about management issues at the company, like:
- 16 How does a company allow that to happen? I
- 17 better go find out.
- 18 So -- so why wouldn't that be required
- 19 here? Whatever anything else requires, what --
- 20 you know, what -- whatever other requirements
- 21 there are, this requirement, which talks about
- 22 -- which is supposed to give people an
- 23 understanding of future risks, an investor needs
- 24 to know that, doesn't she?
- MR. SHANMUGAM: Yeah. So I would say

- 1 two things in response to that, Justice Kagan.
- 2 The first is that, again, with regard
- 3 to the examples that were given, I think we
- 4 would acknowledge that there could be a case in
- 5 which you might draw a negative inference from
- 6 something that a company said about what took
- 7 place in the past. Again, it's a contextual
- 8 analysis that depends on the nature of the
- 9 statements.
- 10 But, here, I think it's quite clear
- 11 that the examples that were being given were
- 12 precisely that. They were examples of the types
- of efforts improperly to obtain Facebook user
- 14 data that had occurred in the past. And a
- 15 reasonable investor, I would submit, would not
- have been misled by that to believe that no
- third party had ever gained access to user data
- or misused that data through other means.
- But, second, to respond to the second
- 20 half of your question, of course, there could be
- 21 situations in which omitted information would
- really be of interest to a reasonable investor.
- 23 That goes to materiality.
- 24 And yet, it is a fundamental principle
- 25 that this Court has articulated in cases like

- 1 Matrixx and Macquarie that that is not enough at
- 2 least for 10-B liability, where there cannot be
- 3 pure omissions liability. There is pure
- 4 omissions liability under other provisions of
- 5 the securities laws but not 10-B, which is, of
- 6 course, enforceable by private investors.
- 7 And what is the problem that this
- 8 Court would be creating if it went as far as the
- 9 Ninth Circuit? It would be the problem of
- 10 creating a regime where a company would be
- 11 penalized for disclosing about the very risk
- 12 that eventually materializes.
- JUSTICE KAGAN: Thank you.
- JUSTICE GORSUCH: Just to --
- 15 CHIEF JUSTICE ROBERTS: Yeah.
- JUSTICE GORSUCH: Thank you, Chief.
- 17 Mr. Shanmugam, so you would agree,
- though, an if/then statement can be misleading
- and materially possibly so if it understates the
- 20 risk going forward, the probability of it?
- 21 MR. SHANMUGAM: I think only under the
- 22 virtual certainty standard --
- JUSTICE GORSUCH: Yeah.
- MR. SHANMUGAM: -- but not under the
- 25 standard --

```
1
                JUSTICE GORSUCH: Do you object to
 2
      that?
 3
               MR. SHANMUGAM: -- we are advancing.
               JUSTICE GORSUCH: I -- I -- I got
 4
 5
      that.
 6
               MR. SHANMUGAM: I think, under that
 7
      standard --
                JUSTICE GORSUCH: Do we need to decide
 8
 9
     the difference between what you're advocating
10
      and the virtual certainty -- what you're calling
11
      the virtual certainty standard? Is that
12
     necessary to a decision here?
               MR. SHANMUGAM: I think that this
13
14
     Court could write an opinion that says simply
15
     that the Ninth Circuit's rule, as we understand
16
      it and as the Ninth Circuit set out at pages 24A
17
     and 25A of the Petition Appendix, cannot be
     correct, that it cannot be sufficient to render
18
      a statement misleading simply that the pre --
19
20
      the specified triggering event has previously
21
     occurred in the past, without an assessment of
2.2
      the risk of harm.
23
                The other side comes back and says:
     Well, it's implicit that if it's immaterial,
24
      that it would fall outside that rule. But our
25
```

- 1 submission is that's not what the Ninth Circuit
- 2 was really doing here. The Ninth Circuit was
- just saying: If you have a previous occurrence,
- 4 the falsity requirement is satisfied.
- 5 The Court could leave for another day
- 6 the delta between our proposed test and the
- 7 virtual certainty test because I think the
- 8 virtual certainty test creates an exception in
- 9 circumstances where, again, the risk of harm is
- 10 certain or virtually certain to materialize.
- 11 Defendants often prevail under that standard.
- 12 We certainly think this Court should
- ideally provide guidance and resolve the circuit
- 14 conflict here definitively. But, if the Court
- wanted to say, we're not going to decide between
- those two standards, it just doesn't matter on
- 17 these facts.
- 18 JUSTICE GORSUCH: Thank you.
- 19 CHIEF JUSTICE ROBERTS: Justice
- 20 Kavanaugh?
- 21 JUSTICE KAVANAUGH: A couple
- 22 questions. On the risk factors, as I understand
- it, you don't have to identify the probability
- of the event occurring, correct?
- MR. SHANMUGAM: And companies

- 1 typically don't. If a company said it is highly
 2 unlikely that an episode of data misuse is going
- 3 to materialize, then all of these things would
- 4 be put into play. Perhaps not surprisingly,
- 5 companies don't make warranties of that variety.
- 6 JUSTICE KAVANAUGH: Because, if they
- 7 did that and, as Justice Gorsuch said, they
- 8 understated the risks, then they would be --
- 9 MR. SHANMUGAM: Correct. In Justice
- 10 Alito's hypothetical, if you included language
- 11 that goes to how probable it is, then you're
- going to have a problem if you have information
- 13 that goes to that probability.
- JUSTICE KAVANAUGH: Right.
- And, second, the SEC, I think you're
- 16 acknowledging, could adopt a regulation that
- says what it currently says about risk factors
- 18 and added: And, by the way, if you're
- identifying possible future events that could
- create harm, you also need to identify if those
- 21 events have occurred in the past?
- 22 MR. SHANMUGAM: And what's funny about
- 23 this, Justice Kavanaugh --
- JUSTICE KAVANAUGH: Is that a "yes"?
- MR. SHANMUGAM: Yes.

Т	JUSTICE KAVANAUGH: Yean.
2	MR. SHANMUGAM: And the SEC did not do
3	that when it promulgated Item 106 just last
4	year. It did not include episodes of data
5	misuse in what had to be disclosed. And,
6	indeed, the SEC shied away from requiring
7	elaborate disclosures about previous occurrences
8	precisely because companies complained about the
9	burden that that would impose.
LO	JUSTICE KAVANAUGH: Thank you.
L1	CHIEF JUSTICE ROBERTS: Justice
L2	Barrett?
L3	JUSTICE BARRETT: So, Mr. Shanmugam,
L4	you said that this is about context and about
L5	the regulatory context, but it seems to me,
L6	based on a lot of the hypotheticals that you've
L7	gotten and the ones written in the briefs, that
L8	it's about more than just the regulatory context
L9	but also about the context of the business, the
20	nature of the risk, et cetera, which makes it
21	not easily susceptible to a categorical rule.
22	Let's just say you know, Justice
23	Gorsuch was asking you to kind of articulate
24	where the line might be. It's hard for me to
25	see why we would adopt the virtual certainty

- 1 test when it's nobody's first choice. And it
- 2 seems like the kind of bright -- bright-line
- 3 rule that maybe the SEC might want to adopt,
- 4 that sort of thing, but it's hard for me to see
- 5 why we would do that.
- 6 Assume that I think the Ninth
- 7 Circuit's rule goes too far and I think your
- 8 rule goes too far. It seems to me very hard to
- 9 articulate what the line is. And -- and -- and
- 10 maybe I can put it this way. It seems like the
- 11 hardest hypotheticals are the ones where the
- 12 risks are either unusual or devastating, like a
- 13 50 percent loss of a factory because of a fire
- or getting hit by space junk. Those are --
- 15 those are things that are unusual and hard.
- 16 You know, nobody would think that a
- 17 social media company wouldn't be at risk of data
- breaches or that data breaches hadn't happened
- in the past. Or, if you're a food supply chain,
- 20 you know, E. coli outbreaks in spinach, you
- 21 know, that sort of thing. If things are going
- 22 to recur and they're things you associate with
- 23 the business and they're described at a
- 24 relatively high level of generality, it seems to
- 25 me that those kinds of statements, well, maybe

- 1 those do seem like they're general statements
- 2 just about the category of risk that a
- 3 particular kind of business faces, but if they
- 4 are more unusual, kind of either/or binary
- 5 choices, make or break the business, well, then
- 6 those really seem like they're misleading.
- 7 So, if I see it that way, how do I
- 8 articulate a rule that handles anything more
- 9 than the case in front of us?
- 10 MR. SHANMUGAM: Sure.
- JUSTICE BARRETT: Maybe I shouldn't.
- MR. SHANMUGAM: Well, Justice Barrett,
- 13 I think what I would say is that I would grant
- 14 that I think there are circumstances in which a
- 15 reasonable investor may have an intuition that
- 16 something has taken place in the past. The
- 17 example that I gave earlier, I think, falls into
- 18 that category. Nobody would think that a
- 19 company as big as Meta had never suffered
- 20 unfavorable publicity. And I would submit that
- if we're talking about data misuse and the like,
- 22 I think most people would assume that there have
- 23 been episodes of that variety in the past.
- I think what you may be reacting to
- 25 here is the sense that sometimes there are

- 1 events that seem so significant that it feels as
- 2 if there ought to be an obligation to disclose
- 3 them, and maybe the unusual events fall into
- 4 that category because those are perhaps likely
- 5 to be events that are really, really
- 6 significant.
- 7 Our point is simply that that goes to
- 8 materiality first and foremost. And, again, I
- 9 think part of the problem with the other side's
- 10 approach is that it really conflates these
- 11 elements that are meant to be different. The
- 12 language of Rule 10b-5 itself makes clear that
- an omission has to be both material on its own
- 14 terms and necessary in order to avoid rendering
- 15 a statement not misleading.
- 16 JUSTICE BARRETT: Well, I think some
- of the hypotheticals that you're getting show
- 18 that not everybody shares that intuition, that
- 19 materiality is the only thing at stake, that it
- 20 can also be misleading. Depending on how
- 21 specific the risk is, you know, people probably
- 22 have different intuitions that fall along a
- 23 spectrum.
- 24 So what -- if -- if I'm resisting, I
- 25 feel like you're still advocating for your

1 categorical rule. 2 MR. SHANMUGAM: Well -- but, all 3 right, so let me offer the important caveat, which is where I started the argument, which is 4 the caveat that we really drew from this Court's 5 opinion in Omnicare, which is that implied 6 7 representations, I think, can take care of many of these circumstances. And we acknowledge in 8 our reply brief that, for instance, a statement 9 10 can have an implied representation about the 11 current state of affairs. Take the final exam 12 example. If I fail one of my finals this 13 semester, I may have to retake a class. 14 think, there, there's an implied representation 15 that you're talking about your finals this 16 semester, and if you failed one of them, that 17 statement is then false or misleading. 18 It is because there is an implied 19 representation that we think is absent from a 20 statement of this variety. And I think the 21 Court can write an opinion that is mindful of 2.2 the language of this statement but recognizing

Heritage Reporting Corporation

that the reason that there's a circuit conflict

is that companies use this form of formulation

quite frequently. And so, in some sense, the

23

24

- 1 Court is deciding it for a category of types of
- 2 statements, but, if the wording changes, the
- 3 analysis is going to be different.
- 4 CHIEF JUSTICE ROBERTS: Justice
- 5 Jackson?
- 6 JUSTICE JACKSON: So I have two
- 7 questions that are kind of similar. I think
- 8 that what is bugging me about your view is that
- 9 you seem to suggest that the only implied
- 10 misrepresentation or implied representation that
- 11 matters is a statement that falsely suggests
- that something didn't happen in the past when it
- 13 actually did. You've said that many times.
- 14 But I'm wondering whether there isn't
- also a statement about what needs to happen in
- the future from the investor's perspective so
- that when you say, if this kind of data breach
- happens, it could damage Facebook's business,
- 19 the investor thinks, okay, so if I invest in
- this business now, I'm going to have to start
- 21 looking out for signs of this kind of data
- 22 breach happening in the future, I'm going to be
- 23 focused on that aspect of, you know, the
- 24 research as I try to figure out this investment.
- 25 You're sort of throwing him off the

- 1 scent of the fact that what he really needs to
- 2 do is figure out what harms are going to arise
- 3 from the data breach that has already occurred.
- 4 This is similar to Justice Kagan's point about
- 5 how an investor uses the information. They're
- 6 looking for vulnerabilities in the company, et
- 7 cetera.
- 8 And so I'm just -- I'm just nervous
- 9 about the suggestion that the only
- 10 representation that's being made in a futuristic
- 11 statement is one that relates to the past as
- opposed to a possible statement about the future
- in the way that I've described.
- MR. SHANMUGAM: So I'd make two points
- 15 about that, Justice Jackson.
- The first is that I think it's
- important to look at Item 105, and one of the
- 18 things that Item 105 requires is that the risk
- that you're disclosing be a material risk; in
- other words, it's got to be something that is
- 21 reasonably likely to arise.
- 22 And so I actually think, if you had,
- for instance, the example of our factory being
- 24 hit by a meteor, that's something that you would
- 25 probably not have to disclose.

1	JUSTICE JACKSON: No, no, but it's
2	already occurred. In in the
3	MR. SHANMUGAM: Right.
4	JUSTICE JACKSON: in all the
5	hypotheticals that I'm talking about
6	MR. SHANMUGAM: Right.
7	JUSTICE JACKSON: it's a hundred
8	percent, let's say, that this is that there's
9	going to be harm from this because it's
10	happened.
11	MR. SHANMUGAM: And in some sense, my
12	point is that precisely because it has to be
13	material, I think a reasonable investor would
14	think this is something that is a very real
15	risk, it may have happened in the past, it could
16	happen in the future. And and I think that
17	that is an important
18	JUSTICE JACKSON: No, I guess my
19	question is, why aren't you making a statement
20	with your purely futuristic formulation that
21	leads the reasonable investor to believe that no
22	harm of this nature is going to happen right
23	right now, right now?
24	MR. SHANMUGAM: Right. Well
25	JUSTICE JACKSON: I have to wait

- 1 that the -- so, in my -- in my real estate
- 2 example, the person is -- when the -- when the
- 3 real estate agent says, if crime goes up, home
- 4 insurance rates might go up, the investor says,
- 5 okay, I'm going to start looking at crime
- 6 reports because, you know, if this were to
- 7 happen in the future, then, fine, this risk will
- 8 materialize. What he doesn't know is that crime
- 9 has already gone up, crime has already gone up,
- 10 and that, really, tomorrow the insurance rates
- 11 are going to go up.
- 12 And what I'm suggesting is that you've
- misled him into thinking that he has to wait for
- 14 a future triggering event as opposed to he has
- to do what he needs to to mitigate the harm that
- 16 will already happen as a result of the past
- 17 triggering event.
- 18 MR. SHANMUGAM: Yes. And I think we
- 19 would draw a line between a circumstance in
- 20 which the harm has currently materialized, in
- other words, the harm is ongoing and, therefore,
- 22 will exist in the future, and a circumstance in
- which there is simply a present risk of harm,
- 24 whether from a past event or a future event.
- I think, if there is merely a risk,

- 1 there would be no liability because that risk is
- 2 precisely what you're warning of, and you're not
- 3 making any warranty about whether the triggering
- 4 event has occurred in the past.
- 5 And the last thing I would say is that
- 6 I really do think it's a question for my friends
- 7 on the other side what they think the statement
- 8 here should have said because it seems clear
- 9 that they think it should have said something
- 10 more than that there was the initial episode of
- 11 misuse, which was already in the public domain.
- 12 And I think that the answer to that question
- will point up just how expansive and broad the
- implied representation, really, the warranty,
- 15 is --
- JUSTICE JACKSON: Thank you.
- 17 MR. SHANMUGAM: -- that they think
- 18 every statement includes.
- 19 CHIEF JUSTICE ROBERTS: Thank you,
- 20 counsel.
- 21 Mr. Russell.
- 22 ORAL ARGUMENT OF KEVIN K. RUSSELL
- ON BEHALF OF THE RESPONDENTS
- MR. RUSSELL: Mr. Chief Justice, and
- 25 may it please the Court:

1	I'd like to start by making clear our
2	position. First, as to the actual question
3	presented, we agree that a risk disclosure is
4	not misleading because it omits disclosure of an
5	event that is immaterial because it risks no
6	business harm. The Ninth Circuit did not hold
7	otherwise.
8	Second, we agree that in addition to
9	proving materiality, plaintiffs must also show
10	that the risk statement implies that the omitted
11	event did not occur. We don't claim that every
12	risk statement includes that implication. Our
13	position is simply that they can and frequently
14	do, and that ultimately depends on the facts and
15	context of each case.
16	Third, for that reason, the Court
17	should reject Facebook's categorical rule that
18	Item 105 statements are always agnostic about
19	whether the risk has transpired in the past.
20	Facebook admits that if a student tells his
21	parents that there's a risk he may fail an exam
22	when he's already done so, that is misleading
23	because it implies it's impossible that he won't
24	when that isn't true. The same is true of many
25	risk factor statements, including the ones at

- 1 issue in this case stating that the --
- 2 describing an improper disclosure of user data
- 3 as a hypothetical risk implied that it was
- 4 possible it wouldn't occur. And that wasn't
- 5 possible because it already had.
- 6 This does not mean that issuers must
- 7 disclose every material occurrence of a risk.
- 8 They simply must say enough to remove the false
- 9 impression that the omitted event has not yet
- 10 materialized, something they generally can do,
- 11 as Facebook did here with respect to hacking, by
- 12 simply acknowledging that the risk has
- 13 materialized in the past.
- 14 Finally, the Ninth Circuit did not
- 15 adopt any contrary categorical rule. The Court
- 16 did not discuss whether these particular
- 17 statements were agnostic about the past because
- 18 Facebook never argued that they were. It
- 19 elected instead to argue only that the warned-of
- 20 risks had not transpired because it viewed the
- 21 warned-of risks as speaking only to hacking
- 22 events and business harm.
- 23 Because Facebook does not challenge
- 24 the Ninth Circuit's fact-bound rejection of
- 25 those claims in this Court, this Court should

1 provide any necessary guidance for future cases 2 in the course of affirming the judgment. 3 I welcome the Court's questions. JUSTICE THOMAS: Mr. Russell, what 4 else should Facebook have provided in the 105 5 6 statement to comply with 10b? 7 MR. RUSSELL: So I think that they could have said what they said and then said 8 9 something like: Such improper disclosure or 10 misuse of user data has occurred in the past, 11 including recently on a substantial scale. I 12 think that would have removed any misimpression that an event like what happened in Cambridge 13 14 Analytica hadn't occurred. 15 And the reason that it is reasonable 16 for somebody to think that this statement 17 implies that it hadn't occurred is because an 18 investor -- a reasonable investor hearing a 19 company describe factors that are relevant, 20 factors that make the investment risky would 21 expect that if something like this had happened, 30 million users' private data released, 2.2 23 eventually causing a hundred billion dollar 24 reduction in the market capitalization of the

company, that the company who is intent on

- 1 telling the whole truth about the factors that
- 2 make the investment risky would not speak about
- 3 such things --
- 4 JUSTICE GORSUCH: Mr. Russell --
- 5 CHIEF JUSTICE ROBERTS: Counsel --
- 6 MR. RUSSELL: -- in hypothetical
- 7 terms.
- JUSTICE GORSUCH: I'm sorry, Chief.
- 9 CHIEF JUSTICE ROBERTS: Oh, yeah.
- 10 Your basic submission is that a probabilistic
- 11 statement about something carries the inference
- 12 that -- that something has not occurred.
- MR. RUSSELL: No. Our -- our position
- is that it can. It doesn't always.
- 15 CHIEF JUSTICE ROBERTS: Okay. Well,
- 16 it -- it can.
- 17 MR. RUSSELL: Yes.
- 18 CHIEF JUSTICE ROBERTS: But, I mean,
- 19 with respect to certainly some but maybe most, a
- 20 probabilistic statement will do the exact
- 21 opposite. For example, if you're leaving my
- 22 house and I say, you might slip on the steps,
- you wouldn't say, well, that's never happened
- 24 before.
- MR. RUSSELL: That's right.

1	CHIEF JUSTICE ROBERTS: Your your
2	inference would be that has happened and that's
3	why I'm giving you the warning.
4	And it seems to me, if you're saying
5	it it can go one way in some cases, it can go
6	another way in the other cases, it's a real
7	expansion of the disclosure obligation. In
8	other words, it's not something that is narrow
9	because, whether it's happened or not, you
10	you you you have to disclose it.
11	MR. RUSSELL: No. That's not our
12	CHIEF JUSTICE ROBERTS: Well,
13	exactly well, who how are we supposed to
14	parse whether it's slipping on my steps or, you
15	know, what you say is actionable in this case?
16	MR. RUSSELL: I think you simply have
17	to do what the Court says you have to do in
18	omission cases in Omnicare, which is you always
19	have to ask how would a reasonable person
20	understand the implications of this sentence and
21	frequently and if it is a case where somebody
22	would understand that the warned-of risk is
23	something that happens all the time or you'd
24	only be talking about it if it happened in the
25	nast

1 If it's an event like adverse 2 publicity that everybody knows has happened in 3 the past, nobody's going to understand the 4 statement to be implying that it hadn't 5 happened. 6 JUSTICE GORSUCH: So -- so, Mr. 7 Russell --CHIEF JUSTICE ROBERTS: So --8 JUSTICE GORSUCH: I'm sorry, Chief. 9 CHIEF JUSTICE ROBERTS: I was just 10 11 going to follow up. 12 MR. RUSSELL: Mm-hmm. 13 CHIEF JUSTICE ROBERTS: So, basically, 14 if you have this and it's -- the suit is -- is 15 brought, you say: Well, it -- it either -- the 16 inference it either has happened in the past or 17 it hasn't happened in the past and we're going 18 to go to trial to decide that, it seems to me 19 that's kind of a blank check. 20 MR. RUSSELL: No, you treat it the way you do every omissions case. You can enter 21 22 summary judgment or enter a motion to dismiss if 23 no reasonable juror could find that this 24 statement implied that the event hadn't happened 25 in the past.

1 In this case, there are at least four 2 reasons why it would be reasonable for a jury to 3 decide that this particular set of statements 4 did. The first is the structure, which it 5 6 is the received wisdom of many courts in many 7 contexts over many years, "can" and "often" does 8 imply that speaking of something in a 9 hypothetical term implies that it hasn't 10 happened. 11 But the context of this case 12 reinforces that here because, here, we are not 13 talking about something like adverse publicity, 14 which people would know happens all the time. 15 JUSTICE GORSUCH: Well, Mr. Russell, 16 on that, so -- so I just want to make sure, 17 there -- there seems to be a -- a point of 18 agreement not only on the question actually 19 presented but that forward-looking risk factor 20 statements don't generally imply anything. 21 There has to be some implied representation 2.2 about a past fact for you to get in the door. 23 Is -- is that right? Is that common ground? MR. RUSSELL: I don't know that I 24 25 would agree on the "generally." I think we do

- 1 agree that it's context-dependent, and sometimes
- 2 it does, sometimes it doesn't.
- 3 JUSTICE GORSUCH: But it depends upon
- 4 an implied representation that there is nothing
- 5 -- no problem in the past?
- 6 MR. RUSSELL: Yes.
- JUSTICE GORSUCH: Okay. We agree on
- 8 that.
- 9 MR. RUSSELL: Yes.
- 10 JUSTICE GORSUCH: Everybody seems
- 11 to -- you guys agree on that at least.
- 12 What about the statement we have here?
- 13 I -- I want some help with that because it -- I
- 14 wonder whether we're in the -- the world of a
- 15 meteorite or -- or Justice Alito's falling
- 16 debris or whether we're in the Chief Justice's
- world of slip-and-fall on my front porch.
- 18 Defendant represented that our
- 19 industry is prone to cyber attacks. It says
- 20 that hacking has become more prevalent in our
- industry, and it says we cannot assure you that
- 22 the measures we have will provide absolute
- 23 security.
- 24 Why isn't this -- given those kinds of
- warnings, where is the implied representation

- 1 that Meta has never had a significant data
- 2 breach?
- 3 MR. RUSSELL: Because Meta itself
- 4 insisted vehemently below and in public when
- 5 this was finally disclosed in 2018 that this was
- 6 not a hacking event. This was not a
- 7 cybersecurity event.
- 8 And the risk disclosures discussed
- 9 separately the risk of misappropriation of user
- 10 data by developers, and in that context, it
- 11 doesn't say any of the things that you just
- 12 read.
- JUSTICE GORSUCH: Yeah. Well, that's
- 14 the next paragraph, and it -- it does say
- 15 that we provide limited information. However,
- 16 if they fail to adopt or adhere to adequate data
- security practices or in the event of a breach
- of their networks, you're going to have a
- 19 problem.
- So, again, where is the implied
- 21 representation that -- that this hasn't happened
- in the past? Isn't this exactly the sort of
- thing that a reasonable investor does know can
- 24 happen to large companies with --
- 25 MR. RUSSELL: I don't -- I

- 1 respectfully disagree.
- 2 JUSTICE GORSUCH: I mean, the federal
- 3 government -- I mean, I -- I think China
- 4 probably has all of our FBI files. You know, I
- 5 mean, data breaches are part of our -- our lives
- 6 these days.
- 7 MR. RUSSELL: But this wasn't a data
- 8 breach. And this is really important. That was
- 9 a principal argument that Facebook made below,
- 10 that these statements only warned about data
- 11 breaches, and the Ninth Circuit rejected that
- reading, and the reason for that is because,
- 13 unlike a hacking event -- and I don't know what
- 14 China does -- here, Facebook allowed a
- third-party developer -- it just gave them the
- 16 data.
- 17 And that doesn't happen, Justice
- 18 Barrett, all the time. Actually, at the --
- 19 before the disclosures in this case, reasonable
- 20 investors would have thought that it never
- 21 happened and particularly on this scale.
- 22 And for -- Facebook had faced
- 23 allegations of this in December of 2015, and it
- 24 didn't respond by saying: Yeah, that happened
- 25 and we took care of it. It said: We have to

- 1 conduct an investigation, and if we do, we will
- 2 take swift action. And by the time they issued
- 3 this report in 2016, they hadn't said boo about
- 4 this.
- 5 And so, in that context, I think it is
- 6 very reasonable for investors to understand that
- 7 by treating it as simply something that may
- 8 happen in the future, they are confirming that
- 9 their -- what their silence had already
- 10 conveyed, which is that the -- that we didn't
- 11 substantiate the allegations in the 2015
- 12 article.
- 13 JUSTICE BARRETT: So you're saying
- 14 that it is unusual because it wasn't -- you're
- 15 saying it wasn't a data breach. It was
- 16 Facebook, Meta just handing over the data.
- 17 You're saying it falls more in the
- 18 category of a factory half burning to the
- 19 ground, something that we wouldn't necessarily
- 20 expect because you would have trusted Meta not
- 21 to hand it over. Is that what you're saying?
- MR. RUSSELL: That's right. And
- 23 that's why users were so angry --
- 24 JUSTICE KAGAN: And it's handing over
- 25 the data --

1 MR. RUSSELL: -- when they found out 2 about this. 3 JUSTICE KAGAN: -- without any real controls, isn't that right? Isn't that the 4 allegation? 5 6 MR. RUSSELL: Right, that this 7 evidence -- this episode showed not only that they had given this away in this one instance 8 9 but that they didn't have the capability to keep 10 their promises to users that users can control 11 who has access to their private data. 12 JUSTICE BARRETT: Mr. Russell, can I 13 just ask you one other question? You know, Justice Gorsuch and -- and the Chief too were 14 15 kind of trying to pin you down on exactly what 16 you think about these if/then statements or 17 these statements of risk, and you agreed that 18 sometimes they might be purely forward-looking, 19 right? 20 MR. RUSSELL: Yes. 21 JUSTICE BARRETT: And you said: 2.2 they can contain implied representations. 23 And -- and I think Mr. Shanmugam's 24 position is that ordinarily they don't. And is

yours that they ordinarily do?

1 MR. RUSSELL: I think that may be a 2 fair representation. That is the received wisdom from all these courts in all these cases 3 in all these contexts. 4 But, at the end of the day -- and I'm 5 6 not sure that it's helpful or necessary to say 7 whether they ordinarily do or they ordinarily don't. At the end of the day, each case has to 8 be considered on its facts. 9 10 JUSTICE KAVANAUGH: Well, doesn't that 11 raise what for me is a kind of separation of 12 powers or due process concern? The SEC knows 13 how to write regulations that require disclosure 14 of past events. As we've discussed, they have 15 those kinds of regulations. 16 And what happens here is this 17 regulation does not explicitly require that, and then the question is: Okay, why not let the SEC 18 19 do that if they want to? And then we have this 20 regulation. And you say sometimes it does, sometimes it doesn't, in response to Justice 21 2.2 Barrett and the Chief, and you said it can sometimes contain an implied representation. 23 24 If you're the regulated party, you 25 don't have fair notice, one could say, of what

- 1 you're required to do. It's quesswork about
- when you're required to disclose. And you're
- 3 going to therefore -- another problem that they
- 4 raise, and I just want you to respond to all
- 5 this -- that you're going to just over-disclose
- 6 then and that's going to defeat the whole
- 7 purpose of it.
- 8 So I guess the starting point is, why
- 9 not let the SEC do this if they want to? Isn't
- there a notice problem when you do it this way?
- 11 And doesn't that, in turn, lead to
- 12 over-disclosures, which undermines the whole
- 13 kind of theory here?
- MR. RUSSELL: So I think the premise
- of the question and a major premise of the other
- 16 side's argument is that Item 105 is directed at
- disclosing only things that might happen in the
- 18 future. And that's just wrong, right? The text
- 19 of the stat -- of the regulation says --
- 20 JUSTICE KAVANAUGH: But you -- I'm
- 21 sorry to interrupt, but I just want to get this
- 22 one point out and you can keep going. A lot of
- 23 SEC regulations do specifically require
- 24 disclosure of things in the past, correct?
- MR. RUSSELL: Correct.

1	JUSTICE KAVANAUGH: And
2	MR. RUSSELL: And they also require
3	JUSTICE KAVANAUGH: and this
4	doesn't explicitly do that. Keep going, though.
5	I'm sorry to interrupt.
6	MR. RUSSELL: That a lot of
7	regulations require things that to be
8	disclosed about the past and the future. Most
9	of them do both. And so I don't think you can
10	draw any inference about what this regulation is
11	intended to do just from that fact.
12	But you can look at the regulatory
13	language, which requires disclosure of factors
14	that make the investment risky. And the fact
15	that there's been a recent misappropriation of
16	30 million users' private data that is a ticking
17	time bomb that's going to cause a hundred
18	billion dollars in damages to the company down
19	the line is a factor that makes investment in
20	the company risky.
21	JUSTICE ALITO: Well, that's a
22	MR. RUSSELL: More
23	JUSTICE ALITO: that is that is
24	an argument that seemed to me different from
25	seems to me different from the one that I

- 1 thought was presented by the question.
- 2 So there can be a situation in which
- 3 an event has happened in the past, a big data
- 4 breach, and the company knows that this thing
- 5 that happened in the past is going to have a
- 6 continuing effect, that it does not have to be a
- 7 recurrence of a similar event. We're talking
- 8 about the damage from the past event which
- 9 continues to have an effect.
- 10 That's different from the situation in
- 11 which something happened in the past, it's a
- 12 discrete event, it's over, but there's concern
- that there's a real risk that it's going to
- 14 happen in the future.
- MR. RUSSELL: I think that's right. I
- 16 think --
- 17 JUSTICE ALITO: Well, I thought we
- 18 were -- we took the case to decide the second
- 19 question, not this first question that you've --
- 20 that -- and that may be the one that fits best
- 21 with the facts of the case, but I see those two
- things as quite different.
- MR. RUSSELL: Well, but I was trying
- 24 to make the more generic point, that simply that
- 25 Item 105 is not limited to requiring disclosures

- 1 about things that may happen in the future. And
- 2 you can get that from the regulatory language.
- 3 You get it from the fact that Facebook itself
- 4 disclosed facts, including the prior occurrence
- of hacking, and it does so and with respect to a
- 6 bunch of other things.
- 7 My point is simply that nobody who
- 8 reads these things, I think, will think that a
- 9 risk factor statement that expressly discusses
- 10 past events, that is intended to inform people
- 11 about factors that make the investment risky,
- 12 which can occur in past events, who know that
- the prior versions of the regulation instructed
- 14 people that gave examples of past events is
- going to think this is only talking about the
- 16 future.
- 17 JUSTICE ALITO: Let me give you these
- 18 two situations. This is what most troubles me
- 19 about your -- your argument, although, as I -- I
- tried to bring out in questioning Mr. Shanmugam,
- 21 I see problems with his as well.
- 22 Suppose a company -- let's go back to
- 23 the fire example. Suppose a company does an
- internal -- has an inspector come -- come in.
- 25 The inspector examines the factory and says your

- 1 wiring has -- has got to be replaced, but it
- 2 can't be done in less than six months and that
- 3 there is an X percentage chance that there's
- 4 going to be a fire in your factory in the next
- 5 year.
- 6 Do they have to disclose -- if -- and
- 7 they say in their -- in the 10 -- in answering
- 8 the 10-K, if there is a fire, there may be a
- 9 significant disruption of our operations. Do
- 10 they have to disclose that internal report and
- 11 say we know that there is an X percent chance
- 12 that a fire is going to occur?
- MR. RUSSELL: So I think possibly yes,
- but this is actually the real virtual certainty
- 15 rule. So this is where something is misleading
- 16 not because it's already happened in the past
- 17 but because you are not disclosing something
- 18 that's virtually certain to happen in the
- 19 future.
- JUSTICE ALITO: Well, it's not
- 21 virtually certain. There's a certain
- 22 percentage. Let's say it's a 15 percent chance.
- MR. RUSSELL: Well, I think, if the
- statement is understood to imply that there
- 25 hasn't been a fire in the past, that's our case,

- 1 that is our claim here, and that that would be
- 2 misleading without regard --
- JUSTICE ALITO: Well, the statement --
- 4 MR. RUSSELL: -- to the probability of
- 5 occurrence.
- 6 JUSTICE ALITO: -- the statement is,
- 7 if there is a fire, there will be a substantial
- 8 disruption of our operations.
- 9 MR. RUSSELL: I think, if there has
- 10 been a fire, that --
- 11 JUSTICE ALITO: It doesn't say if
- 12 there has been. If there is a fire.
- MR. RUSSELL: No, I understand.
- JUSTICE ALITO: Okay.
- MR. RUSSELL: I understand that, but a
- 16 reasonable investor, I think, could read that as
- saying, you know, we wouldn't be talking about
- 18 fires in hypothetical terms if there had
- 19 recently been one that calls into question the
- 20 safety of the entire facility.
- 21 JUSTICE ALITO: If it calls into
- 22 question the safety of the facility, if the --
- 23 the X is high enough, if the probability of it
- 24 happening is high enough, but if -- if there was
- 25 a fire in the past because of a meteorite, I

- 1 mean, that doesn't say anything about the
- 2 probability -- it doesn't increase the
- 3 infinitesimal probability -- infinitesimally low
- 4 probability of it happening in the future.
- 5 MR. RUSSELL: I think I agree with
- 6 that. I think that event would probably be
- 7 deemed immaterial to investors because it
- 8 doesn't auger harm to the business going
- 9 forward.
- JUSTICE ALITO: All right. Well, I'll
- 11 just --
- MR. RUSSELL: But that's the opposite
- 13 of this case.
- 14 JUSTICE ALITO: -- tell you where this
- is going and I'll let you go. Unless there's a
- 16 requirement to say -- to -- to quantify in some
- 17 way the nature of the risk, whether in numerical
- 18 terms or in descriptive terms, there's a very
- 19 high risk, there's a high risk, a moderate risk,
- 20 whatever, then I don't see the basis -- I see
- 21 that to be inconsistent with the idea that the
- 22 occurrence of an event in the future which
- 23 highlights the potential for the materialization
- of the risk in the future has to be disclosed.
- I don't really see a difference between those

- 1 two.
- 2 MR. RUSSELL: Well, I don't think that
- 3 a company is entitled to mislead people about
- 4 something that occurred in the past that, under
- 5 Basic, would be a material event just because it
- 6 has an assessment that it's not going to happen
- 7 again. It's up to the investors to make that
- 8 judgment themselves, to value the company based
- 9 on their own assessment once they are put on
- 10 notice that this is actually something that
- 11 happened in the past.
- 12 JUSTICE ALITO: Thank you.
- 13 JUSTICE JACKSON: So is that why
- 14 you're sticking with -- with that -- it has to
- 15 be a statement that is -- that would cause a
- listener to infer a fact about the past is
- 17 untrue? I mean, I'm sort of with Justice Alito
- in trying to understand the probability of risk
- and whether a statement can also be misleading
- 20 if it would lead to an inference that the risk
- of future harm is zero or very low when the
- 22 speaker knows it to be much greater than that.
- Why isn't that another kind of
- 24 misleadingness that we should be thinking about
- or that the SEC was thinking about?

1 MR. RUSSELL: I -- I don't dispute 2 that that is another kind of harm and another 3 way in which a statement could be misleading. I'm simply saying this case is not about that. 4 Our theory of liability is that this 5 6 monumentally important event happened in the 7 past and Facebook misled people into thinking that it hadn't. 8 9 JUSTICE JACKSON: Okay. 10 CHIEF JUSTICE ROBERTS: Justice --11 JUSTICE SOTOMAYOR: I'm very confused. 12 I thought, when Justice Alito put in his two hypotheticals or asked which of these two 13 14 situations, something happened and it has 15 continuing risk, or something happened, no risk, 16 but it might happen -- something like it might 17 happen in the future. 18 This situation presents both, doesn't 19 it? 20 I'm sorry, I may have MR. RUSSELL: 21 misunderstood the hypothetical then. I do think 2.2 23 JUSTICE SOTOMAYOR: That's what I 24 thought he --25 MR. RUSSELL: -- I do think the -- the

- 1 reason it was so devastating to be misled about
- 2 this occurrence is both, that people were going
- 3 to be really mad when they find out about it,
- 4 which is what happened when they did, and that
- 5 it --
- 6 JUSTICE SOTOMAYOR: It happened and --
- 7 MR. RUSSELL: -- reveals other risks
- 8 about Facebook's inability to control outside
- 9 developers' access to third-party -- or to
- 10 private user data. But the ultimate question
- 11 here, I think, is simply whether there is a
- 12 categorical rule that these statements are never
- or always contain that kind of implication. I
- think everybody agrees that that's not the case.
- 15 It's always case-dependent, and it's always
- 16 fact-specific.
- 17 And so then I think what's left for
- 18 the Court in this case is to ask, did the Ninth
- 19 Circuit held something different? And --
- JUSTICE SOTOMAYOR: Thank you,
- 21 counsel.
- MR. RUSSELL: -- are you going to
- 23 decide the facts of this particular case on
- 24 whether these particular statements are
- 25 misleading? I'm happy to talk about why they're

- 1 not. We haven't focused on that question
- 2 because we took the Court to take the case to
- 3 decide the general legal question.
- 4 CHIEF JUSTICE ROBERTS: Thank you.
- 5 Justice Thomas?
- 6 JUSTICE THOMAS: This case, as Mr.
- 7 Shanmugam indicated, is about falsity. And so
- 8 at what point do we analyze that? The event
- 9 took place in -- the misuse, in 2015?
- 10 MR. RUSSELL: Yeah.
- 11 JUSTICE THOMAS: And so -- and the
- 12 statement was when?
- MR. RUSSELL: The statement was in the
- 14 2016 annual report.
- 15 JUSTICE THOMAS: So the -- do we just
- look at that period to determine whether or not
- 17 the statement is false?
- 18 MR. RUSSELL: I --
- 19 JUSTICE THOMAS: Because you made a
- 20 big -- you made a big issue of the materiality
- 21 part, which is -- and the harm, that later on
- they find out when there's full disclosure that
- you've got a hundred billion dollar loss, 30
- 24 million people's data has been -- have been --
- 25 has been disclosed, et cetera.

1	So at what point do we analyze the
2	falsity?
3	MR. RUSSELL: I think at the point
4	that they made the statement. And so the we
5	acknowledge that if the event had happened so
6	long ago that it was wasn't material, there
7	would be no liability. But, here
8	JUSTICE THOMAS: But we're not talking
9	about materiality at this point, right?
LO	MR. RUSSELL: Well, I think it would
L1	be false if they were to imply there
L2	there's an interrelationship between these two.
L3	Somebody reading a statement that is intended to
L4	put you on notice of risks to the business,
L5	would make the investment risky, is not going to
L6	read the statement as implying anything about
L7	immaterial events, right? And so, if the event
L8	
L9	JUSTICE THOMAS: So how do you know in
20	2016 whether or not it was going to have the
21	downstream the later effect of a hundred
22	billion dollars in market cap drop loss?
23	MR. RUSSELL: So I think two things
24	about that. One is I do think what actually
25	happened is probative at the least of what was

- 1 foreseeable at the time.
- 2 And I think Facebook acknowledged in
- 3 its warning statements that misuse of this kind
- 4 could seriously damage the business. And it's
- 5 only intuitive that it would because user data
- 6 is the lifeblood of the company, and if somebody
- 7 gives away your user data that you think is
- 8 private, people are going to be really angry
- 9 about that, as they were.
- 10 JUSTICE THOMAS: I understand all of
- 11 that, but for -- when -- when we're analyzing
- this for falsity, none of that comes into play.
- MR. RUSSELL: Only to the extent, I
- 14 think, that you would not understand a statement
- to imply the non-occurrence of an immaterial
- 16 event, right? And so, once you understand that
- this is a material event, I agree that how
- 18 material it is doesn't go to falsity.
- 19 JUSTICE THOMAS: And --
- 20 MR. RUSSELL: The question is did this
- 21 happen or not.
- 22 JUSTICE THOMAS: Yeah. And, finally,
- 23 what role does the fact that this is at the
- 24 motion-to-dismiss stage play in our analysis?
- MR. RUSSELL: So the question here, I

1 think, is not what's the best reading of these 2 particular statements. It is whether we have 3 plausibly alleged that a reasonable jury can conclude that these statements falsely implied 4 that the omitted event had not occurred. 5 6 That's the question that -- Facebook 7 is going to have plenty of opportunity later in 8 the case to argue to -- at summary judgment or 9 to a jury that these statements -- what these --10 a reasonable person understood these statements 11 to make -- to -- to imply. 12 But, in Omnicare, this Court correctly 13 acknowledged that what statements imply is a 14 question that is principally of fact for the 15 fact finder. And it necessarily makes these 16 kind of cases a little bit messy. It doesn't 17 provide the -- the clarity that some issuers 18 might like. 19 CHIEF JUSTICE ROBERTS: Justice Alito? 20 Justice Sotomayor, anything further? Justice Gorsuch, anything? 21 2.2 JUSTICE KAVANAUGH: I just want to 23 clarify, in response to Justice Sotomayor and 24 Justice Alito, exactly what you think that the 25 question is before us.

1 I thought the question was, in a 2 situation where you disclose the risk of an 3 event occurring in the future that could cause harm, is it false not to disclose that the 4 event -- is that statement false because you 5 6 don't disclose that that same event had happened 7 in the past even though the harm from that event 8 in the past is over? 9 MR. RUSSELL: That is the question 10 presented on -- on that question, which has --11 which is very different than what we've been 12 talking about all morning. We agree that the answer is no if --13 14 JUSTICE KAVANAUGH: Okay. 15 MR. RUSSELL: -- you know, it is not 16 misleading to omit the occurrence of an event 17 that is immaterial because it risks no business harm. And in this case, that is not this case. 18 19 JUSTICE KAVANAUGH: Okay. I'll read 20 the transcript on that. 21 Okay. And then the second thing, on Justice Thomas's point, I mean, getting past the 2.2 23 motion, just to put the real world into this for 24 a second, getting past the motion to dismiss is 25 kind of -- it's the game, right?

1 MR. RUSSELL: I don't think so. A lot 2 of these cases go to summary judgment, and we've collected a number of cases in which --3 JUSTICE KAVANAUGH: Well, it's a big 4 -- it's a big part of the decision. 5 6 MR. RUSSELL: It is. It is big and it 7 is important. JUSTICE KAVANAUGH: So it's just --8 9 I'm just stating this. It's not just, oh, it 10 can all be resolved at summary judgment. 11 There's a huge -- there's a huge issue at stake 12 just getting past the motion to dismiss in a lot 13 of these cases. I think everyone --14 MR. RUSSELL: No, I acknowledge that, 15 but I think, at the end of the day, the question 16 here is whether these statements are capable of 17 implying that an event like this hasn't occurred 18 in the past, and if the answer is they are, then 19 I don't think any amount of policy argument in 20 the world will justify saying that they aren't. 21 And if this Court adopts a categorical 2.2 rule that's saying statements of this kind are agnostic as a categorical rule about what 23 24 happened in the past, then I think you are 25 effectively saying that some statements that

- 1 actually are misleading are not, that they're
- 2 not actionable. And that, we respectfully
- 3 suggest, is the office of a safe harbor, which
- 4 Congress authorized the SEC, not the courts, to
- 5 develop.
- 6 JUSTICE KAVANAUGH: Okay. Thank you
- 7 for your answers. Appreciate it.
- 8 CHIEF JUSTICE ROBERTS: Justice
- 9 Barrett?
- 10 Justice Jackson?
- 11 JUSTICE JACKSON: Just to quickly
- 12 clarify your response to Justice Kavanaugh. So
- it's your view that this past event did present
- 14 a risk of future business harm?
- MR. RUSSELL: Yes.
- JUSTICE JACKSON: Is that right?
- 17 MR. RUSSELL: That is right.
- JUSTICE JACKSON: And so that's why
- 19 you think their question presented doesn't
- 20 accurately capture what was going on, because
- 21 they sort of suggest that it doesn't?
- 22 MR. RUSSELL: Right. And the only
- 23 reason that Facebook has ever given why the
- 24 misappropriation of 30 million users' private
- data didn't risk business harm, didn't risk

1 people being really mad when it finally came 2 out, is their claim that the public learned the truth in 2015 and didn't care. 3 JUSTICE JACKSON: Thank you. 4 MR. RUSSELL: And -- okay. 5 6 CHIEF JUSTICE ROBERTS: Thank you, 7 counsel. Mr. Barber. 8 ORAL ARGUMENT OF KEVIN J. BARBER 9 10 FOR THE UNITED STATES, AS AMICUS CURIAE, 11 SUPPORTING THE RESPONDENTS 12 MR. BARBER: Mr. Chief Justice, and 13 may it please the Court: 14 Petitioners ask this Court to immunize 15 from fraud liability risk-factor statements that 16 misleadingly depict a risk as hypothetical when 17 it has already materialized. That argument is 18 flawed as a matter of law and common sense. 19 Indeed, Petitioners now appear to 20 recognize that a risk statement can implicitly 21 misrepresent the past. That is exactly what Facebook's statements did here. 2.2 There's been some discussion about the 23 24 question presented and the extent to which it

accurately captures what the court of appeals

- 1 held. We agree with Respondents that it does
- 2 not. Given the obvious importance of the
- 3 Cambridge Analytica matter to Facebook's
- 4 business, which depended so heavily on user
- 5 data, the court of appeals had no occasion to
- 6 hold that the nondisclosure of an unimportant
- 7 event renders a risk statement misleading.
- 8 That's why Petitioners have raised the
- 9 broader argument that a risk statement
- 10 categorically implies nothing about the past.
- 11 This Court rejected a very similar argument in
- 12 the Omnicare case, and it should take the same
- 13 course here.
- I welcome the Court's questions.
- 15 JUSTICE THOMAS: Mr. Shanmuqam said
- that you have the burden of or should have the
- 17 burden of saying exactly what else they should
- 18 have said to meet the requirements of 105 and
- 19 10b.
- MR. BARBER: I don't think that's
- 21 Respondents' burden, but I do think that
- 22 Respondents gave a good answer to that question,
- 23 which is Facebook should have said at least that
- they had experienced a significant episode of
- 25 misappropriation of user data. That would have

- 1 avoided the misleading impression left by the
- 2 statements that they did make here.
- JUSTICE THOMAS: Was it considered
- 4 significant in 2016 when they filed -- filed the
- 5 statement, the 105 statement?
- 6 MR. BARBER: Yes, I think it certainly
- 7 was considered significant based on the actions
- 8 that Facebook took, emailing Cambridge Analytica
- 9 quite quickly after determining that its
- 10 policies had been violated, directing them to
- 11 delete the data.
- 12 I think Facebook was, at least on the
- allegations of this complaint, highly aware of
- 14 the great risk to its business that was posed by
- 15 this episode.
- 16 CHIEF JUSTICE ROBERTS: Do you -- do
- 17 you agree with Mr. Russell that a probabilistic
- 18 statement sometimes implies that the event
- 19 hadn't occurred and sometimes implied that the
- 20 event had occurred?
- MR. BARBER: I do. And I think, to
- 22 the Chief Justice's question earlier, I agree
- 23 with Respondents that these kinds of matters are
- 24 not susceptible to bright-line rules. That goes
- 25 for falsity. That goes for materiality.

1 And it would be foreign to the common 2 law of fraud and this Court's securities law 3 jurisprudence to impose the kind of bright-line -- I don't want to call it 4 categorical -- but bright-line rule that 5 6 Petitioners seem to be advancing. It depends on 7 the particular statement, the particular kind of risk under discussion. 8 9 CHIEF JUSTICE ROBERTS: Well, in such a complicated scenario of that sort, sometimes 10 11 it's yes, sometimes it's no. It depends on the 12 particular context. That does seem something that it would be nice for your -- or something 13 14 that your client, the Securities and Exchange 15 Commission, might want to exercise its expertise 16 with respect to it. 17 Instead, it, I think, was suggested 18 earlier that this is a good case where we, the 19 Court, can provide a lot of guidance on how you should apply these things. 20 21 Are you concerned about that, that we 2.2 may not do as good a job as the SEC? 23 MR. BARBER: I think, as long as you 24 confine yourself to what Respondents have 25 suggested the Court hold, which is a statement

- 1 like this is misleading on this theory only
- 2 insofar as it implicitly misrepresents that the
- 3 relevant event has not already occurred, and
- 4 then the past event that did occur has to be
- 5 material, if the Court so held, I think that
- 6 would be fine.
- 7 The SEC could always say more about
- 8 this, provide more guidance, but that would be
- 9 true in any kind of case involving a half-truth.
- 10 JUSTICE ALITO: Well, under what
- 11 circumstances does a statement that is framed
- 12 like this, if X event occurs, then our business
- 13 will be hurt, under what circumstances does a
- 14 statement that is framed like that imply that
- 15 the event is not going to happen?
- MR. BARBER: So, when the relevant
- 17 risk is something that any reasonable person
- 18 would expect to have occurred and would have
- 19 expected the company to confront in the past,
- then you wouldn't have that kind of implication.
- JUSTICE ALITO: Well, it's -- so it's
- 22 a -- it isn't a false implication if the risk of
- 23 the thing happening in the past is more than
- 24 some quantity, it's more than X, the risk has to
- 25 be more than X in order for that -- a statement

- 1 like that to be misleading?
- 2 MR. BARBER: Are you positing that
- 3 that's what the statement itself says?
- 4 JUSTICE ALITO: I'm positing that the
- 5 statement says exactly what I said it says. It
- 6 says that if -- if there is a fire in the plant,
- 7 our operations will be disrupted. It's framed
- 8 like that. Under what circumstances is that
- 9 misleading?
- 10 MR. BARBER: I think that would be
- 11 misleading if the company, the manufacturer, had
- 12 recently suffered a significant fire that, you
- 13 know, would be implicitly interpreted as in
- 14 conflict with the representation that the issuer
- 15 was making.
- 16 JUSTICE ALITO: Okay. Well, I don't
- 17 want to dwell on things that fall out of the
- 18 sky, but what about the situation where the fire
- is caused by something that's utterly freakish?
- 20 Something fell -- a meteor -- a meteorite fell
- 21 out of the sky or some crazy person who was
- 22 hearing voices decided that that person was
- 23 going to go throw a Molotov cocktail in the
- 24 window of this plant.
- 25 MR. BARBER: I don't know if the

1 source of the fire in particular matters. 2 the company is warning a risk of fire may affect our business negatively and then a devastating 3 fire had just affected the business and had 4 these serious implications for the business's 5 6 ability to compete going forward, I think that 7 could well be --8 JUSTICE ALITO: So even --9 MR. BARBER: -- misleading. 10 JUSTICE ALITO: -- even in those 11 situations, it's caused by a meteorite or it's 12 caused by the crazy Molotov cocktail thrower, 13 you would say you've got to disclose that 14 because a reasonable investor would want to 15 know? 16 MR. BARBER: A reasonable investor --17 JUSTICE ALITO: Maybe because the investor would think the place is haunted or 18 19 it's cursed because this happened in the past. JUSTICE KAGAN: Well, isn't what the 20 reasonable investor would want to know in that 21 2.2 situation -- and I agree these are two different 23 situations, but, in that situation, what the reasonable investor would want to know is that 24 25 there wasn't any plant. No matter, you know,

- 1 what had caused the fact there wasn't any plant,
- there wasn't any plant, so there wasn't going to
- 3 be any output, so there wasn't going to be any
- 4 business.
- 5 JUSTICE ALITO: Well, that's -- I
- 6 mean, what I'm talking about is not -- it's not
- 7 -- it doesn't wipe out the plant. It causes a
- 8 certain amount of damage, and then it's brought
- 9 under control.
- 10 JUSTICE KAGAN: No. So, still, what
- 11 the reasonable investor would want to know is --
- 12 we enjoy this sometimes.
- 13 (Laughter.)
- MR. BARBER: Please.
- 15 CHIEF JUSTICE ROBERTS: Only -- only
- 16 sometimes.
- 17 JUSTICE KAGAN: Is that, you know,
- 18 50 percent of the capacity had been wiped out,
- 19 right?
- MR. BARBER: Right.
- 21 JUSTICE KAGAN: Now there are other
- 22 cases where what the reasonable investor would
- want to know is, oh, my gosh, there appear to be
- 24 -- there appears to be insufficient, inadequate
- 25 management, operational controls, such that the

- 1 same thing could happen again.
- 2 And -- and so those are two different
- 3 hypotheticals, but I imagine your view would be
- 4 on either event, if -- if -- you know, a
- 5 reasonable investor might want to know that, and
- 6 the -- and the hypothetical statement might
- 7 suggest the contrary of what is true.
- 8 MR. BARBER: Right. My only point is
- 9 that if you have a statement like our business
- 10 is at risk of fire, and if that happens, our
- 11 business would be negatively affected in all
- 12 these ways, that can reasonably leave the --
- 13 leave the implicit representation that the
- 14 business had not just suffered a significant
- 15 fire.
- JUSTICE GORSUCH: Mr. Barber, on
- 17 that --
- MR. BARBER: Yes.
- 19 JUSTICE GORSUCH: -- it -- it
- does seem to me we're talking about two totally
- 21 different things, risks in the future and
- damages from the past, and if we're talking
- about damages from the past, how is that a risk
- 24 factor that's clearly covered by one -- 105 as
- opposed to something that should be disclosed

perhaps in 101 or 303, first of all? 1 2 And, second of all, if you want to cram in risks from past events into 105, why 3 would we do that given the adoption of 106, 4 which addresses these kinds of very problems and 5 6 doesn't require that? 7 MR. BARBER: So a few things on that, Justice Gorsuch. 8 9 We agree with Respondents that Item 10 105 is not limited in its text to the disclosure of future events and future risks. Facebook's 11 12 own practices, as you can see in the 10-K at 13 issue here, are consistent with that. 14 entire 10-K is reproduced in Volume 2 of the 15 Joint Appendix. And literally every section of 16 it or I think almost every section includes 17 discussion of some past event, some present 18 condition. So Item 105 is not limited to those 19 kinds of future-looking disclosures. 20 Item 106 did emphasize for issuers --21 and this was promulgated well after the events 2.2 in this case and after the 10-K was filed here 23 -- it emphasized that issuers do sometimes have

to disclose past cybersecurity incidents.

doesn't mean that there's never any obligation

24

- 1 to discuss past events under Item 105 when
- 2 necessary to avoid a misleading impression in
- 3 the statements that are made here.
- 4 JUSTICE GORSUCH: What do you say to
- 5 the 101 and 30 -- 303?
- 6 MR. BARBER: I think the kind of
- 7 disclosure that needed to happen here was much
- 8 more at home in the risk factors section than in
- 9 those sections. So 303 is about the Management
- 10 & Discussion -- Management Discussion &
- 11 Analysis.
- 12 JUSTICE GORSUCH: Known trends and
- 13 uncertainties that have had, have had, a
- 14 material unfavorable impact. That would seem to
- me a heartland case for some destruction of your
- 16 -- some portion of your facility, whether due to
- 17 fire or meteorites or both.
- 18 And 101, information material to an
- 19 understanding of the general development of the
- 20 business.
- MR. BARBER: Yes. I'm not saying that
- the information would be inappropriate in those
- 23 sections. I just think it's very telling that
- if you look, for example, at Facebook's first
- 25 10-K after the news really came out in March

- 1 2018, they discuss the Cambridge Analytica
- 2 episode in multiple locations of that 10-K. It
- 3 was all in the risk factors section. I think it
- 4 was predominantly in the risk factors section.
- 5 So this is where investors do look for this kind
- of information, so I think that's an important
- 7 fact.
- 8 Another great example is in the actual
- 9 10-K that was filed, if you look at page 464 of
- 10 the Joint Appendix, they specifically disclosed
- 11 having discovered a bug in one of their
- 12 algorithms in late 2015, which is exactly the
- 13 time when they discovered the Cambridge
- 14 Analytica matter.
- 15 CHIEF JUSTICE ROBERTS: Thank you,
- 16 counsel.
- 17 Justice Thomas?
- Justice Sotomayor?
- JUSTICE SOTOMAYOR: I'm listening to
- Justice Gorsuch go through 101 and 103, and they
- 21 seem even less precise than what Justice
- 22 Kavanaugh was seeking for the SG to do. It
- 23 seems like both are -- are asking for the SEC to
- 24 anticipate every potential risk for any type of
- company and then spell out what they have to

- 1 say.
- 2 You can't do that. So point out to
- 3 what in 105 -- what in the -- in the language of
- 4 105 suggests that it covers this.
- 5 MR. BARBER: Sure. So Item 105 speaks
- 6 to material factors that render an investment in
- 7 the offering or the registrant risky or
- 8 speculative. So I think it's perfectly natural
- 9 to say that not only the potential future
- 10 occurrence of incidents like cyber -- Cambridge
- 11 Analytica would be such a material factor but
- 12 also --
- 13 JUSTICE SOTOMAYOR: This wasn't a
- 14 cyber attack, as Respondents said.
- 15 MR. BARBER: Correct.
- 16 JUSTICE SOTOMAYOR: This was misuse by
- 17 -- by a user who was given permission --
- 18 MR. BARBER: Correct.
- JUSTICE SOTOMAYOR: -- by Meta. Okay.
- 20 Go ahead.
- 21 MR. BARBER: Correct. So I think this
- 22 kind of event is comfortably encompassed by the
- language of Item 105. We're not saying they had
- 24 to get into the specifics of Cambridge
- 25 Analytica, but they at least had to acknowledge

- 1 that events of this nature had previously
- 2 occurred in order to avoid leaving the kind of
- 3 misleading impression that was left here.
- 4 And I don't think, as Your Honor was
- 5 suggesting, there's no basis in this Court's
- 6 case law for the idea that the SEC has to
- 7 specifically lay out the particular kind of
- 8 half-truths that a disclosure may make to the
- 9 investing public in order for those to be
- 10 actionable under Rule 10b-5.
- 11 JUSTICE SOTOMAYOR: Or exactly what
- 12 won't previously --
- MR. BARBER: Right. The fact that
- 14 this -- the elements of this cause of action
- 15 require what a reasonable investor would think,
- that is enough of a protection. So I don't
- 17 think there's any kind of fair notice issue
- 18 here.
- 19 JUSTICE SOTOMAYOR: And in terms of
- this question, you say it fits, and I agree with
- 21 you, under 105 because of what could -- they
- 22 knew they had a 30 million user misuse. They
- 23 knew that it had not been erased by the company.
- 24 And when they sought Cambridge's assurances that
- 25 they had destroyed the data, they were told

- 1 nothing. So they knew there was a risk to their
- 2 reputation at that point.
- MR. BARBER: Yes. The way we know
- 4 that this belonged under Item 105 is that the
- 5 very risk statement that was rendered misleading
- 6 by the omission of this information was made in
- 7 the risk factors section of the 10-K.
- JUSTICE SOTOMAYOR: Thank you.
- 9 CHIEF JUSTICE ROBERTS: Justice Kagan?
- 10 JUSTICE KAGAN: I thought that Justice
- 11 Alito, one of the questions he was interested
- in, and if not, I'll just say I'm interested in
- it, is how do we know when it is that you have
- 14 to put in these past events. And you and Mr.
- 15 Russell have said don't -- you know, you don't
- have to put in anything that's not material.
- 17 MR. BARBER: Correct.
- JUSTICE KAGAN: But, as to things that
- 19 are material, you don't seem to be imposing any
- 20 higher bar. In other words, that seems to be
- 21 your only dividing line, is it material or is it
- 22 not.
- 23 And I guess maybe this goes back to
- 24 Justice Barrett's question too. Is there some
- 25 higher standard that we might use in this area

- 1 to prevent a mass of cases that are perhaps less
- viable, less meritorious than this one might be
- 3 thought?
- 4 MR. BARBER: Yes, but I think that bar
- 5 is what we've been discussing, which is the need
- 6 to show not just that the omitted fact is
- 7 material but that the omission rendered the
- 8 affirmative statement that's made misleading
- 9 because the statement implicitly misrepresents
- 10 that the event never occurred.
- I think that's a requirement with real
- teeth because, if you have a statement, say,
- that is phrased in very general terms like, our
- business may struggle with users trusting us in
- 15 the year ahead, that may harm our business
- 16 because we depend on ad revenue, that kind of
- 17 general statement is much less likely to lead a
- 18 reasonable invest -- investor to think anything
- in particular about the past occurrence of
- 20 misappropriation of user data.
- 21 But the problem with the statements
- 22 here is that they were reasonably specific and
- 23 they were talking about a specific category of
- 24 risk, which invites the reasonable investor to
- 25 think no significant episode of that kind of

- 1 risk has already materialized.
- 2 So I think it's -- I think it's a real
- 3 limit on our position, and I think the Court
- 4 could well make that clear, that you have to
- 5 look at the generality of the statement. If the
- 6 statement does acknowledge that events of this
- 7 kind have occurred, even if you don't get into
- 8 the specifics of the relevant event, it's going
- 9 to avoid the kind of misleading impression that
- 10 could otherwise be left. So it's not just
- 11 materiality.
- 12 JUSTICE KAGAN: Thank you.
- 13 CHIEF JUSTICE ROBERTS: Justice
- 14 Gorsuch?
- 15 JUSTICE GORSUCH: Sorry to prolong
- 16 this, but to what extent does that incentivize
- 17 companies to just be more general in their
- 18 disclosures?
- I mean, you said, if they raise it up
- a level of generality, it's less likely to be
- 21 misleading, so you're going to have more -- more
- 22 useless disclosures, potentially, out -- out of
- 23 this. Is the SEC concerned about that? I mean,
- 24 you know, our -- our -- our ad revenue might be
- 25 harmed if our reputation's at risk from anything

- 1 we do.
- 2 MR. BARBER: I don't think that that's
- 3 a major concern for us just because this has
- 4 been the law, for example, in the Ninth Circuit
- 5 since at least 2008 with the Berson case. We
- 6 haven't seen this kind of danger arise. That's
- 7 Facebook's home circuit. And they provided a
- 8 lot of very helpful, detailed risk-factor
- 9 statements in the relevant 10-K at issue here.
- 10 JUSTICE GORSUCH: Now -- and now they
- 11 may not.
- MR. BARBER: Well, that's -- that is
- 13 the kind of issue that I think the SEC is well
- 14 equipped to deal with. If that, you know, were
- to result from affirming the court of appeals'
- 16 judgment, then the SEC could look at that. It's
- 17 tinkered with Item 105 before to change the
- 18 standard for what needs to be disclosed, and it
- 19 could well do so again. Yes.
- 20 CHIEF JUSTICE ROBERTS: Justice
- 21 Kavanaugh?
- JUSTICE KAVANAUGH: You said there's
- 23 no fair notice issue here. I guess -- I guess
- I'm not really seeing that, because all the
- 25 hypotheticals have illustrated a lot of

- 1 uncertainty about when a company would be
- 2 required to disclose and why not.
- 3 But that blends back into the question
- 4 I raised earlier and the Chief raised, which is:
- 5 Why can't the SEC just write a reg? It's very
- 6 simple, I think, to add to 105 something like:
- 7 When the company discloses the risk of a future
- 8 event that could cause harm, also disclose any
- 9 past occurrences of that event.
- 10 MR. BARBER: I think --
- 11 JUSTICE KAVANAUGH: Why -- could the
- 12 SEC do that?
- MR. BARBER: -- the SEC could always
- 14 be clearer in this regard, and maybe it could
- someday, but I don't think the SEC feels that it
- 16 hasn't already written the regs.
- 17 JUSTICE KAVANAUGH: Well, why -- I
- 18 mean, why does the judiciary have to walk the
- 19 plank on this and -- and answer that question
- 20 when the SEC could do it with all the
- 21 uncertainty and all the hypotheticals that have
- 22 arisen, which, in turn, at least as I see it,
- just speaking for myself, raises a lot of
- 24 questions for companies about what they have to
- 25 disclose and what they don't?

1 And they're, of course, going 2 forward -- going -- looking backward, they're 3 going to be stuck with liability. Going forward, they're just going to disclose 4 everything --5 6 MR. BARBERT: Right. JUSTICE KAVANAUGH: -- which defeats 7 the whole -- well, at least as I understand it, 8 9 the whole purpose. So --10 MR. BARBER: Right. 11 JUSTICE KAVANAUGH: -- attack any one of those premises or -- or -- that you want. 12 MR. BARBER: So, Justice Kavanaugh, a 13 14 few things on that. 15 I think one of the signs of a weak 16 policy argument is that you could make it in 17 either direction equally. You could equally argue that issuers will be disincentivized --18 19 kind of what Justice Gorsuch was getting at --20 they would be disincentivized to make risk disclosures because of fear of liability. 21 2.2 The likeliest scenario here is that 23 risk disclosures would remain about the same Issuers would just be a little bit more 24 length. 25 careful about disclosing past materializations

- 1 of the risk. I think the SEC did write the 3 regulations that it needed to write here, writing Item 105, writing Rule 10b-5, writing 4 Rule 12b-20, saying that not only do you have to 5 disclose the things that are directly required 6 7 to be disclosed by Regulation S-K, but you also have to disclose whatever else is necessary to 8 avoid those statements being misleading. 9 10 That is enough. This Court -- this is 11 a bread-and-butter half-truth case. In 12 half-truth cases, this Court and other courts 13 don't constantly ask: Has the SEC or has the 14 regulator directly said that this kind of 15 falsity is -- is required or is -- is 16 prohibited? 17 And to that point as well --18 JUSTICE KAVANAUGH: But I quess the 19 problem there -- last question, sorry.
- But the -- there's not one reasonable 20
- person -- reasonable people are going to have 21
- 2.2 different views about what -- whether the lack
- 23 of disclosure of the past event occurring makes
- 24 the current statement misleading. I mean,
- 25 you're going to get wildly different answers, as

- 1 you've heard from the questions from the nine of
- 2 us. So that's -- that's the concern.
- 3 MR. BARBER: I appreciate that. I
- 4 think I would go back to the Omnicare case again
- 5 and just say, in that case, the Court said:
- 6 Whenever you have a provision that prohibits
- 7 half-truths, not just outright lies, you're
- 8 going to have some uncertainty and it's not
- 9 going to be completely cut and dry.
- 10 That was a case involving a provision
- 11 that's strict liability, Section 11 of the
- 12 Securities Act. Here, we have a provision that
- 13 requires scienter. The PSLRA requires strong
- 14 pleading, strong inference of scienter. So
- that's another protection against limitless
- 16 liability of the kind Petitioners fear.
- 17 JUSTICE KAVANAUGH: Okay. Thank you
- 18 very much.
- MR. BARBER: Thank you.
- 20 CHIEF JUSTICE ROBERTS: Justice
- 21 Barrett?
- JUSTICE BARRETT: Mr. Barber, I think
- 23 I heard you tell Justice Gorsuch that your
- 24 position is -- has been the settled law. Did I
- 25 hear you correctly?

1	MR. BARBER: Yes. In the Ninth
2	Circuit, it has for many years, I think
3	JUSTICE BARRETT: Outside of the Ninth
4	Circuit? I mean, what I'm getting at is I'm
5	wondering how your position differs from the
6	virtual certainty test that several other
7	circuits apply. Is it different?
8	MR. BARBER: Well, so I think that the
9	problem with that, Justice Barrett, is that the
10	other circuits don't apply the virtual certainty
11	rule in the way that Petitioners say they do.
12	What the other circuits say what
13	most circuits say is: A risk statement can be
14	false or misleading if either, A, the risk has
15	already materialized, which is our case, or, B,
16	the risk hasn't materialized, but it's virtually
17	certain to do so. And that's fine. I don't
18	think anybody has a quarrel with that at least
19	for purposes of this case.
20	What Petitioners are saying is that
21	the virtual certainty rule says: Even in that
22	Category A, this kind of case, the statement is
23	only misleading if the undisclosed past event is
24	virtually certain to harm the business.
25	That's wrong. I don't think any

- 1 circuit applies that rule.
- 2 There's one case from the Tenth
- 3 Circuit that if you look at the end of the
- 4 relevant section of the court's opinion, the
- 5 Indiana Public Retirement case, the court does
- 6 seem to apply it that way, and we think that's
- 7 wrong. But, even above that, in that opinion,
- 8 the court describes the rule correctly, the way
- 9 I just described it.
- The problem with the virtual certainty
- 11 rule as Petitioners imagine it is that it would
- 12 distort the materiality standard because it's
- 13 never been thought that the omission of a
- 14 particular fact is only actionable if it's
- virtually certain to harm the business.
- 16 The standard under this Court's cases
- 17 is: Would a reasonable person view the
- information as significantly altering the total
- 19 mix of information bearing on the investment
- 20 decision?
- 21 JUSTICE BARRETT: Does the
- 22 government's position differ from the virtual
- 23 certainty rule as it already exists? I mean as
- it exists? You're -- you're saying that Mr.
- 25 Shanmuqam has mischaracterized what the virtual

- 1 certainty rule requires.
- 2 But, as the law actually exists, as
- 3 you described it, does the SEC's position differ
- 4 from that? Would we be shifting the law if
- 5 we -- if we go your way, do -- do -- do those
- 6 circuits now have it wrong?
- 7 MR. BARBER: I don't think we have a
- 8 firm position on that for purposes of this case
- 9 because, again, we're not in that second
- 10 category of cases where we're just dealing with
- 11 a potential future event and the likelihood of
- 12 it.
- Given the fact that, as has been
- 14 discussed, Item 105 doesn't require specific
- 15 quantification of the risk, you don't need to
- 16 say, like, 70 percent or whatever, then
- 17 probably, in most cases, to show that that is
- 18 false based on the understatement of the risk,
- 19 you would probably have to show something like a
- 20 virtual certainty to actually make that
- 21 actionable.
- JUSTICE BARRETT: Okay. Thank you.
- 23 CHIEF JUSTICE ROBERTS: Justice
- 24 Jackson?
- 25 JUSTICE JACKSON: So I think what's a

- 1 little tough for your position is that I don't
- 2 know that this is a bread-and-butter half-truth
- 3 case, as you've said, because I would think that
- 4 a bread-and-butter half-truth case exists
- 5 against the backdrop of a duty to disclose the
- 6 information.
- 7 And what Petitioner says is there is
- 8 no standalone obligation to talk about past
- 9 events, and it's not rendered misleading if we
- 10 have this purely futuristic statement.
- 11 So it seems to me to be different than
- 12 the standard half-truth. And the way I'm
- thinking that it might still trigger liability
- is that it becomes potentially misleading in a
- 15 continuing harm scenario, the kind that Justice
- 16 Alito keeps pointing to, that you didn't have to
- 17 say originally that you -- that this past thing
- 18 happened, but if the past thing happens and
- 19 before the harm completely materializes, before
- the harm completely happens, you have to make a
- 21 disclosure statement that maybe there's
- 22 something misleading about making your statement
- 23 purely futuristically in that situation because
- 24 it leads investors to underestimate the risk or
- 25 the potential for the future harm.

MR. BARBER: So, Justice Jackson, a 1 2 couple of things on that. I -- I disagree that you only have a 3 4 half-truth if you're under some kind of regulatory disclosure requirement. Half-truth 5 claims are not limited to that particular 6 7 context. The reason why we're in that situation 8 here is that if a company isn't subject to a 9 10 disclosure requirement like Item 105, then they 11 don't have much incentive to go around the 12 markets telling people how risky their investments might be in the company. So I think 13 14 that's important. 15 But I also do disagree at a second 16 level that Item 105 just doesn't ever require 17 disclosure of past events, because what it 18 requires disclosure of is material factors that 19 render an investment in the company risky or 20 speculative, and that can readily encompass past events, present conditions, and potential future 21 2.2 events. 23 JUSTICE JACKSON: Thank you.

Heritage Reporting Corporation

CHIEF JUSTICE ROBERTS: Thank you,

24

25

counsel.

1	MR. BARBER: Thank you.
2	CHIEF JUSTICE ROBERTS: Mr. Shanmugam,
3	rebuttal?
4	REBUTTAL ARGUMENT OF KANNON K. SHANMUGAM
5	ON BEHALF OF THE PETITIONERS
6	MR. SHANMUGAM: Thank you, Mr. Chief
7	Justice. Four points.
8	First, let me start with Respondents'
9	and the government's test. Mr. Russell said
10	that under their test, risk disclosures can and
11	frequently do imply something about the past.
12	But, as Justice Kagan asked, the devil is in the
13	details. How do you determine when risk
14	disclosures fall on that side of the line?
15	From Respondents' and the government's
16	brief, it seemed like their answer was the
17	materiality requirement. If omitted information
18	is important to a reasonable investor, then the
19	risk disclosure contains an implication about
20	that.
21	But there are a couple of problems
22	with that. The first is the one that we
23	discussed in my opening argument, which is that

that conflates and collapses the elements of

falsity and materiality. And, second,

24

1 materiality really doesn't provide a great deal 2 of protection because it is a relatively low bar. And so I think, as it stands, that rule 3 would be a categorical rule by any other name. 4 Now Mr. Russell also suggested in 5 points of his argument that it's really all 6 7 about the intuition as to whether or not the event is of the sort that has occurred in the 8 9 past. And so bad publicity would presumably fall on the side of the line of something a 10 reasonable investor would understand has 11 12 occurred in the past, and Justice Alito's meteor strike or Molotov cocktail would not. 13 14 I would submit that we would prevail 15 under such a standard because a reasonable 16 investor would think that Facebook had suffered 17 episodes of data misuse in the past. think the problem with an intuition-based test 18 19 is it's not really an administrable standard and 20 it's not an objective one. And I would submit that it's a very difficult one for a defendant 21 2.2 to prevail on on a motion to dismiss. 23 Most of the cases in the circuit conflict have come up on and been resolved on a 24

motion to dismiss. And remember that we're not

- 1 just dealing with the ordinary Twombly/Igbal
- 2 standard here. We're dealing with the
- 3 heightened pleading standard of the PSLRA under
- 4 which both the statements themselves and the
- 5 reasons why the statements are misleading must
- 6 be pleaded specifically.
- 7 Second, the wording of the statements
- 8 here. Mr. Russell said that what we should have
- 9 said was such improper data misuse has occurred
- in the past, including recently on a substantial
- 11 scale. The problem with that formulation is
- 12 that all of that was in the public domain. This
- 13 Court can judge that for itself. The articles
- 14 that were in the public domain before the 10-K
- are at Joint Appendix 616 to 630. It was public
- that millions of users' data were in play as a
- 17 result of what took place here.
- 18 And to the extent that Mr. Russell
- 19 relies on the hundred billion dollar alleged
- 20 drop in the stock price, that took place after
- 21 the continued misuse became public, but it is
- 22 clear that that continued misuse is no longer in
- 23 the case. It was waived below, and that was for
- 24 good reason because the district court said that
- 25 no responsible person at Meta was aware of that

1 continued misuse at the time of the 10-K in 2 early 2017. What should this Court do here? Well, 3 I think that this Court should write an opinion 4 that simply says that statements like this one 5 and others like it contain no implied 6 7 representation that the previous triggering event had never occurred, and this Court should 8 9 rely on the context of Item 105, where I would 10 note parenthetically the SEC requires 11 disclosures to be concise, not voluminous. 12 And the Court can make clear, as it 13 did in Omnicare, that the answer naturally 14 depends on the wording or the context in which 15 the statement was made. So, if you have a 16 defendant that says something about the 17 probability of the event occurring or said 18 something like if this event were ever to incur, 19 thereby implying that it had not occurred in the 20 past, the outcome could be different. 21 Finally, just a word about the implications of this case. The effect of 2.2 23 accepting either Respondents' or the government's position would be to hold a company

liable for securities fraud precisely because it

24

- 1 warned of the specific risk at issue,
- 2 presumably, on the theory that a company failed
- 3 to catalogue all of the prior episodes of the
- 4 event occurring.
- 5 That would create a regime that is
- 6 effectively a regime of omissions liability
- 7 because what you would be saying is that if a
- 8 company warns about a genus of risk, it is on
- 9 the hook for any previous episode that has not
- 10 been disclosed. That would place an onerous
- obligation on companies not only to disclose
- initially but continually to update its risk
- 13 disclosures in its quarterly reports, and it
- 14 would penalize companies for doing the right
- thing and what Item 105 requires, which is to
- identify risks that may affect the company's
- 17 business.
- 18 The Ninth Circuit's formulation of
- 19 this standard here cannot stand, and for that
- reason, we would submit its judgment should be
- 21 reversed. Thank you.
- 22 CHIEF JUSTICE ROBERTS: Thank you,
- 23 counsel. The case is submitted.
- 24 (Whereupon, at 11:47 a.m., the case
- was submitted.)

auger [1] 70:8

Official - Subject to Final Review

	Offic
1	630 [1] 110 :15
10 [3] 10 :15 23 :11 68 :7	7
10-B [2] 37: 2,5	70 [1] 105 :16
10-K [15] 8 :19 13 :1,2 21 :25	
68 :8 90 :12,14,22 91 :25 92 :	8
2,9 95 :7 98 :9 110 :14 111 :	8-K [1] 18 :13
1	81 [1] 2: 11
10:03 [2] 1: 15 3: 2	Α
101 [6] 17 :17 26 :7 90 :1 91 :	a.m [3] 1:15 3:2 112:24
5,18 92 :20	abandoned [1] 5:4
103 [1] 92 :20	ability [2] 9:2 87:6
105 [42] 6 :13 7 :14,20,21 17 :	able [1] 6: 15
15 19: 5,7,13 20: 15 25: 16	above [1] 104:7
27 :5,10 29 :12,15,18 47 :17,	above-entitled [1] 1:13
18 51 :18 53 :5 64 :16 66 :25 82 :18 83 :5 89 :24 90 :3,10,	absent [1] 45:19
18 91 :1 93 :3,4,5,23 94 :21	absolute [4] 20:11,12,13
95:4 98:17 99:6 101:4 105:	58 :22
14 107 :10.16 111 :9 112 :15	accepting [2] 19:21 111:
106 [5] 17 :19 26 :23 41 :3 90 :	23
4.20	access [4] 8:10 36:17 62:
108 [1] 2:14	11 73:9
10b [2] 53: 6 82: 19	account [1] 12:9
10b-5 [3] 44 :12 94 :10 101 :	accurately [2] 80:20 81:25 accuse [1] 34:21
4	accuse [1] 34:21
11 [1] 102: 11	accused 1/121:10
11:47 [1] 112: 24	acknowledge [10] 15:10
12b-20 [1] 101:5	16 :12,18 19 :12 36 :4 45 :8
15 [1] 68: 22	75 :5 79 :14 93 :25 97 :6
19 [1] 20:14	acknowledged [2] 76:2
2	77 :13
2 [1] 90:14	acknowledging [2] 40:16
2008 [1] 98:5	52 :12
2015 [5] 60 :23 61 :11 74 :9	Act [1] 102:12
81: 3 92 :12	action [2] 61:2 94:14
2016 [4] 61: 3 74: 14 75: 20	actionable [6] 4:7 55:15
83:4	80:2 94: 10 104: 14 105: 21
2017 [1] 111: 2	actions [1] 83:7
2018 [2] 59 :5 92 :1	actual [3] 11:6 51:2 92:8
2024 [1] 1:11	actually [16] 12:7 14:10,14 19:4 23:22 34:8 46:13 47:
23-980 [1] 3:4	22 57 :18 60 :18 68 :14 71 :
24 [1] 23 :12	10 75 :24 80 :1 105 :2,20
24A [1] 38:16	ad [2] 96:16 97:24
25A [1] 38:17	add [4] 8:14 18:2 27:18 99:
3	6
3 [1] 2 :4	added [1] 40:18
30 [8] 10 :15 22 :19 53 :22 65 :	addition [1] 51:8
16 74 :23 80 :24 91 :5 94 :22	addresses [1] 90:5
303 [6] 17 :22 26 :17,22 90 :1	addressing [1] 19:4
91: 5,9	adequate (3) 22:8,13 59:
4	16
410 [1] 8 :20	adhere [1] 59:16
441 [1] 13: 3	administrable [1] 109:19
464 [1] 92 :9	admission [1] 27:1
	admits [1] 51:20
5	admitted [1] 15:13 adopt [7] 4:3 22:8 40:16 41:
50 [9] 2 :7 9 :18 10 :15 18 :4,4,	25 42 :3 52 :15 59 :16
4 26 :6 42 :13 88 :18	adopted 3 3:11 31:11 33:
6	1
	adoption [1] 00:4

advancing [2] 38:3 84:6 adverse [3] 21:24 56:1 57: advocating [2] 38:9 44:25 affairs [3] 4:16 29:16 45:11 affect [4] 13:5,8 87:2 112: affected [2] 87:4 89:11 affirmative [2] 25:21 96:8 affirming [2] 53:2 98:15 agent [1] 49:3 agnostic 3 51:18 52:17 **79**:23 ago [1] 75:6 agree [18] 12:8 19:15 37:17 **51:**3,8 **57:**25 **58:**1,7,11 **70:** 5 **76**:17 **78**:12 **82**:1 **83**:17, 22 87:22 90:9 94:20 agreed [1] 62:17 agreement [1] 57:18 agrees [1] 73:14 ahead [2] 93:20 96:15 **AL** [2] 1:3.6 algorithms [1] 92:12 **ALITO** [36] **19**:1 **30**:4,5,18 **31**:9,21,23 **33**:24 **35**:9 **65**: 21,23 **66**:17 **67**:17 **68**:20 **69**:3,6,11,14,21 **70**:10,14 **71**:12,17 **72**:12 **77**:19,24 **85**:10,21 **86**:4,16 **87**:8,10, 17 **88:**5 **95:**11 **106:**16 Alito's [4] 34:6 40:10 58:15 109:12 allegation [1] 62:5 allegations [3] 60:23 61: 11 83:13 alleged [4] 22:18 25:2 77:3 **110**:19 allow [1] 35:16 allowed [1] 60:14 allows [1] 10:20 almost [2] 31:14 90:16 already [23] 14:14 19:8 22: 15 **25**:8,12 **26**:13 **35**:2 **47**: 3 **48**:2 **49**:9,9,16 **50**:11 **51**: 22 52:5 61:9 68:16 81:17 85:3 97:1 99:16 103:15 104:23 altering [1] 104:18 although [1] 67:19 AMALGAMATED [2] 1:6 amicus [3] 1:24 2:10 81:10 amount [3] 14:19 79:19 88: analysis [7] 11:2 17:24 32: 1 **36**:8 **46**:3 **76**:24 **91**:11 Analytica [9] 31:19 34:11 :8 **40**:16 **41**: **53**:14 **82**:3 **83**:8 **92**:1,14 93:11 25 analyze [3] 31:1 74:8 75:1 analyzing [1] 76:11 angry [2] 61:23 76:8 annual [1] 74:14

13,25 39:5 55:6 64:3 71: authorized [1] 80:4 23 **72:**2,2 **92:**8 **102:**15 answer [7] 50:12 78:13 79: 18 **82**:22 **99**:19 **108**:16 111.13 answering [1] 68:7 answers [2] 80:7 101:25 anticipate [1] 92:24 anybody [1] 103:18 app [1] 23:25 appeals [3] 5:12 81:25 82: appeals' [1] 98:15 appear [2] 81:19 88:23 APPEARANCES [1] 1:17 appears [1] 88:24 Appendix [5] 8:20 38:17 **90**:15 **92**:10 **110**:15 applies [1] 104:1 apply [5] 7:9 84:20 103:7, 10 104:6 applying [1] 33:16 Appreciate [2] 80:7 102:3 appreciating [1] 13:16 approach [11] 3:24 4:4,22 **5**:10 **12**:9,12,14 **15**:24 **16**: 22 19:22 44:10 appropriate [1] 18:22 area [2] 14:2 95:25 aren't [3] 34:18 48:19 79: argue [3] 52:19 77:8 100: 18 argued [1] 52:18 arguing [1] 21:7 argument [24] 1:14 2:2.5.8. 12 **3:**4,7 **30:**12 **33:**18 **45:**4 **50**:22 **60**:9 **64**:16 **65**:24 **67**: 19 **79**:19 **81**:9,17 **82**:9,11 100:16 108:4,23 109:6 arise [3] 47:2,21 98:6 arisen [1] 99:22 around [3] 17:14 22:19 107:11 article [2] 22:22 61:12 articles [1] 110:13 articulate [3] 41:23 42:9 **43:**8 articulated [1] 36:25 aside [1] 23:8 aspect [1] 46:23 assertion [1] 20:18 assessing [2] 17:11 35:11 assessment [4] 20:1 38: 21 71:6.9 Assistant [1] 1:22 associate [1] 42:22 assume [5] 6:9.16 7:10 42: 6 43:22 assurances [1] 94:24 assure [1] 58:21 attack [2] 93:14 100:11 attacks [1] 58:19

another [12] 6:13 19:19 32:

avoid [5] 44:14 91:2 94:2 97:9 101:9 avoided [1] 83:1 aware [4] 7:11 33:20 83:13 110:25 away [4] 27:17 41:6 62:8 76:7 В back [7] 23:16 26:2 38:23 67:22 95:23 99:3 102:4 backdrop [1] 106:5 backward [1] 100:2 bad [2] 35:3 109:9 BANK [2] 1:6 3:5 bar [3] 95:20 96:4 109:3 BARBER [46] 1:22 2:9 12: 14 81:8,9,12 82:20 83:6,21 84:23 85:16 86:2,10,25 87: 9,16 **88:**14,20 **89:**8,16,18 90:7 91:6,21 93:5,15,18,21 94:13 95:3,17 96:4 98:2, 12 99:10.13 100:10.13 102: 3.19.22 **103**:1.8 **105**:7 **107**: 1 108:1 **BARBERT** [1] 100:6 bare [1] 21:16 Barrett [17] 41:12.13 43:11. 12 **44**:16 **60**:18 **61**:13 **62**: 12,21 63:22 80:9 102:21, 22 103:3,9 104:21 105:22 Barrett's [1] 95:24 based [9] 4:9,14 5:5 30:1 32:13 41:16 71:8 83:7 105: basic [3] 19:8 54:10 71:5 basically [3] 19:6 28:5 56: basis [2] 70:20 94:5 bearing [1] 104:19 bears [1] 16:11 became [1] 110:21 become [2] 14:2 58:20 becomes [1] 106:14 **beginning** [1] **8**:19 behalf [8] 1:19,20 2:4,7,14 3:8 50:23 108:5 believe [2] 36:16 48:21 belonged [1] 95:4 below [3] 59:4 60:9 110:23 Berson [1] 98:5 best [2] 66:20 77:1 better [1] 35:17 between [7] 19:5 38:9 39:6, 15 **49**:19 **70**:25 **75**:12 big [7] 43:19 66:3 74:20,20 **79:**4,5,6 billion [5] 53:23 65:18 74: 23 75:22 110:19 binary [1] 43:4 bit [4] 13:15 30:14 77:16 100:24

adoption [1] 90:4

adopts [1] 79:21

6 [1] 1:11

616 [1] 110:15

black-and-white [1] 11:18 blandly [1] 30:20 blank [1] 56:19 blends [1] 99:3 boil [1] 21:18 bomb [1] 65:17 boo [1] 61:3 both [10] 11:3 14:6 16:23 44:13 65:9 72:18 73:2 91: 17 **92**:23 **110**:4 bottom [1] 23:11 breach [8] 46:17.22 47:3 **59:**2.17 **60:**8 **61:**15 **66:**4 breaches [5] 8:4 42:18.18 60:5 11 bread-and-butter [3] 101: 11 106:2.4 breadth [1] 8:9 break [1] 43:5 brief [7] 7:13 9:14 20:14 23: 4.11 **45**:9 **108**:16 briefing [1] 14:1 briefs [3] 8:25 19:17 41:17 bright [1] 42:2 bright-line [4] 42:2 83:24 **84:**4,5 bring [1] 67:20 broad [2] 17:25 50:13 broader [1] 82:9 broadly [1] 27:1 brought [2] 56:15 88:8 bug [1] 92:11 bugging [1] 46:8 bunch [2] 34:20 67:6 burden [4] 41:9 82:16.17. burglaries [2] 14:10,22 burning [1] 61:18 business [46] 4:23 5:7,19 **6**:5 **13**:5,8 **15**:16 **17**:18 **18**: 11,15 **21**:20 **24**:13 **26**:10 **27:**24 **33:**11,15,22 **41:**19 **42**:23 **43**:3,5 **46**:18,20 **51**: 6 **52**:22 **70**:8 **75**:14 **76**:4 **78**:17 **80**:14,25 **82**:4 **83**:14 85:12 87:3.4 88:4 89:9.11. 14 91:20 96:14 15 103:24 104:15 112:17 business's [1] 87:5 buyer [1] 13:24 buying [1] 14:18 C

calculation [1] 14:24 call [1] 84:4 calling [1] 38:10 calls [2] 69:19,21 Cambridge [9] 31:19 34: 11 **53**:13 **82**:3 **83**:8 **92**:1, 13 93:10,24 Cambridge's [1] 94:24 came [3] 1:13 81:1 91:25 cannot [8] 4:17.19 30:1 37: 2 38:17,18 58:21 112:19

cap [1] 75:22 capability [1] 62:9 capable [1] 79:16 capacity [4] 9:19 10:11,14 88:18 capacity's [1] 18:5 capitalization [1] 53:24 capture [1] 80:20 captures [1] 81:25 care [3] 45:7 60:25 81:3 careful [1] 100:25 carefully [1] 15:4 carries [2] 12:20 54:11 Case [60] 3:4 4:22 5:16.18 11:7,25 17:23 25:1 28:4 30:6 31:20 35:1,1 36:4 43: 9 **51**:15 **52**:1 **55**:15,21 **56**: 21 57:1,11 60:19 63:8 66: 18,21 **68:**25 **70:**13 **72:**4 **73:** 14,18,23 74:2,6 77:8 78:18, 18 82:12 84:18 85:9 90:22 91:15 94:6 98:5 101:11 **102:**4.5.10 **103:**15.19.22 **104**:2.5 **105**:8 **106**:3.4 **110**: 23 111:22 112:23,24 case-dependent [1] 73:15 cases [18] 16:16 36:25 53: 1 **55**:5.6.18 **63**:3 **77**:16 **79**: 2,3,13 88:22 96:1 101:12 **104:**16 **105:**10,17 **109:**23 catalogue [1] 112:3 categorical [13] 20:13,22 **21**:10 **30**:2 **41**:21 **45**:1 **51**: 17 **52**:15 **73**:12 **79**:21 23 84:5 109:4 categorically [1] 82:10 category [8] 43:2.18 44:4 46:1 61:18 96:23 103:22 cause [7] 3:21 5:6 65:17 71:15 78:3 94:14 99:8 caused [5] 32:9 86:19 87: 11 12 88 1 causes [1] 88:7 causing [1] 53:23 caveat [5] 7:2 12:22 27:19 **45**:3 5 cert [1] 24:24 certain [16] 5:6 8:3 14:19 28:19,19 31:14,14 39:10, 10 68:18,21,21 88:8 103: 17,24 104:15 certainly [4] 19:11 39:12 54:19 83:6 certainty [19] 31:12 33:2,2, 5,17 37:22 38:10,11 39:7,8 41:25 68:14 103:6,10,21 **104**:10.23 **105**:1.20 cetera [3] 41:20 47:7 74:25 chain [1] 42:19 challenge [1] **52:**23 chance [3] 68:3.11.22

change [3] 10:2 27:19 98:

changes [2] 18:14 46:2 check [1] 56:19 CHIEF [50] 3:3,9 18:24 19: 2,11 29:1 30:4 34:2 37:15, 16 39:19 41:11 46:4 50:19. 24 54:5,8,9,15,18 55:1,12 **56**:8,9,10,13 **58**:16 **62**:14 **63**:22 **72**:10 **74**:4 **77**:19 **80**: 8 81:6 12 83:16 22 84:9 88:15 92:15 95:9 97:13 98: 20 99:4 102:20 105:23 **107**:24 **108**:2.6 **112**:22 China [2] 60:3.14 choice [1] 42:1 choices [1] 43:5 choose [1] 29:22 Circuit [25] 3:11,14 20:11 **28**:4,12,13,24 **30**:14 **37**:9 **38**:16 **39**:1,2,13 **45**:23 **51**: 6 **52**:14 **60**:11 **73**:19 **98**:4, 7 **103**:2.4 **104**:1.3 **109**:23 Circuit's [7] 3:24 5:11 19: 23 38:15 42:7 52:24 112: circuits [8] 28:18 31:11 33: 1 103:7.10.12.13 105:6 circumstance [5] 21:21 28:21 33:14 49:19.22 circumstances [8] 19:12 **29**:14 **39**:9 **43**:14 **45**:8 **85**: 11.13 86:8 claim [11] 5:4 7:24 23:13, 23.24 24:17 25:1.5 51:11 69:1 81:2 claims [2] 52:25 107:6 clarify [3] 13:23 77:23 80: clarity [1] 77:17 class [1] 45:13 clear [11] 7:8 15:21 27:8 29: 8 **36**:10 **44**:12 **50**:8 **51**:1 **97**:4 **110**:22 **111**:12 clearer [1] 99:14 clearly [2] 11:19 89:24 client [1] 84:14 close [1] 11:6 closely [1] 11:2 cocktail 3 86:23 87:12 **109:**13 coli [1] 42:20 collapses [1] 108:24 collected [1] 79:3 come [5] 9:7 11:14 67:24, 24 109:24 comes [3] 31:15 38:23 76: comfortably [1] 93:22 comina [1] 25:15

59:24 **97**:17 **99**:24 **112**:11, company [45] 3:16 7:16,18 **15**:22,24 **16**:7 **18**:11,12 **29**: 10,14,22,24 **35**:14,15,16 36:6 37:10 40:1 42:17 43: 19 47:6 53:19,25,25 65:18, 20 66:4 67:22,23 71:3,8 76:6 85:19 86:11 87:2 92: 25 94:23 99:1.7 107:9.13. 19 **111:**24 **112:**2.8 company's [6] 18:15 20: 16 **29**:10 **33**:11 **35**:12 **112**: 16 compete [1] 87:6 complained [1] 41:8 complaining [1] 24:16 complaint [2] 23:12 83:13 complete [1] 11:23 completely [6] 9:6 12:8 13: 20 102:9 106:19.20 complicated [1] 84:10 comply [1] 53:6 concern [4] 63:12 66:12 **98:**3 **102:**2 concerned [3] 26:5 84:21 **97**:23 concerns [2] 3:25 13:15 concise [1] 111:11 conclude [1] 77:4 condition [2] 28:9 90:18 conditional [1] 30:16 conditions [1] 107:21 conduct [1] 61:1 confidential [2] 34:24 35: confine [1] 84:24 confirming [1] 61:8 conflate [1] 30:15 conflates [3] 16:22 44:10 108:24 conflict [5] 28:4 39:14 45: 23 86:14 109:24 confront [1] 85:19 confused [1] 72:11 Congress [1] 80:4 connote [2] 8:9 17:8 consequence [2] 15:6.23 considered [3] 63:9 83:3.7 consistent [1] 90:13 constantly [1] 101:13 contain [7] 19:18 25:6 28: 10 **62**:22 **63**:23 **73**:13 **111**: contained [1] 25:11 contains [1] 108:19 content [1] 4:12 context [21] 7:8 12 10:23 **11:4 12:9 20:**23 **27:**8 25 **30**:21 **41**:14 15 18 19 **51**: 15 **57**:11 **59**:10 **61**:5 **84**:12 **107:**7 **111:**9.14 context-dependent [1]

contexts [2] 57:7 63:4 contextual [4] 8:17 10:19 20:22 36:7 continually [1] 112:12 continue [1] 26:2 continued [4] 5:5 110:21. 22 111:1 continues [1] 66:9 continuing [3] 66:6 72:15 106:15 contrary [2] 52:15 89:7 contravening [1] 9:10 control [3] 62:10 73:8 88:9 controls [2] 62:4 88:25 convert [1] 20:3 convey [1] 8:9 conveyed [1] 61:10 correct [11] 4:22 5:24 38: 18 39:24 40:9 64:24,25 93: 15.18.21 95:17 correctly [3] 77:12 102:25 104:8 counsel [8] 29:2 50:20 54: 5 73:21 81:7 92:16 107:25 **112**:23 Counselor [1] 20:7 couple [4] 6:17 39:21 107: 2 108:21 course [8] 7:4,23 27:24 36: 20 37:6 53:2 82:13 100:1 COURT [56] 1:1.14 3:10 4: 1,3,6,8 **5**:12,21 **7**:8 **10**:25 17:13.22 21:9 27:7 28:3. 25 36:25 37:8 38:14 39:5. 12.14 45:21 46:1 50:25 51: 16 **52**:15.25.25 **55**:17 **73**: 18 74:2 77:12 79:21 81:13. 14.25 **82:**5.11 **84:**19.25 **85:** 5 **97:**3 **98:**15 **101:**10.12 **102:**5 **104:**5,8 **110:**13,24 111:3 4 8 12 Court's [9] 5:14 17:3 45:5 **53**:3 **82**:14 **84**:2 **94**:5 **104**: 4 16 courts [4] 57:6 63:3 80:4 101:12 cover [1] 27:2 coverage [3] 13:4,7,11 covered [1] 89:24 covers [1] 93:4 cram [1] 90:3 crazy [2] 86:21 87:12 create [4] 3:12 20:20 40:20 112:5 creates [1] 39:8 creating [2] 37:8,10 crime [8] 14:1,4 15:6,8 49: 3589 critical [1] 22:12 curiae [3] 1:24 2:11 81:10 current [3] 4:15 45:11 101: currently [2] 40:17 49:20

companies [12] 20:4.6 25:

Commission [1] 84:15

communicate [1] 10:5

common [3] 57:23 81:18

cursed [1] 87:19

cut [1] 102:9 cyber [3] 58:19 93:10,14 cybersecurity [4] 17:21 **26**:24 **59**:7 **90**:24

D **D.C** [4] **1:**10,18,20,23 damage [5] 10:13 46:18 66: 8 76:4 88:8 damaged [1] 11:8 damages [3] 65:18 89:22, damaging [1] 32:1 danger [2] 20:2 98:6 data [56] 4:24 5:2.5.8 8:11 21:19.23 22:8.14 24:15 25: 7 27:22 31:19 33:19 34:24 **35**:6 **36**:14,17,18 **40**:2 **41**: 4 42:17,18 43:21 46:17,21 **47**:3 **52**:2 **53**:10,22 **59**:1, 10,16 **60**:5,7,10,16 **61**:15, 16,25 **62**:11 **65**:16 **66**:3 **73**: 10 **74:**24 **76:**5,7 **80:**25 **82:** 5,25 83:11 94:25 96:20 **109**:17 **110**:9.16 day [4] 39:5 63:5,8 79:15 davs [1] 60:6 deal [2] 98:14 109:1 dealing [3] 105:10 110:1.2 debris [1] 58:16 December [1] 60:23 decide [7] 38:8 39:15 56: 18 57:3 66:18 73:23 74:3 decided [1] 86:22 deciding [1] 46:1 decision [5] 17:4 19:23 38: 12 79:5 104:20 deemed [1] 70:7 defeat [1] 64:6 defeats [1] 100:7 Defendant [3] 58:18 109: 21 111:16 Defendants [1] 39:11 definitively [1] 39:14 delete [1] 83:11 delta [1] 39:6 **Department** [1] 1:23 depend [1] 96:16 depended [1] 82:4 depending [2] 4:12 44:20 depends [6] 36:8 51:14 58: 3 **84:**6.11 **111:**14 depict [1] 81:16 describe [2] 12:13 53:19 described [4] 42:23 47:13 **104**:9 **105**:3 describes [1] 104:8 describing [1] 52:2 description [2] 17:18 18: descriptive [1] 70:18 destroy [1] 22:24 destroyed [3] 9:18 18:5 94: destroying [1] 9:6 destruction [1] 91:15 detailed [1] 98:8 details [1] 108:13 determination [1] 14:17 determine [4] 15:15 16:4 74:16 108:13 determining [1] 83:9 devastating [3] 42:12 73:1 **87:**3 develop [2] 23:25 80:5 developer [2] 23:25 60:15 developers [2] 22:8 59:10 developers' [1] 73:9 development [2] 26:9 91: devil [1] 108:12 differ [2] 104:22 105:3 difference [4] 9:22 32:23 38:9 70:25 different [21] 16:25 20:21 21:24 24:23 44:11.22 46:3 65:24.25 66:10.22 73:19 **78**:11 **87**:22 **89**:2.21 **101**: 22.25 103:7 106:11 111:20 differs [2] 24:11 103:5 difficult [1] 109:21 directed [1] 64:16 directing [1] 83:10 direction [2] 28:13 100:17 directly [2] 101:6,14 disagree [5] 15:19 31:8 60: 1 107:3 15 disclose [22] 3:16 22:16 **44**:2 **47**:25 **52**:7 **55**:10 **64**: 2 **68**:6.10 **78**:2.4.6 **87**:13 90:24 99:2.8.25 100:4 101: 6.8 **106:**5 **112:**11 disclosed [13] 19:9 22:16 41:5 59:5 65:8 67:4 70:24 74:25 89:25 92:10 98:18 **101:**7 **112:**10 discloses [1] 99:7 disclosing [5] 37:11 47:19 64:17 68:17 100:25 disclosure [36] 3:15 20 4: 14 19 5:17 6:4 8:12 12:19 **13**:3 **15**:13 **17**:10 **18**:6.22 19:24 25:7 26:18 29:15 51: 3.4 52:2 53:9 55:7 63:13 64:24 65:13 74:22 90:10 91:7 94:8 101:23 106:21 **107**:5,10,17,18 **108**:19 disclosures [30] 7:14,22 8: 8 **13**:2,12 **15**:20 **17**:15,25 18:19 19:13 20:3,5,14,18 21:7 27:10 29:19 41:7 59: 8 60:19 66:25 90:19 97:18. 22 100:21.23 108:10.14

111:11 **112**:13

discrete [1] 66:12

1 92:1

discovered [2] 92:11 13

discuss [4] 6:13 52:16 91:

discussed [4] 59:8 63:14 105:14 108:23 discusses [1] 67:9 discussing [1] 96:5 Discussion [6] 17:24 81: 23 84:8 90:17 91:10.10 disincentivized [2] 100: dismiss [5] 56:22 78:24 79: 12 109:22 25 dispute [1] 72:1 disrupted [1] 86:7 disruption [2] 68:9 69:8 distort [1] 104:12 district [2] 5:21 110:24 dividing [1] 95:21 doing [3] 15:17 39:2 112: dollar [3] 53:23 74:23 110: dollars [2] 65:18 75:22 domain [7] 24:17 25:3.8.12 **50**:11 **110**:12 14 done [3] 33:3 51:22 68:2 door [1] 57:22 down [3] 21:18 62:15 65: downstream [1] 75:21 draw [4] 6:20 36:5 49:19 **65**:10 drawn [1] 8:6 draws [1] 17:14 drew [1] 45:5 drop [2] 75:22 110:20 dry [1] 102:9 due [2] 63:12 91:16

each [2] 51:15 63:8 earlier [5] 29:18 43:17 83: 22 84:18 99:4 early [1] 111:2 easily [2] 27:20 41:21 easy [2] 4:23 31:19 edge [1] 11:6 effect [4] 66:6,9 75:21 111: effectively [3] 15:25 79:25 efforts [1] 36:13 either [7] 42:12 56:15.16 89:4 100:17 103:14 111: either/or [1] 43:4 elaborate [1] 41:7 elected [1] 52:19 element [3] 6:2 7:4 25:4 elements [5] 6:1 16:23 44: 11 94:14 108:24 emailing [1] 83:8 embedded [3] 4:9.15 11:

duty [1] 106:5

dwell [1] 86:17

Е

emphasize [1] 90:20 emphasized [1] 90:23 encompass [2] 18:7 107: encompassed [1] 93:22 end [4] 63:5,8 79:15 104:3 enforceable [1] 37:6 engaged [1] 11:1 enjoy [1] 88:12 enough [6] 37:1 52:8 69: 23.24 94:16 101:10 enter [2] 56:21.22 entire [2] 69:20 90:14 entirely [1] 10:10 entirety [1] 13:12 entitled [2] 5:11 71:3 episode [14] 8:7 21:19 24: 15 **27**:22 **28**:1 **33**:19 **40**:2 **50**:10 **62**:7 **82**:24 **83**:15 **92**: 2 96:25 112:9 episodes [4] 41:4 43:23 109:17 112:3 equally [2] 100:17,17 equipped [1] 98:14 equivalent [1] 13:5 erased [1] 94:23 ESQ [4] 2:3,6,9,13 **ESQUIRE** [2] **1:**18,20 essentially [3] 21:18 28:23 30:12 estate [2] 49:1,3 ET [5] 1:3,6 41:20 47:6 74: evaluation [1] 30:6 even [12] 19:13 23:4 28:23 **31:**20 **34:**25 **78:**7 **87:**8.10 92:21 97:7 103:21 104:7 event [75] 3:17,20,22 4:20, 24 **5**:1 **6**:11,24 **12**:21 **14**:4 18:21 19:25 28:14 30:3,17 **38:**20 **39:**24 **49:**14,17,24, 24 **50**:4 **51**:5,11 **52**:9 **53**: 13 **56**:1,24 **59**:6,7,17 **60**:13 **66**:3,7,8,12 **70**:6,22 **71**:5 **72**:6 **74**:8 **75**:5,17 **76**:16, 17 **77**:5 **78**:3,5,6,7,16 **79**: 17 **80**:13 **82**:7 **83**:18.20 **85**: 3.4.12.15 89:4 90:17 93:22 **96:**10 **97:**8 **99:**8.9 **101:**23 **103**:23 **105**:11 **109**:8 **111**: 8.17.18 112:4 events [28] 6:14 7:23 13:18 **17**:11,21 **20**:19 **40**:19,21 **44:**1,3,5 **52:**22 **63:**14 **67:** 10,12,14 75:17 90:3,11,21 91:1 94:1 95:14 97:6 106: 9 107:17,21,22 eventually [3] 32:3 37:12

everybody [4] 44:18 56:2

58:10 73:14

evervone [1] 79:13

everyone's [1] 27:1

everything [1] 100:5

evidence [1] 62:7 exact [2] 10:17 54:20 exactly [9] 55:13 59:22 62: 15 **77**:24 **81**:21 **82**:17 **86**:5 92:12 94:11 exam [2] 45:11 51:21 examines [1] 67:25 example [13] 11:7 12:25 **13**:22 **21**:24 **43**:17 **45**:12 47:23 49:2 54:21 67:23 91: 24 92:8 98:4 examples [8] 8:4 13:13.25 **21**:25 **36**:3,11,12 **67**:14 exception [1] 39:8 Exchange [1] 84:14 exercise [1] 84:15 exist [2] 11:9 49:22 exists [4] 104:23,24 105:2 106:4 expansion [1] 55:7 expansive [1] 50:13 expect [3] 53:21 61:20 85: expected [1] 85:19 expensive [2] 14:3,5 experienced [3] 27:22 34: 14 **82**:24 experiences [1] 20:16 expertise [1] 84:15 explain [5] 7:13 9:22 12:15, 24 **21**:11 explicit [2] 18:19 21:4 explicitly [2] 63:17 65:4 expressly [1] 67:9 extent [5] 8:1 76:13 81:24 **97**:16 **110**:18 extraordinary [3] 34:24,25 extremely [1] 30:21 F

face [5] 7:16.18 15:22 20:5 30:9 FACEBOOK [25] 1:3 3:4 21:19 23:21 34:8 35:5 36: 13 51:20 52:11,18,23 53:5 **60**:9,14,22 **61**:16 **67**:3 **72**: 7 76:2 77:6 80:23 82:23 **83**:8,12 **109**:16 Facebook's [8] 46:18 51: 17 73:8 81:22 82:3 90:11 91:24 98:7 faced [1] 60:22 faces [1] 43:3 facilities [1] 18:12 facility [4] 32:20 69:20,22 **91**:16 fact [26] 8:3 9:4 10:10 13: 17 25:22 29:17 30:24 31:5, 13 32:9,11 47:1 57:22 65: 11,14 67:3 71:16 76:23 77: 14.15 88:1 92:7 94:13 96: 6 **104**:14 **105**:13

fact-bound [1] 52:24

fact-specific [1] 73:16 factor [8] 27:8 32:25 51:25 **57**:19 **65**:19 **67**:9 **89**:24 **93**: factors [16] 25:17 29:5.9 39:22 40:17 53:19.20 54:1 65:13 67:11 91:8 92:3,4 **93:**6 **95:**7 **107:**18 factory [8] 11:8,9 32:9 42: 13 47:23 61:18 67:25 68:4 facts [8] 28:22 34:1 39:17 **51**:14 **63**:9 **66**:21 **67**:4 **73**: 23 fail [4] 22:8 45:12 51:21 59: failed [6] 22:13,16,20,23 45: 16 112:2 fair [4] 63:2.25 94:17 98:23 fall [6] 38:25 44:3,22 86:17 108:14 109:10 falling [2] 32:14 58:15 falls [2] 43:17 61:17 false [16] 4:7 5:22 7:25 11: 23 27:25 28:15.20 45:17 **52:**8 **74:**17 **75:**11 **78:**4.5 85:22 103:14 105:18 falsely [2] 46:11 77:4 falsity [12] 5:21 6:2 16:23 **17**:6 **39**:4 **74**:7 **75**:2 **76**:12, 18 83:25 101:15 108:25 familiar [2] 17:22 27:11 far [4] 5:6 37:8 42:7.8 FBI [1] 60:4 fear [2] 100:21 102:16 federal [1] 60:2 feel [2] 33:6 44:25 feels [3] 31:16 44:1 99:15 fell [3] 32:10 86:20.20 few [2] 90:7 100:14 figure [2] 46:24 47:2 filed [4] 83:4,4 90:22 92:9 files [1] 60:4 final [1] 45:11 Finally [5] 52:14 59:5 76: 22 81:1 111:21 finals [2] 45:12 15 find [4] 35:17 56:23 73:3 74:22 finder [1] 77:15 fine [3] 49:7 85:6 103:17 fire [31] 9:1,5,10,17 31:25, 25 **32:**1,2,7,8,13,20 **42:**13 67:23 68:4,8,12,25 69:7,10, 12,25 86:6,12,18 87:1,2,4 89:10,15 91:17 fires [2] 9:24 69:18 firm [1] 105:8 first [16] 6:19 10:6 15:2 32: 18 **34**:7 **36**:2 **42**:1 **44**:8 **47**: 16 **51**:2 **57**:5 **66**:19 **90**:1 91:24 108:8 22 fits [2] 66:20 94:20 flawed [1] 81:18 flooded [1] 4:17

focused [3] 5:21 46:23 74: focuses [2] 17:1,7 follow [3] 6:23 34:6 56:11 food [1] 42:19 foreign [1] 84:1 foremost [1] 44:8 foreseeable [1] 76:1 form [3] 12:18 18:13 45:24 formed [1] 4:10 formulation [4] 45:24 48: 20 110:11 112:18 forth [1] 7:12 forward [7] 31:7 35:11 37: 20 70:9 87:6 100:2,4 forward-looking [14] 4:13 8:22 12:4 17:16 20:17 24: 9 25:18 27:11 28:9 29:5 **30**:7.8 **57**:19 **62**:18 found [1] 62:1 four [2] 57:1 108:7 framed [5] 10:9 16:10 85: 11 14 86:7 framework [2] 7:12 27:12 fraud [5] 4:1 30:1 81:15 84: 2 111:25 freakish [1] 86:19 frequently [4] 45:25 51:13 **55**:21 **108**:11 friends [2] 8:1 50:6 front [2] 43:9 58:17 full [1] 74:22 fundamental [2] 24:14 36: 24 funny [1] 40:22 further [2] 18:2 77:20 future [43] 3:21 6:10 7:16 8: 13 **13**:18.21 **14**:8 **15**:16 **22**: 10 **30**:10 **35**:23 **40**:19 **46**: 16,22 47:12 48:16 49:7,14, 22,24 53:1 61:8 64:18 65: 8 66:14 67:1,16 68:19 70: 4,22,24 **71**:21 **72**:17 **78**:3

4,22,24 71:21 72:17 78:3 80:14 89:21 90:11,11 93:9 99:7 105:11 106:25 107: 21 future-looking [1] 90:19 futuristic [5] 13:20 14:7 47: 10 48:20 106:10 futuristically [2] 14:21 106:23

G

gained [1] 36:17 game [1] 78:25 gave [4] 43:17 60:15 67:14 82:22 General [8] 1:22 26:9 43:1 74:3 91:19 96:13,17 97:17 generality [3] 42:24 97:5, 20 generally [4] 25:19 52:10 57:20,25 generic [1] 66:24 genus [1] 112:8 gets [1] 11:6 getting [7] 42:14 44:17 78: 22,24 79:12 100:19 103:4 qist [1] 25:23 give [4] 8:23 13:22 35:22 67:17 given [10] 8:4 36:3,11 58: 24 62:8 80:23 82:2 90:4 93:17 105:13 aives [1] 76:7 giving [1] 55:3 GORSUCH [42] 25:13 26:1, 12.15.17.23 27:3.17 28:8 **29**:21 **37**:14,16,23 **38**:1,4,8 **39**:18 **40**:7 **41**:23 **54**:4,8 **56**:6,9 **57**:15 **58**:3,7,10 **59**: 13 60:2 62:14 77:21 89:16. 19 **90**:8 **91**:4,12 **92**:20 **97**: 14,15 98:10 100:19 102:23 gosh [1] 88:23 got [7] 25:14,20 38:4 47:20 68:1 74:23 87:13 aotten [1] 41:17 government [4] 8:2 19:17 29:17 60:3 government's [7] 7:1 19: 22 23:4 104:22 108:9,15 111:24 grant [2] 11:13 43:13 granted [1] 24:24 great [5] 19:21 20:2 83:14 92:8 109:1 greater [1] 71:22 greatly [1] 11:8 ground [2] 57:23 61:19 Guardian [1] 22:22 quess [8] 10:18 13:15 48: 18 64:8 95:23 98:23.23 **101**:18 quesswork [1] 64:1 guidance [4] 39:13 53:1 84:19 85:8 guys [1] 58:11

Н hacking [9] 34:12,13,19 52: 11,21 58:20 59:6 60:13 67: half [2] 36:20 61:18 half-truth [8] 85:9 101:11. 12 106:2.4.12 107:4.5 half-truths [3] 19:7 94:8 102:7 hand [2] 32:8 61:21 handing [2] 61:16,24 handles [1] 43:8 happen [26] 8:13 16:5 22:9 23:20 31:4 35:16 46:12,15 48:16,22 49:7,16 59:24 60: 17 **61**:8 **64**:17 **66**:14 **67**:1 68:18 71:6 72:16.17 76:21 85:15 89:1 91:7 happened [43] 6:16 14:11,

21 60:21,24 66:3,5,11 68: 16 **71**:11 **72**:6,14,15 **73**:4,6 **75**:5,25 **78**:6 **79**:24 **87**:19 106:18 happening [8] 14:7 32:24 33:4.5 46:22 69:24 70:4 **85**:23 happens [7] 46:18 55:23 57:14 63:16 89:10 106:18. happy [2] 23:8 73:25 harbor [1] 80:3 hard [5] 11:11 41:24 42:4,8, 15 hardest [1] 42:11 harm [52] 3:21 4:24 5:7,8, 16.18.19 **6:**5.11.22 **13:**18. 21 14:5 15:16 20:20 21:20 **24**:13 **27**:23 **30**:16 **31**:14, 18 33:11.15.22 38:22 39:9 40:20 48:9,22 49:15,20,21, 23 51:6 52:22 70:8 71:21 **72**:2 **74**:21 **78**:4,7,18 **80**: 14,25 96:15 99:8 103:24 **104**:15 **106**:15,19,20,25 harmed [1] 97:25 harms [1] 47:2 haunted [1] 87:18 head [1] 21:3 hear [2] 3:3 102:25 heard [2] 102:1.23 hearing [4] 15:14 20:12 53: 18 86:22 heartland [1] 91:15 heavily [1] 82:4 heightened [1] 110:3 held [6] 3:14 4:6 29:23 73: 19 **82**:1 **85**:5 help [1] 58:13 helpful [2] 63:6 98:8 high [6] 30:22 42:24 69:23, 24 70:19 19 higher [3] 14:15 95:20,25 highlights [1] 70:23 highly [4] 25:15 33:21 40:1 **83**:13 hindsight [1] 4:1 hit [3] 32:10 42:14 47:24 hold [4] 51:6 82:6 84:25 111:24 holding [1] 3:19 home [3] 49:3 91:8 98:7 homeowner [2] 14:11.17 homeowners [4] 14:2.5. 13 19 Honor [1] 94:4 hook [1] 112:9 hope [1] 13:23 house [3] 13:24.25 54:22 However [1] 59:15

22 22:15 30:24 31:2.6 32:

11 **34**:10 **42**:18 **48**:10,15

53:13,21 **54**:23 **55**:2,9,24

56:2,5,16,17,24 **57**:10 **59**:

huge [2] 79:11,11 hundred [6] 48:7 53:23 65: 17 74:23 75:21 110:19 hurt [7] 85:13 hypothetical [79] 8:24 10: 7,10 11:6,11 12:3 16:13,15 18:4 26:4 31:24 40:10 52: 3 54:6 57:9 69:18 72:21 81:16 89:6 hypotheticals [74] 8:25 16: 19 19:16 41:16 42:11 44: 17 48:5 72:13 89:3 98:25 99:21

idea [2] 70:21 94:6 ideally [1] 39:13 identified [1] 23:12 identify [7] 8:22 20:4 23:5 24:12 39:23 40:20 112:16 identifying [1] 40:19 if/then [7] 12:17 13:6 21:16 25:18 33:10 37:18 62:16 illustrated [1] 98:25 imagine [3] 35:4 89:3 104: immaterial [7] 7:3 38:24 **51**:5 **70**:7 **75**:17 **76**:15 **78**: immunize [1] 81:14 impact [2] 26:20 91:14 impaired [1] 9:3 implement [1] 22:13 implication [7] 7:1 15:7 51:

implicitly [4] 81:20 85:2 86: 13 96:9 implied [28] 9:11,23,25 12: 20 19:19 20:15,18 21:21 28:10 30:2 45:6,10,14,18 46:9,10 50:14 52:3 56:24 57:21 58:4,25 59:20 62:22 63:23 77:4 83:19 111:6 implies [6] 51:10,23 53:17 57:9 82:10 83:18 imply [10] 4:25 57:8,20 68:

12 73:13 85:20,22 108:19

implications [3] 55:20 87:

implicit [3] 21:4 38:24 89:

5 111:22

24 **75**:11 **76**:15 **77**:11,13 **85**:14 **108**:11 **implying** [4] **56**:4 **75**:16 **79**: 17 **111**:19 **importance** [1] **82**:2

important [13] 8:18 17:3 27:19 33:8 45:3 47:17 48: 17 60:8 72:6 79:7 92:6 107:14 108:18 impose [2] 41:9 84:3 imposing [1] 95:19 impossible [1] 51:23

impression 5 52:9 83:1 91:2 94:3 97:9

improper [3] 52:2 53:9 110:9 improperly [2] 8:11 36:13 inability [1] 73:8 inadequate [2] 23:19 88: inappropriate [1] 91:22 INC [1] 1:3 incentive [1] 107:11 incentivize [1] 97:16 incidents [4] 34:13.19 90: 24 93:10 include [5] 7:19.22 8:21 29: 15 **41**:4 included [2] 17:20 40:10 includes [3] 50:18 51:12 90:16 including [4] 51:25 53:11 **67:4 110:**10 inconsistent [1] 70:21 incorrect [3] 3:19 7:24 12: 15 increase [2] 32:23 70:2 incur [1] 111:18 indeed [2] 41:6 81:19 Indiana [1] 104:5 indicated [4] 10:22,25 29: 21 74:7 industry [2] 58:19,21 infer [2] 13:9 71:16 inference [9] 6:20 8:6 36:5 **54**:11 **55**:2 **56**:16 **65**:10 **71**: 20 102:14 infinitesimal [1] 70:3 infinitesimally [1] 70:3 inform [1] 67:10 information [21] 7:3 16:17. 19 **17:**2 **22:**12.17 **23:**7 **25:** 2 26:8 36:21 40:12 47:5 **59:**15 **91:**18,22 **92:**6 **95:**6 **104**:18,19 **106**:6 **108**:17 inherently [1] 30:7 initial [4] 5:2,7 31:18 50:10 initially [1] 112:12 injury [1] 5:25 inquiry [2] 10:19 17:7 insisted [1] 59:4 insofar [1] 85:2 inspector [2] 67:24.25 instance [5] 9:21 18:10 45: 9 47:23 62:8 Instead [4] 4:3 9:17 52:19 84:17 instructed [1] 67:13 insufficient [1] 88:24 insurance [6] 14:2,6,14,19 49.4 10 intended [5] 8:21 17:16 65: 11 67:10 75:13 intent [1] 53:25 interest [2] 10:16 36:22 interested [2] 95:11.12 internal [2] 67:24 68:10 **interpreted** [1] **86**:13

interrelationship [1] 75: 12 interrupt [2] 64:21 65:5 intuition [6] 30:19,23 31: 10 **43**:15 **44**:18 **109**:7 intuition-based [1] 109: intuitions [1] 44:22 intuitive [1] 76:5 invest [3] 17:5 46:19 96:18 investigation [1] 61:1 investina [1] 94:9 investment [13] 15:16 16: 6 **29**:10 **46**:24 **53**:20 **54**:2 **65**:14,19 **67**:11 **75**:15 **93**:6 104:19 107:19 investments [1] 107:13 investor [37] 7:10,11 10:6, 8,12,17 **16**:4,17,24 **27**:11 **35**:23 **36**:15,22 **43**:15 **46**: 19 **47**:5 **48**:13.21 **49**:4 **53**: 18.18 **59:**23 **69:**16 **87:**14. 16.18.21.24 88:11.22 89:5 94:15 96:18.24 108:18 109:11.16 investor's [2] 17:4 46:16 investors [9] 7:17 8:12 37: 6 **60**:20 **61**:6 **70**:7 **71**:7 **92**: 5 106:24 invites [1] 96:24 involving [3] 27:22 85:9 102:10 isn't [24] 5:16 15:11,17 16: 3 **19**:10 **21**:7 **22**:25 **23**:17. 20 24:2 26:14 30:5 7 46: 14 **51**:24 **58**:24 **59**:22 **62**:4 4 **64**:9 **71**:23 **85**:22 **87**:20 107:9 issue [15] 5:4 21:17 23:6.9 24:23 29:25 52:1 74:20 79: 11 90:13 94:17 98:9,13,23 112:1 issued [1] 61:2 issuer [1] 86:14 issuers [6] 52:6 77:17 90: 20.23 100:18.24 issues [2] 7:18 35:15 Item [36] 7:13.21 17:15.17. 19.20.21 **19:**13 **25:**16 **26:**7. 17,22 27:10 29:12,15,18 41:3 47:17,18 51:18 64:16 **66**:25 **90**:9,18,20 **91**:1 **93**: 5,23 **95**:4 **98**:17 **101**:4 **105**: 14 **107**:10,16 **111**:9 **112**:15 itself [8] 15:20 17:8 29:12 **44**:12 **59**:3 **67**:3 **86**:3 **110**: 13 JACKSON [24] 13:14 14: 25 15:11 16:1 46:5,6 47:

15 48:1.4.7.18.25 50:16 71

13 72:9 80:10.11.16.18 81:

4 105:24.25 107:1.23

job [1] 84:22 ioin [1] 23:9 Joint [4] 8:20 90:15 92:10 **110**:15 judge [1] 110:13 judges [1] 18:18 judgment [9] 5:12 53:2 56: 22 71:8 77:8 79:2.10 98: 16 112:20 judiciary [1] 99:18 junk [2] 32:10 42:14 jurisprudence [1] 84:3 juror [1] 56:23 jury [3] 57:2 77:3,9 Justice [279] 1:23 3:3,10 5: 15,18,20 **6**:7,18 **7**:19 **8**:15, 23 9:13,16 10:3 11:10,13 13:14 14:25 15:11 16:1,14 **17**:9 **18**:3,24 **19**:1,2,11 **20**: 7,10 21:1,8,12 22:2,5,20, 23 23:2,14 24:2,10,19,22 **25**:13,25 **26**:1,3,4,12,15,17, 23 27:3.16.17 28:8 29:1.3. 4 **30**:4,4,5,18 **31**:9,21,23 **33**:24 **34**:2,2,4,5,6 **35**:9 **36**: 1 37:13,14,15,16,23 38:1,4, 8 39:18,19,19,21 40:6,7,9, 14,23,24 41:1,10,11,11,13, 22 43:11,12 44:16 46:4,4,6 **47**:4,15 **48**:1,4,7,18,25 **50**: 16,19,24 **53:**4 **54:**4,5,8,9, 15,18 55:1,12 56:6,8,9,10, 13 **57**:15 **58**:3,7,10,15 **59**: 13 **60**:2,17 **61**:13,24 **62**:3, 12,14,21 **63**:10,21 **64**:20 **65**:1,3,21,23 **66**:17 **67**:17 **68**:20 **69**:3,6,11,14,21 **70**: 10,14 71:12,13,17 72:9,10, 10,11,12,23 73:6,20 74:4,5, 6,11,15,19 **75:**8,19 **76:**10, 19,22 **77:**19,19,20,21,22, 23,24 78:14,19,22 79:4,8 80:6,8,8,10,11,12,16,18 81: 4,6,12 **82:**15 **83:**3,16 **84:**9 **85**:10,21 **86**:4,16 **87**:8,10, 17,20 88:5,10,15,17,21 89: 16,19 90:8 91:4,12 92:15, 17,18,19,20,21 93:13,16, 19 94:11,19 95:8,9,9,10,10, 18,24 97:12,13,13,15 98: 10,20,20,22 99:11,17 100: 7,11,13,19 101:18 102:17, 20,20,22,23 **103**:3,9 **104**: 21 105:22,23,23,25 106:15 **107**:1,23,24 **108**:2,7,12 109:12 112:22 Justice's [2] 58:16 83:22 Justices [1] 29:21 justify [1] 79:20

K[23] **8:**15,23

KAGAN [23] 8:15,23 9:13, 16 10:3 11:10,13 21:1 34: 4,5 36:1 37:13 61:24 62:3

87:20 **88**:10,17,21 **95**:9,10, 18 **97**:12 **108**:12 Kagan's [3] 16:14 26:4 47: KANNON [5] 1:18 2:3,13 3: 7 108:4 KAVANAUGH [31] 17:9 18: 3 39:20.21 40:6.14.23.24 **41**:1.10 **63**:10 **64**:20 **65**:1. 3 77:22 78:14.19 79:4.8 80:6.12 92:22 98:21.22 99: 11.17 100:7.11.13 101:18 102:17 keep [6] 8:18 20:8,10 62:9 64:22 65:4 keeps [1] 106:16 KEVIN [6] 1:20,22 2:6,9 50: 22 81:9 kind [42] 10:8 11:16 41:23 **42**:2 **43**:3,4 **46**:7,17,21 **56**: 19 **62**:15 **63**:11 **64**:13 **71**: 23 72:2 73:13 76:3 77:16 78:25 79:22 84:3.7 85:9. 20 91:6 92:5 93:22 94:2,7, 17 **96**:16,25 **97**:7,9 **98**:6,13 **100**:19 **101**:14 **102**:16 **103**: 22 106:15 107:4 kinds [7] 34:9 42:25 58:24 63:15 83:23 90:5,19 knowing [1] 14:12 known [4] 17:25 26:18 35: 2 91:12 knows [5] 14:12 56:2 63: 12 **66**:4 **71**:22 lack [1] 101:22

language [11] 10:2 11:3 15: 4 29:11 40:10 44:12 45:22 **65**:13 **67**:2 **93**:3.23 large [1] 59:24 last [4] 17:23 41:3 50:5 101: late [1] 92:12 Later [4] 20:17 74:21 75:21 77:7 Laughter [1] 88:13 laundry [1] 20:5 law [8] 81:18 84:2,2 94:6 98:4 102:24 105:2.4 laws [1] 37:5 lav [1] 94:7 lead [4] 13:18 64:11 71:20 96:17 leads [2] 48:21 106:24 learned [1] 81:2 least [14] 12:12 25:15 29: 19 37:2 57:1 58:11 75:25 82:23 83:12 93:25 98:5 99: 22 100:8 103:18 leave [4] 23:8 39:5 89:12,

leaving [2] 54:21 94:2

left [5] 34:15 73:17 83:1 94:

3 97:10 legal [1] 74:3 length [1] 100:24 less [7] 24:7 68:2 92:21 96: 1,2,17 97:20 level [3] 42:24 97:20 107: liability [14] 3:13 37:2,3,4 **50**:1 **72**:5 **75**:7 **81**:15 **100**: 3.21 102:11.16 106:13 112: liable [4] 28:22 29:23 30:1 111:25 lies [2] 11:22 102:7 lifeblood [1] 76:6 light [1] 30:25 likeliest [1] 100:22 likelihood [1] 105:11 likely [7] 20:1 26:20 33:21 44:4 47:21 96:17 97:20 likes [1] 21:9 limit [1] 97:3 limited [5] 59:15 66:25 90: 10.18 107:6 limiting [1] 27:8 limitless [1] 102:15 line [7] 41:24 42:9 49:19 65: 19 95:21 108:14 109:10 listener [1] 71:16 listening [1] 92:19 lists [1] 20:5 literally [1] 90:15 litigant [1] 21:9 little [6] 13:15 19:3 30:14 77:16 100:24 106:1 lives [1] 60:5 locate [1] 25:3 locations [1] 92:2 long [2] 75:6 84:23 longer [2] 9:9 110:22 look [14] 6:3,8 13:1 23:3,15 **47**:17 **65**:12 **74**:16 **91**:24 92:5,9 97:5 98:16 104:3 looking [8] 11:2,22,24 20: 23 46:21 47:6 49:5 100:2 loss [3] 42:13 74:23 75:22 lot [10] 11:14 41:16 64:22 65:6 79:1.12 84:19 98:8. 25 99:23 low [3] 70:3 71:21 109:2

М

Macquarie [2] 17:23 37:1 mad [2] 73:3 81:1 made [13] 5:3 7:8 14:13 15: 20 47:10 60:9 74:19,20 75: 4 91:3 95:6 96:8 111:15 major [2] 64:15 98:3 Management [5] 17:24 35: 15 88:25 91:9,10 manufacturer [1] 86:11 many [13] 8:10 16:16 17:12, 13 19:15 22:16 45:7 46:13 51:24 57:6.6.7 103:2

March [1] 91:25 market [3] 35:7 53:24 75: markets [1] 107:12 mass [1] 96:1 material [24] 12:23 16:20 **17**:6 **18**:14 **26**:8.20 **44**:13 47:19 48:13 52:7 71:5 75: 6 **76**:17.18 **85**:5 **91**:14.18 93:6,11 95:16,19,21 96:7 **107**:18 materiality [16] 16:22 17:1 24:22 25:4 36:23 44:8.19 **51**:9 **74**:20 **75**:9 **83**:25 **97**: 11 104:12 108:17,25 109:1 materialization [1] 70:23 materializations [1] 100: materialize [4] 31:15 39: 10 40:3 49:8 materialized [8] 28:17 49: 20 52:10 13 81:17 97:1 103:15 16 materializes [2] 37:12 106: materializing [1] 30:23 materially [1] 37:19 Matrixx [1] 37:1 matter [6] 1:13 39:16 81:18 82:3 87:25 92:14 matters [6] 7:8 10:24 23:7 46:11 83:23 87:1 mean [20] 10:5 15:11.17 19: 6 **52**:6 **54**:18 **60**:2.3.5 **70**:1 71:17 78:22 88:6 90:25 97: 19.23 99:18 101:24 103:4 104:23 means [1] 36:18 meant [4] 11:10 12:3 34:6 44:11 measure [1] 16:24 measures [1] 58:22 mechanisms [2] 23:18.19 media [4] 13:4.7.11 42:17 meet [2] 9:2 82:18 mere [1] 31:5 merely [1] 49:25 meritorious [1] 96:2 messv [1] 77:16 Meta [14] 4:25 5:3 8:20 13: 10 22:12 27:13.21 43:19 **59**:1,3 **61**:16,20 **93**:19 **110**: Meta's [5] 4:23 5:7,19 13:1 **27**:24 meteor [3] 47:24 86:20 109:12 meteorite [4] 58:15 69:25 86:20 87:11 meteorites [1] 91:17 middle [1] 28:18 most [8] 7:9 43:22 54:19 might [22] 7:18 16:17 35: 13,14 **36**:5 **41**:24 **42**:3 **49**: 4 54:22 62:18 64:17 72:16,

16 **77**:18 **84**:15 **89**:5.6 **95**: 25 96:2 97:24 106:13 107: million [6] 22:19 53:22 65: 16 **74**:24 **80**:24 **94**:22 millions [2] 22:17 110:16 mind [1] 8:19 mindful [1] 45:21 misappropriation [5] 59: 9 65:15 80:24 82:25 96:20 miscalculating [1] 14:23 mischaracterized [1] 104: mishap [1] 35:8 misimpression [1] 53:12 mislead [1] 71:3 misleading [70] 3:15 4:9, 14,17,19 **5**:22,23 **7**:25 **10**:8 **11:**20,24,25 **12:**5 **13:**19 **14:** 9.16 15:3 19:14 20:24 21: 5 22:11.25 23:17 24:3.5 27:20 28:1.15.20 30:21 31: 16 32:22 33:6.23 37:18 38: 19 **43**:6 **44**:15.20 **45**:17 **51**: 4.22 **68**:15 **69**:2 **71**:19 **72**: 3 73:25 78:16 80:1 82:7 83:1 85:1 86:1,9,11 87:9 91:2 94:3 95:5 96:8 97:9, 21 101:9,24 103:14,23 106: 9,14,22 110:5 misleadingly [1] 81:16 misleadingness [2] 17:7 71.24 misled [5] 14:23 36:16 49: 13 **72**:7 **73**:1 misrepresent [1] 81:21 misrepresentation [5] 9: 21 20:24 21:4.6 46:10 misrepresents [2] 85:2 **96**:9 misunderstood [1] 72:21 misuse [26] 4:24 5:1,2,5,7 21:19,23 24:16 25:7 27:22 31:18 33:19 40:2 41:5 43: 21 50:11 53:10 74:9 76:3 93:16 94:22 109:17 110:9 21 22 111:1 misused [1] 36:18 misusing [1] 22:14 mitigate [1] 49:15 mix [1] 104:19 Mm-hmm [1] 56:12 moderate [1] 70:19 modest [2] 32:22,23 modified [1] 8:24 Molotov [3] 86:23 87:12 109:13 month [1] 14:11 months [2] 32:5 68:2 monumentally [1] 72:6 morning [2] 3:4 78:12

65:8 **67**:18 **103**:13 **105**:17

109:23

motion [6] 56:22 78:23.24 79:12 109:22.25 98:23

motion-to-dismiss [1] 76: much [7] 32:12 34:5 71:22 91:7 96:17 102:18 107:11 multiple [1] 92:2 must [4] 51:9 52:6.8 110:5 myself [1] 99:23 name [1] 109:4 narrow [1] 55:8 natural [2] 15:7 93:8 naturally [1] 111:13 nature [5] 36:8 41:20 48:22 70:17 94:1 necessarily [5] 25:17 29:5 **31**:6 **61**:19 **77**:15 necessary [10] 6:23 11:2, 16 18:22 38:12 44:14 53:1 63:6 91:2 101:8 need [4] 38:8 40:20 96:5 105:15 needed [2] 91:7 101:3 needs [6] 18:19 35:23 46: 15 47:1 49:15 98:18 negative [2] 8:5 36:5 negatively [4] 13:4,8 87:3 89:11 nervous [1] 47:8 networks [1] 59:18 never [19] 3:22 4:25 6:11, 16,25 **13**:10 **14**:22 **27**:21 30:3 43:19 52:18 54:23 59: 1 60:20 73:12 90:25 96:10 104:13 111:8 news [1] 91:25 next [3] 32:5 59:14 68:4 nice [1] 84:13 nine [1] 102:1 Ninth [25] 3:11.14.24 5:11 19:23 20:11 28:12,13,24 **30:**13 **37:**9 **38:**15,16 **39:**1, 2 **42**:6 **51**:6 **52**:14,24 **60**: 11 73:18 98:4 103:1,3 112: nobody [4] 34:21 42:16 43: 18 67:7 nobody's [2] 42:1 56:3 non-occurrence [1] 76:15 nondisclosure [1] 82:6 none [1] 76:12 note [2] 34:7 111:10 nothing [3] 58:4 82:10 95: notice [8] 7:17 8:12 63:25 64:10 71:10 75:14 94:17

0 object [1] 38:1 objective [1] 109:20 objects [1] 32:14 obligation [5] 44:2 55:7 90: 25 **106**:8 **112**:11 obsolete [1] 32:3 obtain [1] 36:13 obvious [1] 82:2 occasion [1] 82:5 occur [9] 13:21 15:7 20:2 28:20 51:11 52:4 67:12 68: 12 85.4 occurred [36] 3:17.23 4:20 6:12.25 8:7 12:6.22 21:23 30:3 31:18 36:14 38:21 40: 21 47:3 48:2 50:4 53:10, 14,17 **54**:12 **71**:4 **77**:5 **79**: 17 **83**:19,20 **85**:3,18 **94**:2 96:10 97:7 109:8,12 110:9 **111:**8,19 occurrence [9] 39:3 52:7 **67**:4 **69**:5 **70**:22 **73**:2 **78**: 16 93:10 96:19 occurrences [5] 13:17 19: 25 **20**:6 **41**:7 **99**:9 occurring [9] 6:11 16:9 30: 17 **32**:20 **39**:24 **78**:3 **101**: 23 111:17 112:4 occurs [4] 6:22 9:1 33:10 85:12 offer [1] 45:3 offering [1] 93:7 office [1] 80:3 often [3] 30:25 39:11 57:7 okav [20] 22:6 25:14.15.19 46:19 49:5 54:15 58:7 63: 18 **69**:14 **72**:9 **78**:14.19.21 80:6 81:5 86:16 93:19 102: 17 105:22 omission [5] 44:13 55:18 95:6 96:7 104:13 omissions [6] 3:14 11:25 **37**:3,4 **56**:21 **112**:6 omit [1] 78:16 omits [1] 51:4 omitted [12] 7:3 16:16,19 **17**:1 **23**:7 **25**:2 **36**:21 **51**: 10 52:9 77:5 96:6 108:17 omitting [2] 22:12 34:22 Omnicare [10] 4:5 7:9 11:1 25:20 45:6 55:18 77:12 82: 12 102:4 111:13 once [2] 71:9 76:16 one [36] **4**:4,23 **6**:15 **7**:6 **8**: 16,25 **10**:23 **18**:8 **19**:19 **22**: 7 24:11 45:12,16 47:11,17 **55**:5 **62**:8,13 **63**:25 **64**:22 **65**:25 **66**:20 **69**:19 **75**:24 **89:**24 **92:**11 **95:**11 **96:**2

100:11.15 101:20 104:2

108:22 109:20.21 111:5

onerous [1] 112:10

ones [3] 41:17 42:11 51:25 ongoing [1] 49:21 only [33] 5:21 6:9 7:2 9:25 11:22 12:22 20:23 37:21 **44**:19 **46**:9 **47**:9 **52**:19,21 55:24 57:18 60:10 62:7 64: 17 67:15 76:5,13 80:22 85: 1 88:15 15 89:8 93:9 95: 21 101:5 103:23 104:14 107:3 112:11 open [1] 35:7 opening [2] 23:11 108:23 operating [1] 10:14 operational [2] 35:13 88: operations [3] 68:9 69:8 opinion [13] 4:5,6,9,11 10: 25 17:14 27:7 38:14 45:6, 21 104:4.7 111:4 opinions [1] 25:20 opportunity [1] 77:7 opposed [3] 47:12 49:14 89:25 opposite [2] 54:21 70:12 options [1] 28:6 oral [7] 1:14 2:2,5,8 3:7 50: 22 81:9 order [4] 44:14 85:25 94:2, ordinarily [8] 4:7 16:8 28:9, 10 62:24,25 63:7,7 ordinary [1] 110:1 originally [1] 106:17 other [41] 5:10 6:1 7:6 8:2. 16 **12**:11 13 **15**:24 **16**:21 **17**:9 **19**:9 **21**:25 **24**:8 **25**:9 26:7 28:13 32:8 33:7.18 34:12 35:20 36:18 37:4 38: 23 44:9 47:20 49:21 50:7 55:6.8 62:13 64:15 67:6 **73**:7 **88**:21 **95**:20 **101**:12 103:6.10.12 109:4 others [1] 111:6 otherwise [2] 51:7 97:10 ought [1] 44:2 out [31] 9:7 16:11 17:10 19: 17 **21:**2 **28:**8 **32:**10.14 **34:** 1.16 35:17 38:16 46:21.24 **47**:2 **62**:1 **64**:22 **67**:20 **73**: 3 74:22 81:2 86:17.21 88: 7,18 91:25 92:25 93:2 94: 7 97:22.22 outbreaks [1] 42:20 outcome [1] 111:20 outlier [1] 19:24 outlying [1] 3:12 output [1] 88:3 outright [1] 102:7 outset [1] 10:22 outside [3] 38:25 73:8 103: over [6] 57:7 61:16,21,24 **66**:12 **78**:8

notion [1] 31:12

November [1] 1:11

numerical [1] 70:17

number [2] 21:25 79:3

over-disclose [1] 64:5 over-disclosure [1] 3:25 over-disclosures [1] 64: 12

own [3] 44:13 71:9 90:12

Р PAGE [5] 2:2 13:3 20:14 23:11 92:9 pages [1] 38:16 panoply [1] 18:16 paradigmatic [1] 12:18 paragraph [1] 59:14 parenthetically [1] 111:10 parents [1] 51:21 parse [2] 15:4 55:14 part [4] 44:9 60:5 74:21 79: particular [17] 7:16 8:7 18: 20 43:3 52:16 57:3 73:23, 24 77:2 84:7,7,12 87:1 94: 7 **96**:19 **104**:14 **107**:6 particularly [2] 8:2 60:21 parties [3] 8:10 22:7,14 party [5] 22:15 23:18 35:7 36:17 63:24 past [109] 3:18 4:21 6:14 7: 20.22 8:5 9:25 12:6 13:17. 17 **17**:10 **18**:6.20 **20**:5.16 **21:**23 **24:**7 **27:**14 **28:**2.11. 15 29:16 30:3,25 31:2,5,6 34:10,13,19 36:7,14 38:21 40:21 42:19 43:16,23 46: 12 47:11 48:15 49:16,24 50:4 51:19 52:13,17 53:10 **55**:25 **56**:3,16,17,25 **57**:22 58:5 59:22 63:14 64:24 65: 8 66:3.5.8.11 67:10.12.14 68:16.25 69:25 71:4.11.16 72:7 78:7.8.22.24 79:12.18. 24 80:13 81:21 82:10 85:4. 19.23 87:19 89:22.23 90:3. 17,24 91:1 95:14 96:19 99: 9 100:25 101:23 103:23 106:8,17,18 107:17,20 108: 11 **109:**9,12,17 **110:**10 **111:** paying [1] 14:18 penalize [2] 15:25 112:14 penalized [1] 37:11 people [14] 35:10,22 43:22 44:21 57:14 67:10.14 71:3 72:7 73:2 76:8 81:1 101: 21 107:12 people's [1] 74:24 percent [13] 9:18 10:15,15, 15 **18**:4,4 **26**:6 **42**:13 **48**:8 68:11,22 88:18 105:16 percentage [2] 68:3,22 perfectly [1] 93:8 Perhaps [4] 40:4 44:4 90:1 period [1] 74:16 permission [1] 93:17

persists [1] 31:3 person [12] 6:8,20 15:14 **49**:2 **55**:19 **77**:10 **85**:17 **86**: 21,22 101:21 104:17 110: perspective [1] 46:16 perverse [1] 15:23 Petition [1] 38:17 Petitioner [1] 106:7 Petitioners [15] 1:4.19 2:4. 14 3:8 5:11 81:14.19 82:8 84:6 102:16 103:11.20 104:11 108:5 phrased [1] 96:13 pick [1] 25:24 piece [1] 32:10 pin [1] 62:15 pivot [4] 26:2 27:16,17,17 place [12] 8:4 24:7 27:2 28: 11.14 **36**:7 **43**:16 **74**:9 **87**: 18 **110**:17.20 **112**:10 plaintiffs [3] 5:25 23:23 51: plaintiffs' [1] 24:14 plank [1] 99:19 plant [18] 9:2,5,9,19,24 10: 1,11,14 **11**:17,18 **18**:5 **32**:3 86:6,24 87:25 88:1,2,7 plausibly [1] 77:3 play [4] 40:4 76:12,24 110: pleaded [1] 110:6 pleading [2] 102:14 110:3 please [4] 3:10 50:25 81: 13 88:14 plenty [1] 77:7 point [30] 6:3 8:3.11.17 15: 12.12.19 **18:**18 **19:**20 **23:** 17 **29**:24 **31**:15 **44**:7 **47**:4 48:12 50:13 57:17 64:8,22 **66**:24 **67**:7 **74**:8 **75**:1.3.9 78:22 89:8 93:2 95:2 101: pointing [1] 106:16 points [7] 6:18 15:1 23:1 **29**:17 **47**:14 **108**:7 **109**:6 policies [1] 83:10 policy [2] 79:19 100:16 porch [1] 58:17 portion [1] 91:16 posed [1] 83:14 posit [1] 11:7 positing [2] 86:2,4 position [18] 7:2 10:20,22 **12**:16 **13**:16 **19**:6 **51**:2,13 54:13 62:24 97:3 102:24 103:5 104:22 105:3,8 106: 1 111.24 possibility [2] 30:20 33:4 possible [5] 31:13 40:19 **47**:12 **52**:4.5

possibly [4] 25:1 26:6 37:

potential [7] 13:24 70:23

19 68:13

92:24 93:9 105:11 106:25 **107**:21 potentially [2] 97:22 106: power [1] 18:21 powers [1] 63:12 practices [4] 22:9,13 59: 17 90:12 pre [1] 38:19 precise [1] 92:21 precisely [9] 25:5 27:9 31: 17 **33**:3 **36**:12 **41**:8 **48**:12 50:2 111:25 predictable [1] 31:4 predominantly [1] 92:4 preexisting [1] 28:24 premise [5] 4:15 6:24 9:11 64:14.15 premises [1] 100:12 present [7] 18:20 20:19 29: 16 **49**:23 **80**:13 **90**:17 **107**: presented [6] 51:3 57:19 66:1 78:10 80:19 81:24 presents [1] 72:18 presumably [3] 20:6 109:9 pretty [2] 12:18 27:20 prevail [4] 5:12 39:11 109: 14.22 prevalent [1] 58:20 prevent [2] 22:14 96:1 previous [6] 19:25 20:19 39:3 41:7 111:7 112:9 previously [7] 3:23 4:25 12:22 13:10 38:20 94:1.12 price [1] 110:20 primarily [1] 19:17 principal [1] 60:9 principally [1] 77:14 principle [1] 36:24 prior [3] 67:4,13 112:3 private [7] 37:6 53:22 62: 11 **65**:16 **73**:10 **76**:8 **80**:24 probabilistic [3] 54:10,20 83:17 probabilities [1] 6:10 probability [14] 16:9 30:22 **32**:12.24 **37**:20 **39**:23 **40**: 13 **69**:4,23 **70**:2,3,4 **71**:18 111:17 probable [1] 40:11 probably [6] 44:21 47:25 **60:4 70:6 105:**17,19 probative [1] 75:25 problem [21] 6:7 16:5,21 **19:**8 **24:**14 **33:**25 **34:**14 **37:** 7.9 **40**:12 **44**:9 **58**:5 **59**:19 **64:**3.10 **96:**21 **101:**19 **103:** 9 104:10 109:18 110:11 problems [5] 26:24 35:14 67:21 90:5 108:21 process [1] 63:12

12.18 10:11.14 prohibited [1] 101:16 prohibits [1] 102:6 prolong [1] 97:15 promises [1] 62:10 promulgate [1] 18:21 promulgated [2] 41:3 90: prone [1] 58:19 property [1] 14:18 proposed [1] 39:6 proposition [1] **21**:18 prospectively [1] 15:21 protection [3] 94:16 102: 15 109:2 provide [8] 39:13 53:1 58: 22 59:15 77:17 84:19 85:8 109:1 provided [2] 53:5 98:7 proving [1] 51:9 provision [3] 102:6,10,12 provisions [4] 19:9 26:7 27:4 37:4 PSLRA [2] 102:13 110:3 public [13] 24:17 25:2.8.12 **50**:11 **59**:4 **81**:2 **94**:9 **104**: 5 **110:**12,14,15,21 publicity [5] 21:24 43:20 **56**:2 **57**:13 **109**:9 publicly [2] 5:2,9 pure [2] 37:3,3 purely [4] 48:20 62:18 106: 10.23 purpose [3] 7:14 64:7 100: purposes [2] 103:19 105:8 pursue [1] 25:1 pursuing [1] 23:24 put [12] 8:12 23:21 34:20 **35**:7 **40**:4 **42**:10 **71**:9 **72**: 12 **75**:14 **78**:23 **95**:14,16 Q qualify [1] 7:5 quantification [1] 105:15 quantify [1] 70:16 quantity [1] 85:24 quarrel [1] 103:18 quarterly [1] 112:13

qualify [1] 7:5
quantification [1] 105:15
quantify [1] 70:16
quantity [1] 85:24
quarrel [1] 103:18
quarterly [1] 112:13
question [39] 7:7 19:3 20:
25 25:9 36:20 48:19 50:6,
12 51:2 57:18 62:13 63:18
64:15 66:1,19,19 69:19,22
73:10 74:1,3 76:20,25 77:
6,14,25 78:1,9,10 79:15 80:
19 81:24 82:22 83:22 94:
20 95:24 99:3,19 101:19
questioning [1] 67:20
questions [10] 5:14 11:22
34:6 39:22 46:7 53:3 82:
14 95:11 99:24 102:1
quickly [3] 8:18 80:11 83:9
quite [6] 29:8 35:8 36:10
45:25 66:22 83:9

R rails [1] 30:14 rained [1] 4:18 rains [1] 4:17 raise [3] 63:11 64:4 97:19 raised [3] 82:8 99:4,4 raises [1] 99:23 range [1] 12:4 rates [2] 49:4,10 reacting [1] 43:24 read [7] 6:15 13:11 23:15 **59**:12 **69**:16 **75**:16 **78**:19 readily [1] 107:20 reading [3] 60:12 75:13 77: reads [1] 67:8 real [11] 34:13 48:14 49:1,3 55:6 62:3 66:13 68:14 78: 23 96:11 97:2 realize [1] 31:2 really [33] 10:4,24 16:10,22 18:17 20:3 23:5 32:12 33: 13 34:17 35:3,8 36:22 39: 2 43:6 44:5.5.10 45:5 47:1 **49**:10 **50**:6.14 **60**:8 **70**:25 73:3 76:8 81:1 91:25 98: 24 109:1.6.19 realtor [2] 13:23 14:12 reason [16] 10:17 24:4 27: 15 **31**:1,3 **32**:2 **35**:10 **45**: 23 51:16 53:15 60:12 73:1 80:23 107:8 110:24 112: reasonable [40] 6:8,20 7: 10,11 **10**:12 **16**:24 **27**:11 36:15.22 43:15 48:13.21 **53**:15.18 **55**:19 **56**:23 **57**:2 59:23 60:19 61:6 69:16 77: 3.10 85:17 87:14.16.21.24 88:11.22 89:5 94:15 96:18. 24 101:20.21 104:17 108: 18 109:11,15 reasonably [4] 26:20 47: 21 89:12 96:22 reasons [2] 57:2 110:5 REBUTTAL [3] 2:12 108:3, received [2] 57:6 63:2 recent [2] 17:19 65:15 recently [5] 7:9 53:11 69: 19 86:12 110:10 recognize [2] 11:5 81:20 recognized [1] 4:8 recognizing [1] 45:22 records [1] 22:24 recur [1] 42:22 recurrence [3] 31:1 32:7 reduction [1] 53:24 references [2] 7:22,23 referring [1] 23:10

production [8] 9:2,3,5,9,

regard [3] 36:2 69:2 99:14

reg [1] 99:5

regardless [1] 28:16 regime [4] 3:13 37:10 112: 5,6 registrant [1] 93:7 regs [1] 99:16 regulated [1] 63:24 Regulation [9] 17:20 29:8 **40**:16 **63**:17.20 **64**:19 **65**: 10 **67:**13 **101:**7 regulations [5] 63:13,15 **64**:23 **65**:7 **101**:3 regulator [1] 101:14 regulatory [9] 7:12 25:16 **27**:12 **29**:6 **41**:15,18 **65**:12 67:2 107:5 reinforces [1] 57:12 reject [2] 4:2 51:17 rejected [2] 60:11 82:11 rejection [1] 52:24 relates [1] 47:11 relationship [1] 19:5 relatively [2] 42:24 109:2 relaxed [1] 28:25 release [1] 34:24 released [2] 35:6 53:22 relevant [8] 17:11 18:10 **53:**19 **85:**3,16 **97:**8 **98:**9 104:4 relies [1] 110:19 rely [3] 18:17 24:8 111:9 remain [1] 100:23 remember [1] 109:25 remove [1] 52:8 removed [1] 53:12 render [5] 27:20 29:9 38: 18 **93**:6 **107**:19 rendered [3] 95:5 96:7 106: rendering [1] 44:14 renders [1] 82:7 replaced [3] 32:4,4 68:1 replete [1] 13:13 reply [1] 45:9 report [3] 61:3 68:10 74:14 reported [2] 5:3,9 reports [2] 49:6 112:13 represent [1] 21:6 representation [27] 3:22 4: 10 **9:**23.25 **12:**20 **20:**15.25 **21**:22 **24**:6 **25**:21 **28**:10 **30**: 2 **45**:10,14,19 **46**:10 **47**:10 **50**:14 **57**:21 **58**:4,25 **59**:21 63:2,23 86:14 89:13 111:7 representations [4] 19:19 **27**:14 **45**:7 **62**:22 represented [2] 22:24 58: reproduced [1] 90:14 reputation [8] 5:19 6:6 21: 20 24:13 27:24 33:12.15 reputation's [1] 97:25 require [10] 12:10 63:13,17 **64**:23 **65**:2,7 **90**:6 **94**:15

105:14 **107**:16 required [10] 26:7,14,22 **29**:19 **35**:18 **64**:1,2 **99**:2 101:6 15 requirement [10] 18:6,13 29:6 35:21 39:4 70:16 96: 11 **107**:5,10 **108**:17 requirements [5] 17:10 18: 17.23 **35**:20 **82**:18 requires [14] 17:18,25 19: 24 **26**:8.18 **35**:19 **47**:18 **65**: 13 **102**:13.13 **105**:1 **107**:18 **111**:10 **112**:15 requiring [2] 41:6 66:25 research [1] 46:24 resisting [1] 44:24 resolve [2] 28:4 39:13 resolved [2] 79:10 109:24 respect [5] 24:12 52:11 54: 19 **67**:5 **84**:16 respectfully [2] 60:1 80:2 respond [3] 36:19 60:24 64:4 Respondents [15] 1:7.21. 25 **2**:7.11 **5**:4 **19**:16 **50**:23 81:11 82:1.22 83:23 84:24 90.9 93.14 **Respondents'** [7] 7:1 19: 21 23:3 82:21 108:8,15 111:23 response [9] 6:18 7:7 15:1 23:2 29:21 36:1 63:21 77: 23 80:12 responsible [1] 110:25 rest [1] 19:5 result [5] 4:24 5:8 49:16 98: 15 **110**:17 retake [1] 45:13 reticulated [1] 25:16 **Retirement** [1] 104:5 reveals [1] 73:7 revenue [2] 96:16 97:24 reversed [2] 5:13 112:21 risk [123] 3:14,17,19 4:13, 19 **5**:6,17 **6**:4 **12**:19 **13**:1,3, 12 14:18 15:12.20 16:9 19: 21 20:1.14.17.19 21:6 25: 17 **28**:16.19 **29**:5.23 **30**:9. 10,15,16,21,22,25 31:7,13, 24 32:6,20 37:11,20 38:22 39:9.22 40:17 41:20 42:17 43:2 44:21 47:18,19 48:15 49:7,23,25 50:1 51:3,10,12 19,21,25 **52:**3,7,12 **55:**22 **57**:19 **59**:8,9 **62**:17 **66**:13 **67:**9 **70:**17,19,19,19,24 **71:** 18,20 72:15,15 78:2 80:14, 25,25 **81**:16,20 **82**:7,9 **83**: 14 **84**:8 **85**:17,22,24 **87**:2 **89:**10.23 **91:**8 **92:**3.4.24 95:1.5.7 96:24 97:1.25 99: 7 100:20.23 101:1 103:13. 14,16 **105**:15,18 **106**:24

108:10,13,19 112:1,8,12

risk-factor [2] 81:15 98:8 risks [21] 7:15 15:22 16:3,5 17:17 20:4 30:6 35:11,23 40:8 42:12 51:5 52:20,21 **73**:7 **75**:14 **78**:17 **89**:21 **90**: 3.11 112:16 risky [10] 29:11 53:20 54:2 **65**:14.20 **67**:11 **75**:15 **93**:7 107:12 19 road [1] 4:16 ROBERTS [37] 3:3 18:24 19:2 29:1 30:4 34:2 37:15 **39**:19 **41**:11 **46**:4 **50**:19 **54**: 5,9,15,18 55:1,12 56:8,10, 13 **72**:10 **74**:4 **77**:19 **80**:8 **81**:6 **83**:16 **84**:9 **88**:15 **92**: 15 **95**:9 **97**:13 **98**:20 **102**: 20 105:23 107:24 108:2 **112**:22 role [1] 76:23 rule [38] 3:12 20:11.12.13. 13.22 21:10.15 27:9 31:12 38:15.25 41:21 42:3.7.8 43:8 44:12 45:1 51:17 52: 15 **68**:15 **73**:12 **79**:22,23 **84**:5 **94**:10 **101**:4,5 **103**:11, 21 104:1,8,11,23 105:1 109:34 rules [1] 83:24 run [1] 29:23 RUSSELL [76] 1:20 2:6 12: 14 50:21,22,24 53:4,7 54:4, 6,13,17,25 **55:**11,16 **56:**7, 12,20 **57**:15,24 **58**:6,9 **59**:3. 25 **60**:7 **61**:22 **62**:1.6.12.20 **63:**1 **64:**14.25 **65:**2.6.22 **66:**15,23 **68:**13,23 **69:**4,9, 13,15 **70**:5,12 **71**:2 **72**:1,20, 25 **73**:7,22 **74**:10,13,18 **75**: 3,10,23 **76:**13,20,25 **78:**9, 15 79:1,6,14 80:15,17,22 81:5 83:17 95:15 108:9 109:5 110:8,18

S-K [2] 17:20 101:7 safe [1] 80:3 safeguards [1] 24:1 safety [2] 69:20,22 sales [1] 9:3 same [7] 10:17 31:4 51:24 78:6 82:12 89:1 100:23 satisfied [1] 39:4 saying [22] 11:16 21:3 33:3 **39:**3 **55:**4 **60:**24 **61:**13,15, 17,21 69:17 72:4 79:20,22, 25 82:17 91:21 93:23 101: 5 103:20 104:24 112:7 says [29] 6:22 14:1 15:6 22: 7 30:20 32:19 34:12,18 35: 9,11 38:14,23 40:17,17 49: 3,4 55:17 58:19,21 64:19 67:25 86:3.5.5.6 103:21 106:7 111:5.16

scale [3] 53:11 60:21 110: scenario [3] 84:10 100:22 **106**:15 scent [1] 47:1 scienter [2] 102:13,14 scrutiny [1] 12:10 SEC [29] 15:20 18:18.21 26: 16 **40**:15 **41**:2.6 **42**:3 **63**: 12.18 **64**:9.23 **71**:25 **80**:4 84:22 85:7 92:23 94:6 97: 23 98:13.16 99:5.12.13.15. 20 101:2.13 111:10 SEC's [1] 105:3 second [12] 36:19,19 40: 15 **51**:8 **66**:18 **78**:21,24 **90**: 2 105:9 107:15 108:25 110.7 section [9] 17:24 90:15,16 91:8 92:3,4 95:7 102:11 104:4 sections [2] 91:9 23 securities [7] 3:13 30:1 37: 5 **84:**2.14 **102:**12 **111:**25 security [3] 22:9 58:23 59: 17 see [11] 25:14 41:25 42:4 **43**:7 **66**:21 **67**:21 **70**:20,20, 25 90:12 99:22 seeing [1] 98:24 seeking [1] 92:22 seem [11] 43:1,6 44:1 46:9 84:6.12 89:20 91:14 92:21 95:19 104:6 seemed [3] 30:15 65:24 **108**:16 seems [15] 12:2 41:15 42:2. 8.10.24 **50**:8 **55**:4 **56**:18 57:17 58:10 65:25 92:23 95:20 106:11 seen [1] 98:6 semester [2] 45:13,16 sense [4] 43:25 45:25 48: 11 **81**:18 sensitive [1] 10:23 sentence [1] 55:20 separate [2] 7:4 18:7 separately [1] 59:9 separation [1] 63:11 serious [2] 3:25 87:5 seriously [1] 76:4 serve [1] 7:14 set [4] 19:17 28:8 38:16 57: settled [1] 102:24 several [2] 23:1 103:6 SG [1] 92:22 shaking [1] 21:3 SHANMUGAM [82] 1:18 2: 3.13 **3:**6.7.9 **5:**17.24 **6:**17 7:21 8:16 9:8.15.20 10:21 11:12 12:7 13:14 14:25 15: 18 **16**:7 **17**:12 **18**:9 **19**:1, 10 20:8 21:8,14 22:4,18,21 sorry [7] 54:8 56:9 64:21

23:1,22 **24**:4,11,20,25 **25**: 13,24 **26:**11,13,16,21,25 27:6,18 29:7 30:11 31:9, 22 32:16 33:25 35:25 37: 17,21,24 38:3,6,13 39:25 40:9,22,25 41:2,13 43:10, 12 45:2 47:14 48:3,6,11,24 49:18 50:17 67:20 74:7 82: 15 104:25 108:2.4.6 **Shanmugam's** [1] **62**:23 shares [1] 44:18 sheds [1] 30:25 shied [1] 41:6 shifting [1] 105:4 shot [1] 14:14 shouldn't [1] 43:11 show [5] 44:17 51:9 96:6 105:17.19 showed [1] 62:7 shows [1] 32:5 side [7] 8:2 25:9 33:18 38: 23 50:7 108:14 109:10 side's [6] 12:11.13 15:24 16:21 44:9 64:16 significant [11] 9:5 44:1,6 **59:1 68:9 82:24 83:4,7 86:** 12 89:14 96:25 significantly [1] 104:18 signs [2] 46:21 100:15 silence [1] 61:9 similar [5] 4:4 46:7 47:4 66: 7 82:11 simple [1] 99:6 simply [25] 3:15 4:18,19 6: 3 18:17 19:20 25:7 29:24 30:19 32:19.22 38:14.19 44:7 49:23 51:13 52:8.12 **55**:16 **61**:7 **66**:24 **67**:7 **72**: 4 **73**:11 **111**:5 since [1] 98:5 situation [11] 32:15,17 66: 2.10 72:18 78:2 86:18 87: 22.23 106:23 107:8 situations [5] 36:21 67:18 **72**:14 **87**:11.23 six [2] 32:5 68:2 **sky** [3] **32:**11 **86:**18,21 slightly [1] 15:18 slip [1] 54:22 slip-and-fall [1] 58:17 slipping [1] 55:14 smiling [1] 21:13 so-called [1] 31:11 social [1] 42:17 **Solicitor** [1] 1:22 somebody [5] 15:5 53:16 **55**:21 **75**:13 **76**:6 someday [1] 99:15 sometimes [14] 43:25 58: 1.2 62:18 63:20.21.23 83: 18.19 84:10.11 88:12.16 90:23 somewhere [1] 25:4

65:5 72:20 97:15 101:19 sort [14] 13:12 17:14 19:19 25:21 28:5 30:14 42:4.21 46:25 59:22 71:17 80:21 84:10 109:8 sorts [1] 33:9 SOTOMAYOR [32] 20:7.10 21:8.12 22:2.5.20.23 23:2. 14 **24:**2.10.19.22 **26:**3 **27:** 16 **29**:22 **34**:3 **72**:11.23 **73**: 6.20 **77**:20.23 **92**:18.19 **93**: 13.16.19 94:11.19 95:8 Sotomayor's [1] 25:25 sought [1] 94:24 source [1] 87:1 space [3] 32:10,14 42:14 speaker [2] 4:10 71:22 speaking [4] 13:24 52:21 57:8 99:23 speaks [1] 93:5 specific [8] 7:14 17:19 26: 24 44:21 96:22.23 105:14 specifically [5] 24:12 64: 23 92:10 94:7 110:6 specifics [2] 93:24 97:8 specified [4] 3:16 12:21 30:3 38:20 spectrum [1] 44:23 speculative [3] 29:11 93:8 107:20 spell [1] 92:25 spinach [1] 42:20 spring [1] 17:23 square [1] 17:14 stage [2] 5:16 76:24 stake [2] 44:19 79:11 stand [2] 34:17 112:19 standalone [1] 106:8 standard [20] 7:10 31:20 **33:**2,16,17 **37:**22,25 **38:**7, 11 **39**:11 **95**:25 **98**:18 **104**: 12,16 106:12 109:15,19 110:2.3 112:19 standards [1] 39:16 stands [1] 109:3 start [6] 16:24 22:7 46:20 49:5 51:1 108:8 started [2] 32:2 45:4 starting [1] 64:8 starts [1] 33:6 stat [1] 64:19 state [4] 4:15 23:19 29:16 45:11 stated [1] 23:16 statement [120] 4:8,13,16 **6**:9,13,21,22,24 **7**:20,25 **9**: 11 **10**:9.24 **11**:3.15 **12**:10. 17.19 **13:**6.20 **14:**7.10.13. 20 15:3.5 17:7.8 21:16 22: 11.25 23:10.12.16 24:7.15 **25**:6.11 **27**:20.21.25 **28**:7. 15,20 29:25 30:19 31:16 32:19,21 33:6,22 34:8,18

37:18 38:19 44:15 45:9.17. 20,22 46:11,15 47:11,12 **48**:19 **50**:7,18 **51**:10,12 **53**: 6,16 **54**:11,20 **56**:4,24 **58**: 12 **67**:9 **68**:24 **69**:3,6 **71**: 15,19 **72**:3 **74**:12,13,17 **75**: 4,13,16 76:14 78:5 81:20 82:7,9 83:5,5,18 84:7,25 85:11.14.25 86:3.5 89:6.9 95:5 96:8.9.12.17 97:5.6 **101:**24 **103:**13.22 **106:**10. 21.22 111:15 statements [56] 4:5.6.7 5: 3 8:20,22 11:24,25 12:5 **15**:13 **16**:10 **19**:18 **21**:17 22:6 23:5,9,15 24:8 25:19 27:13 33:10 34:9 36:9 42: 25 **43**:1 **46**:2 **51**:18,25 **52**: 17 **57**:3,20 **60**:10 **62**:16,17 **73**:12.24 **76**:3 **77**:2,4,9,10, 13 **79**:16.22.25 **81**:15.22 83:2 91:3 96:21 98:9 101: 9 110:4 5 7 111:5 STATES [6] 1:1.15.24 2:10 **13**:3 **81**:10 stating [2] 52:1 79:9 **statutory** [1] **29**:6 steps [2] 54:22 55:14 sticking [1] 71:14 still [4] 13:18 44:25 88:10 106:13 stock [1] 110:20 stop [1] 22:2 strict [1] 102:11 strike [1] 109:13 string [1] 14:10 strona [2] 102:13.14 **structure** [1] **57:**5 struggle [1] 96:14 stuck [1] 100:3 student [1] 51:20 stuff [1] 34:20 subject [3] 7:2 12:22 107:9 submission [3] 19:11 39:1 submit [8] 12:11 30:13 33: 14 36:15 43:20 109:14 20 112:20 submitted [2] 112:23.25 substantial [5] 10:13 32:6 **53**:11 **69**:7 **110**:10 substantiate [1] 61:11 suffer [2] 13:6 21:20 suffered [6] 5:1 13:10 43: 19 **86**:12 **89**:14 **109**:16 sufficient [2] 24:1 38:18 suggest [5] 12:3 46:9 80:3, 21 89.7

suggested [3] 84:17,25

suggesting [3] 14:16 49:

suggestion [2] 13:19 47:9

suggests [3] 10:18 46:11

109:5

12 94:5

suit [1] 56:14 summary [4] 56:22 77:8 79:2,10 supply [1] 42:19 supporting [3] 1:24 2:11 supports [1] 31:10 suppose [3] 13:23 67:22. supposed [2] 35:22 55:13 **SUPREME** [2] 1:1.14 surprised [1] 9:16 surprisingly [1] 40:4 susceptible [2] 41:21 83: sweep [1] 27:1 sweeping [1] 3:13 swift [1] 61:2 system [1] 25:16

Т

talks [3] 6:10 18:11 35:21 tangible [1] 12:25 targets [1] 9:3 teeth [1] 96:12 tells [1] 51:20 Tenth [1] 104:2 term [1] 57:9 terms [8] 19:4 44:14 54:7 **69**:18 **70**:18,18 **94**:19 **96**: test [10] 28:23,24 39:6,7,8 **42:1 103:6 108:**9,10 **109:** text [2] 64:18 90:10 themselves [2] 71:8 110:4 theory [5] 24:14 64:13 72:5 85:1 112:2 there's [38] 10:10.13 11:15. 17.18 **15**:15 **20**:24 **21**:5 **25**: 21 30:20 32:6.22 33:4 34: 23 45:14,23 48:8 51:21 65: 15 **66**:12,13 **68**:3,21 **70**:15, 18,19 **74:**22 **75:**12 **79:**11, 11 81:23 90:25 94:5,17 98: 22 101:20 104:2 106:21 thereby [1] 111:19 therefore [3] 31:3 49:21 thinkina [5] 49:13 71:24. 25 72:7 106:13 thinks [1] 46:19 third [7] 22:7.14.15 23:18 **35**:7 **36**:17 **51**:16 third-party [2] 60:15 73:9 THOMAS [22] 5:15,18,20 6: 7,18 7:19 29:3,4 53:4 74:5, 6,11,15,19 75:8,19 76:10, 19,22 82:15 83:3 92:17 Thomas's [1] 78:22

three [2] 15:1 28:5 throw [1] 86:23 thrower [1] 87:12 throwing [1] 46:25 ticking [1] 65:16 tinkered [1] 98:17 tomorrow [1] 49:10 took [12] 4:4 27:2 28:4.11 36:6 60:25 66:18 74:2.9 83:8 110:17 20 total [1] 104:18 totally [2] 14:20 89:20 tough [1] 106:1 transcript [1] 78:20 transpired [2] 51:19 52:20 treat [1] 56:20 treating [1] 61:7 trends [3] 17:25 26:18 91: trial [1] 56:18 tried [1] 67:20 trigger [2] 3:25 106:13 triggering [13] 3:17 4:20 **12**:21 **13**:17 **14**:4 **19**:25 **28**: 14 30:17 38:20 49:14.17 50:3 111:7 trouble [1] 19:3 troubles [1] 67:18 true [4] 51:24,24 85:9 89:7 trusted [1] 61:20 trusting [1] 96:14 truth [2] 54:1 81:3 trv [2] 23:5 46:24 trying [5] 15:14 16:4 62:15 66:23 71:18 turn [2] 64:11 99:22 two [16] 14:14 32:16 36:1 **39**:16 **46**:6 **47**:14 **66**:21 **67**: 18 **71**:1 **72**:12.13 **75**:12.23 87:22 89:2.20 Twombly/lqbal [1] 110:1 type [4] 3:20 8:7 18:20 92: types [9] 7:15,17 8:10 15: 21 16:3 17:17 20:4 36:12 typical [3] 4:18 10:6.7 typically [2] 25:18 40:1 ultimate [3] 30:16 33:15

73:10
ultimately [1] 51:14
uncertainties [3] 18:1 26:
19 91:13
uncertainty [3] 99:1,21
102:8
Under [28] 4:22 5:10 18:13
19:7,9 20:15 28:23 31:20
37:4,21,24 38:6 39:11 71:
4 84:8 85:10,13 86:8 88:9
91:1 94:10,21 95:4 104:16
107:4 108:10 109:15 110:

underestimate [1] 106:24 underlies [1] 30:12 underlying [2] 16:13,14 undermines [1] 64:12 understand [17] 12:13,16 **27**:12 **38**:15 **39**:22 **55**:20, 22 **56**:3 **61**:6 **69**:13,15 **71**: 18 **76**:10.14.16 **100**:8 **109**: understanding [3] 26:9 35:23 91:19 understated [1] 40:8 understatement [1] 105: understates [1] 37:19 understood [3] 9:14 68:24 77:10 undisclosed [1] 103:23 Unfavorable [5] 13:4.7.11 43:20 91:14 unimportant [1] 82:6 UNITED [5] 1:1.15.24 2:10 81.10 Unless [2] 25:20 70:15 unlike [1] 60:13 unlikely [1] 40:2 untrue [1] 71:17 unusual [5] 42:12,15 43:4 44:3 61:14 up [18] 11:14 14:1,14 15:6, 8 25:24 34:6,17 49:3,4,9,9, 11 **50**:13 **56**:11 **71**:7 **97**:19 109:24 update [2] 18:13 112:12 updating [1] 20:9 upholding [1] 19:22 useless [1] 97:22 user [15] 22:17 35:5 36:13. 17 **52**:2 **53**:10 **59**:9 **73**:10 **76:**5,7 **82:**4,25 **93:**17 **94:** 22 96:20 users [5] 27:23 61:23 62: 10.10 96:14 users' [4] 53:22 65:16 80: 24 110:16 uses [1] 47:5

V

utterly [1] 86:19

value [1] 71:8 variety [7] 6:21 12:18 28:8 29:20 40:5 43:23 45:20 various [1] 34:9 vehemently [1] 59:4 version [3] 8:24 10:7 29:18 versions [1] 67:13 versus [1] 3:5 viable [1] 96:2 view [8] 9:7 25:23 26:6 28: 7 46:8 80:13 89:3 104:17 viewed [1] 52:20 views [1] 101:22 violated [1] 83:10

virtual [17] 31:12 33:2.16

though [4] 14:21 37:18 65:

threatens [1] 3:12

4 78:7

37:22 **38**:10,11 **39**:7,8 **41**: 25 **68**:14 **103**:6,10,21 **104**: 10,22,25 105:20 virtually [8] 5:6 28:19 39: 10 68:18,21 103:16,24 104: 15 virtue [1] 9:9

voices [1] 86:22 Volume [1] 90:14 voluminous [2] 13:2 111: 11

vulnerabilities [2] 35:12 47:6

W

wait [2] 48:25 49:13 waived [1] 110:23 walk [1] 99:18 wanted [2] 27:16 39:15 warn [5] 7:15 15:21 17:16, 20 31:13 warned [4] 5:18 27:13 60: 10 **112**:1 warned-of [3] 52:19,21 55: warning [9] 6:4,5 16:2 29: 9 33:13 50:2 55:3 76:3 87:

warnings [2] 4:23 58:25 warns [2] 8:20 112:8 warranties [1] 40:5 warrants [1] 3:20 warranty [3] 16:8 50:3,14 Washington [4] 1:10,18, 20,23

16 28:12 35:6 40:18 42:10 43:7 47:13 55:5.6 56:20 64:10 70:17 72:3 95:3 103: 11 **104**:6,8 **105**:5 **106**:12 wavs [3] 8:10 12:4 89:12 weak [1] 100:15 Wednesday [1] 1:11 welcome [3] 5:14 53:3 82:

way [22] 10:4 14:11 16:9 23:

Whatever [5] 35:19,20 70: 20 101:8 105:16 whenever [2] 12:17 102:6

Whereupon [1] 112:24 whether [29] 5:22 15:15 17:

2.4 **20:**23 **21:**22 **25:**3 **28:** 16 46:14 49:24 50:3 51:19 52:16 55:9.14 58:14.16 63:

7 70:17 71:19 73:11.24 74: 16 75:20 77:2 79:16 91:16

101:22 109:7

whole [8] 8:11 15:12,12 54: 1 **64**:6,12 **100**:8,9 wildly [1] 101:25

will [16] 3:3 7:16 13:23 49:7, 16,22 **50**:13 **54**:20 **58**:22 61:1 67:8 69:7 79:20 85:

13 86:7 100:18

window [1] 86:24

wipe [1] 88:7 wiped [1] 88:18 wiring [2] 32:3 68:1 wisdom [2] 57:6 63:3 without [5] 20:1 21:22 38: 21 62:3 69:2 wonder [1] 58:14

wondering [2] 46:14 103:5 word [1] 111:21 wording [4] 10:24 46:2

110:7 111:14 words [6] 8:21 17:3 47:20

49:21 55:8 95:20 work [1] 34:1

world [5] 25:22 58:14,17 78:23 79:20 worry [1] 19:7

write [9] 17:13 27:7 38:14 **45**:21 **63**:13 **99**:5 **101**:2,3 111:4

writing [3] 101:4,4,4 written [2] 41:17 99:16

year [3] 41:4 68:5 96:15 years [2] 57:7 103:2 yesterday [1] 4:18 yourself [1] 84:24

Z

zero [1] 71:21