

CERTIFICATE OF SERVICE

As required by Supreme Court Rule 29.5, I, Jennifer L. Swize, a member of the Supreme Court Bar, hereby certify that all parties required to be served have been served, and that one copy of the attached Application was served on November 21, 2019, via electronic mail and by United Parcel Service on:

THOMAS W. KRAUSE
Solicitor
JOSEPH MATAL
MARY L. KELLY
SARAH E. CRAVEN
Associate Solicitors
Office of the Solicitor
U.S. Patent and Trademark Office
Mail Stop 8, P.O. Box 1450
Alexandria, Virginia 22313-1450
(571) 272-9035
Mary.Kelly@USPTO.gov

*Attorneys for the Director of the
United States Patent and Trademark
Office*

NOEL J. FRANCISCO
Solicitor General
United States Department of Justice
950 Pennsylvania Avenue, N.W.
Washington, D.C. 20530-0001
(202) 514-2217
SupremeCtBriefs@USDOJ.gov

Attorney for the United States

Date: November 21, 2019

/s/ Jennifer L. Swize

Jennifer L. Swize
Jones Day
51 Louisiana Avenue, N.W.
Washington, DC 20001
Telephone: (202) 879-3939
jswize@jonesday.com