

CERTIFICATE OF FILING

I hereby certify that the foregoing *Patent Owner's Notice of Appeal* is being filed on this 6th day of March, 2020, as follows:

1. By hand delivery to the Director of the United States Patent and Trademark

Office at the following address:

Office of the General Counsel
Madison Building East, 10B20
600 Dulaney Street
Alexandria, VA 22314-5793

2. Electronically to the Patent Trial and Appeal Board through the End to End System.

3. Electronically to the United States Court of Appeals for the Federal Circuit through the ECF System, and by hand delivery to the following address:

United States Court of Appeals for the Federal Circuit
Office of the Clerk
717 Madison Place NW, Suite 401
Washington, DC 20005

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