

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

SAMSUNG ELECTRONICS CO., LTD. AND
SAMSUNG ELECTRONICS AMERICA, INC.,

Petitioners,

v.

APEX BEAM TECHNOLOGIES LLC,

Patent Owner.

Patent No. 10,951,271
Filing Date: June 27, 2019
Issue Date: March 16, 2021

Inventor: Xiaobo Zhang
Title: METHOD AND DEVICE FOR MULTI-ANTENNA
TRANSMISSION IN UE AND BASE STATION

**PATENT OWNER'S
UPDATED POWER OF ATTORNEY**

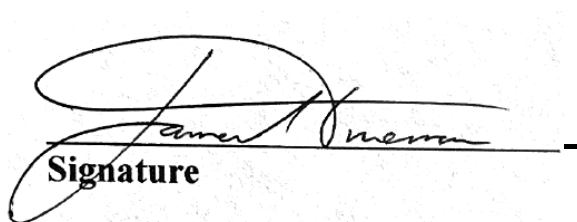
Case No. IPR2023-00747

Pursuant to 37 C.F.R. § 42.10(b), Patent Owner, Apex Beam Technologies LLC, hereby appoints the following lead and back-up counsel to prosecute and transact all business before the Patent Trial & Appeal Board of the United States Patent and Trademark Office in connection with a petition for *inter partes* review of U.S. Patent No. 10,951,271, entitled “METHOD AND DEVICE FOR MULTI-ANTENNA TRANSMISSION IN UE AND BASE STATION”:

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The undersigned is authorized to execute this Power of Attorney on behalf
of Patent Owner APEX BEAM TECHNOLOGIES LLC.



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CERTIFICATE OF SERVICE

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June 7, 2024

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