

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. IPR2023-00571

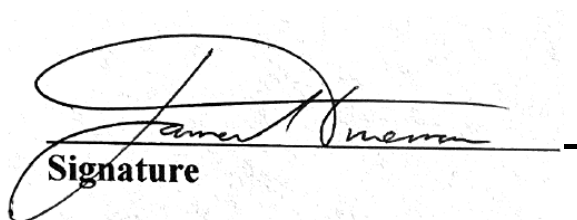
---

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”:

| Lead Counsel                                                                                                                                                                                                                     | Back-up Counsel                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vincent J. Rubino, III (Reg. No. 68,594)<br>FABRICANT LLP<br>411 Theodore Fremd Avenue,<br>Suite 206 South<br>Rye, New York 10580<br>Tel. 212-257-5797<br>Fax. 212-257-5796<br>PTAB@fabricantllp.com<br>vrubino@fabricantllp.com | Peter Lambrianakos (Reg. No. 58,279)<br>FABRICANT LLP<br>411 Theodore Fremd Avenue,<br>Suite 206 South<br>Rye, New York 10580<br>Tel. 212-257-5797<br>Fax. 212-257-5796<br>plambrianakos@fabricantllp.com                                |
|                                                                                                                                                                                                                                  | Alfred R. Fabricant (subject to motion to appear <i>pro hac vice</i> )<br>FABRICANT LLP<br>411 Theodore Fremd Avenue,<br>Suite 206 South<br>Rye, New York 10580<br>Tel. 212-257-5797<br>Fax. 212-257-5796<br>ffabricant@fabricantllp.com |

| Lead Counsel | Back-up Counsel                                                                                                                                                                                          |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|              | Enrique W. Iturralde (Reg. No. 72,883)<br>FABRICANT LLP<br>411 Theodore Fremd Avenue,<br>Suite 206 South<br>Rye, New York 10580<br>Tel. 212-257-5797<br>Fax. 212-257-5796<br>eiturralde@fabricantllp.com |
|              | Julian G. Pymonto (Reg. No. 75,999)<br>FABRICANT LLP<br>411 Theodore Fremd Avenue,<br>Suite 206 South<br>Rye, New York 10580<br>Tel. 212-257-5797<br>Fax. 212-257-5796<br>jpymonto@fabricantllp.com      |
|              | Jacob Ostling (Reg. No. 77,624)<br>FABRICANT LLP<br>411 Theodore Fremd Avenue,<br>Suite 206 South<br>Rye, New York 10580<br>Tel. 212-257-5797<br>Fax. 212-257-5796<br>jostling@fabricantllp.com          |

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



**Signature**

**06/07/24**  
**Date**

**James A. Trueman**  
**Printed Name**

**Managing Director**  
**Title**

**CERTIFICATE OF SERVICE**

A copy of the foregoing Patent Owner's Updated Power of Attorney has been served on Petitioners' counsel of record as follows:

Joshua L. Goldberg  
Email: joshua.goldberg@finnegan.com  
Nicholas A. Cerulli  
Email: nicholas.cerulli@finnegan.com  
Mingji Jin  
Email: mingji.jin@finnegan.com  
Chen Zang  
Email: chen.zang@finnegan.com  
**FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, LLP**  
901 New York Avenue, NW  
Washington, DC 20001

Kevin D. Rodkey  
Email: kevin.rodkey@finnegan.com  
**FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, LLP**  
271 17th Street NW, Suite 1400  
Atlanta, GA 30363

Yi Yu  
Email: yi.yu@finnegan.com  
**FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, LLP**  
1875 Explorer Street  
Reston, VA 20190-6023

*Attorneys for Samsung Electronics Co., Ltd.  
and Samsung Electronics America, Inc.*

June 7, 2024

By: /Vincent J. Rubino, III /  
Vincent J. Rubino, III (Reg. No. 68,594)  
Lead Counsel for Patent Owner  
FABRICANT LLP  
411 Theodore Fremd Avenue,  
Suite 206 South  
Rye, New York 10580  
Telephone: 212-257-5797  
Fax: 212-257-5796