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. 10,944,527
Filing Date: June 3, 2019
Issue Date: March 9, 2021

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

PATENT OWNER'S MANDATORY NOTICES

Case No. IPR2023-00603

Pursuant to 37 C.F.R. § 42.8(a)(2), Patent Owner, Apex Beam Technologies LLC ("Apex Beam"), hereby files its Mandatory Notices. These notices are timely filed within 21 days of the purported date of service of the petition, February 28, 2023.

I. 37 C.F.R § 42.8(b)(1) – REAL PARTY-IN-INTEREST

The patent owner and real party-in-interest is Apex Beam Technologies LLC.

II. 37 C.F.R § 42.8(b)(2) – RELATED MATTERS

Pursuant to 37 C.F.R. § 42.8(b)(2), Patent Owner identifies the following related matters concerning U.S. Patent No. 10,944,527 (the "'527 Patent"):

Case No.	Patent No.	Petitioner	Patent Owner	Status
IPR2023-00598	10,462,767	Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.	Apex Beam Technologies LLC	Pending
IPR2023-00599	10,912,081	Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.	Apex Beam Technologies LLC	Pending
IPR2023-00601	10,568,113	Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.	Apex Beam Technologies LLC	Pending

Case No.	Patent No.	Petitioner	Patent Owner	Status
IPR2023-00602	10,568,113	Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.	Apex Beam Technologies LLC	Pending

Patent Owner identifies the following pending district court cases:

- *Apex Beam Technologies LLC v. TCL Mobile International Limited, et al.*, Case No. 2:21-cv-00438-JRG (E.D. Tex.).
- *Apex Beam Technologies LLC v. ZTE Corporation*, Case No. 2:22-cv-00031-JRG-RSP (E.D. Tex.);
- *Apex Beam Technologies LLC v. OnePlus Technology (Shenzhen) Co., Ltd.*, Case No. 2:22-cv-00032-JRG (E.D. Tex.); and
- *Apex Beam Technologies LLC v. Samsung Electronics Co., Ltd. and Samsung Electronics America, Inc.*, Case No. 2:22-cv-00188-JRG (E.D. Tex.).

III. 37 C.F.R § 42.8(b)(3) – DISCLOSURE OF COUNSEL

Pursuant to 37 C.F.R § 42.8(b)(3), Patent Owner identifies lead and back-up counsel as follows:

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IV. 37 C.F.R § 42.8(b)(4) – CORRESPONDENCE

Pursuant to 37 C.F.R § 42.8(b)(4), Patent Owner requests that all correspondence be directed to lead counsel and back-up counsel identified in Section III above. Patent Owner also consents to electronic service at the following e-mail address: ptab@fabricantllp.com.

Respectfully submitted,

Dated: March 21, 2023

By: /*Vincent J. Rubino, III*/

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CERTIFICATE OF SERVICE

A copy of the foregoing Patent Owner's Mandatory Notices has been served on Petitioner's counsel of record as follows:

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