

Filed: March 23, 2020

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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LG ELECTRONICS, INC.,

PETITIONER,

V.

BELL NORTHERN RESEARCH, LLC,

PATENT OWNER.

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Case No. IPR2019-00319

U.S. Patent No. 7,039,435

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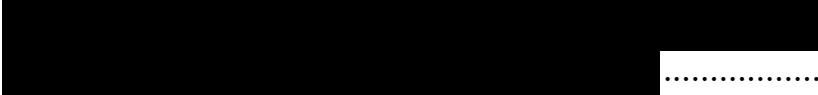
**PATENT OWNER'S PRELIMINARY RESPONSE  
UNDER 35 U.S.C. § 313 AND 37 C.F.R. § 42.107**

**PUBLIC VERSION**

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