

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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GOOGLE LLC, SAMSUNG ELECTRONICS CO., LTD., SAMSUNG  
ELECTRONICS AMERICA, INC., LG ELECTRONICS INC., and LG  
ELECTRONICS U.S.A., INC.,  
Petitioners,

v.

PARUS HOLDINGS, INC.,  
Patent Owner.

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Case No. IPR2020-00846  
U.S. Patent No. 7,076,431

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**PATENT OWNER'S RESPONSE  
PURSUANT TO 37 C.F.R. § 42.120(a)**

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