## UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

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

v.

NANOCO TECHNOLOGIES LTD., Patent Owner.

Case No. IPR2021-00186 U.S. Patent No. 8,524,365

PATENT OWNER'S PRELIMINARY RESPONSE PURSUANT TO 37 C.F.R. § 42.107(a)



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