

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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SHARKNINJA, INC.,  
SHARKNINJA OPERATING LLC,  
SHARKNINJA MANAGEMENT LLC, AND  
SHARKNINJA SALES COMPANY,  
Petitioners,

v.

DYSON TECHNOLOGY LIMITED,  
Patent Owner.

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Case No. IPR2023-01323

U.S. Patent No. 11,589,660

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**Declaration of Daniel M. Nosenchuck, Ph.D. in Support of Petition  
for *Inter Partes* Review of U.S. Patent No. 11,589,660**

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