

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

AQUESTIVE THERAPEUTICS, INC.

Petitioner

v.

HALE BIOPHARMA VENTURES, LLC

Patent Owner

Case: IPR2019-00450

U.S. Patent No. 9,763,876 B2

DECLARATION OF NICHOLAS A. PEPPAS, Sc.D.

**IN SUPPORT OF PETITION FOR *INTER PARTES* REVIEW
OF U.S. PATENT NO. 9,763,876**

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