

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

BOSE CORPORATION,
Petitioner,

v.

KOSS CORPORATION,
Patent Owner.

Case No. TBD
Patent No. 10,368,155

DECLARATION OF JOHN G. CASALI, Ph.D., CPE

Bose Exhibit 1005 Bose v. Koss

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I, John G. Casali, declare:

1. I have been retained by Wolf, Greenfield & Sacks, P.C., counsel for Petitioner Bose Corporation, to submit this declaration in connection with Bose's petition for *inter partes* review of claims 1-14 (the "challenged claims") of U.S. Patent No. 10,368,155 (Ex. 1001, "the '155 patent"). I am being compensated for my time at my standard rate of \$600 per hour, plus actual expenses. My compensation is not dependent in any way upon the outcome of the *inter partes* review of the '155 patent.

I. BACKGROUND AND QUALIFICATIONS

2. I am the John Grado Chaired Professor of Industrial and Systems Engineering at Virginia Polytechnic Institute and State University in Blacksburg, Virginia ("Virginia Tech"). I am also the founder and Director of the Auditory Systems Laboratory at Virginia Tech.¹ I have been an engineering professor at Virginia Tech since 1982, and founded the Auditory Systems Laboratory in 1983.

¹ My work at Virginia Tech as a Chaired Professor and former Department Head involves the procurement of research and foundation funding support from a variety of outside sources, including U.S. military, U.S. government, and corporate sources. Over the years, I have been responsible for procuring more than \$14 million in total funding support at Virginia Tech, approximately \$6M of which is

3. I am a Founding Partner and Chief Technology Officer of Hearing, Ergonomics & Acoustics Resources LLC, d/b/a “H.E.A.R. LLC,” a small consulting company chartered in Virginia in 2015 that specializes in hearing-related, ergonomics, and acoustical consulting as applied to product and systems design, product testing and evaluation, intellectual property assistance, forensics and litigation support, and military research and development.

4. I attended Virginia Tech as an undergraduate and graduate student, obtaining a B.S. in Psychology in 1977, a Master of Science in 1979, and a Ph.D. in Industrial Engineering with concentration in Human Factors Engineering in 1982.

5. I have been certified since 1993 by the Board of Professional Ergonomists as a Certified Professional Ergonomist (CPE), registration #222.

A. Research Contracts and Grants at Virginia Tech and at H.E.A.R. LLC

6. In 1983, I founded the Auditory Systems Laboratory at Virginia Tech, and since that time, have served as its sole Director. My work at Virginia Tech as a Chaired Professor and former Department Head involves the procurement of

directly related to the support of research on applied acoustics and ergonomics issues. None of this funding is related in any way to this case nor the outcome of it.

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