

**Committee on Energy and Commerce**  
**U.S. House of Representatives**  
Witness Disclosure Requirement - "Truth in Testimony"  
Required by House Rule XI, Clause 2(g)(5)

<b>1. Your Name: Thomas A Powers, Ph.D.</b>		
<b>2. Your Title: Audiology Consultant – Hearing Industries Assn. / Managing Member - Powers Consulting, LLC.</b>		
<b>3. The Entity(ies) You are Representing: Hearing Industries Association</b>		
<b>4. Are you testifying on behalf of the Federal, or a State or local government entity?</b>	<b>Yes</b>	<b>No X</b>
<b>5. Please list any Federal grants or contracts, or contracts or payments originating with a foreign government, that you or the entity(ies) you represent have received on or after January 1, 2015. Only grants, contracts, or payments related to the subject matter of the hearing must be listed.</b>  NONE		
<b>6. Please attach your curriculum vitae to your completed disclosure form.</b>		

Signature:  \_\_\_\_\_ Date:     April, 26, 2017

**VITAE**

**PERSONAL DATA**

FULL NAME: Thomas A. Powers, Ph.D.

HOME ADDRESS:

[REDACTED]  
[REDACTED]

TELEPHONE:

[REDACTED]  
[REDACTED] [REDACTED]  
[REDACTED] [REDACTED]

**EDUCATIONAL BACKGROUND**

Ohio University; Athens, Ohio  
PhD, Audiology – 1977

Ohio University; Athens, Ohio  
MA, Audiology – 1975

State University of New York at Geneseo; Geneseo, New York  
BS, Speech & Hearing – 1971

**BUSINESS EXPERIENCE**

POWERS CONSULTING, LLC

Oxford, NJ 07863

November 2016 – Present

Providing consulting services to the hearing aid industry

**SIVANTOS, INC./SIEMENS**

Piscataway, NJ

January 1995 to November 2016

VICE-PRESIDENT,

GOVERNMENT ACCOUNTS AND PROFESSIONAL RELATIONS

SIEMENS HEARING INSTRUMENTS

Piscataway, New Jersey

Siemens hearing instruments is a leading maker of hearing aids.

Reports to the CEO. Directs all clinical trials, training and educational programs., and conducts training for staff on relevant policies and regulations.

- Contracting point of contact for Veterans Affairs and government accounts.
- Member of Senior Management Team.
- Compliance Officer – 12/1/04 – 9/30/2013
- Member of Corporate Audiology Research Team, a 4 member team (2 each from Germany and USA) to initiate product development and clinical investigations.

POWERS & ASSOCIATES

Bound Brook, New Jersey  
April 1993 to January 1995

Powers and Associates was an independent consulting company providing distribution, training and marketing services to the medical industry.

AUDIOSCIENCE, INCORPORATED

Minnetonka, Minnesota  
April 1990 to April 1993

VICE PRESIDENT, SALES

February 1992 to April 1993

Recruited to start-up in hearing industry to manage independent manufacturer representative sales force.

- Managed budget for entire sales/marketing departments.
- Worked as a member of the Executive Team for private placement funding and successful Initial Public Offering.

DIRECTOR, SALES

April 1990 to February 1992

SIEMENS

Piscataway, NJ  
February 1981 to March 1990

DIRECTOR, PROFESSIONAL RELATIONS – SIEMENS HEARING  
INSTRUMENTS, INCORPORATED

Piscataway, New Jersey  
March 1985 to March 1990

- Reported to the President.

DIRECTOR OF MARKETING  
February 1983 to March 1985

NORTHEAST-MIDWEST REGIONAL SALES MANAGER  
February 1981 to February 1983

TELEX COMMUNICATIONS, INCORPORATED

Minneapolis, Minnesota  
July 1979 to February 1981

Telex Communications makes audio and communications equipment for commercial, professional, and industrial customers -- its sound systems can be heard in venues from the New York Metropolitan Opera to Wrigley Field. Telex derives more than 80 percent of its sales from professional audio products, which include speakers, microphones, and mixing consoles.

DIRECTOR, PROFESSIONAL MARKETING SERVICES

Provided technical support and direction to Sales and Marketing.

- Developed training program for sales force.

AUDIOLOGY, SPEECH PATHOLOGY, AND HEARING AID SERVICES

Huntington, West Virginia  
July 1977 to July 1979

Audiology, Speech Pathology, and Hearing Aid Services was a private practice Audiology/speech pathology office.

CLINIC DIRECTOR

Dispensed hearing aids and supervised staff members.

- Marketed to community.
- Developed program for increasing professional referrals.

OHIO UNIVERSITY

Athens, Ohio

September 1973 to June 1977

GRADUATE ASSISTANT

Taught undergraduate courses and completed research projects.

**PUBLICATION LIST**

Powers T. Forward Masking of Consonant-Vowel Segments. *Ohio Journal of Speech and Hearing* 1976 22:44-48.

Powers T. Individual Application of FM Auditory Listening Systems. *Hearing Instruments* 1979 31:19-25.

Powers T, Sacca D. Circuit Modification for Feedback Reduction in ITE Instruments. *Hearing Instruments* 1983 34:40

Wolf H, Powers T. Remote Control: The Invisible Touch. *The Hearing Journal* 1986 39:18-20.

Powers T. and Fry. D. An Environmentally Sound Hearing System. *Hearing Instruments* 1990 42:32-39.

Powers T. AudioScience, Inc.: PRIZM. *Seminars in Hearing* 1992 13:105-109.

Powers T. Multi-memory System Expands Client Input, Dispenser Market. *Hearing Instruments* 1993 44:22-29.

Powers T. PRIZM Programmable Hearing System. In R. Sandlin (ed.). *Understanding Digitally Programmable Hearing Aids*. 1993 Boston: Allyn and Bacon.

Powers T, Holube I, Wesselkamp M. The Use of Digital Features to Combat Noise. *Hearing Review* 1999 volume 3, 36:40,

Powers T. and Burton P. DSP Benefits: Moving Beyond Traditional Analog Capabilities, *Hearing Review* 2000 10:62-67.

Mueller HG, Powers T. Considerations of auditory acclimatization in the prescriptive fitting of hearing aids. *Seminars in Hearing* 2001 22(2) 103-124

Powers T, Hamacher V. Three microphone instrument is designed to extend benefits of directionality. *Hearing Journal* 2002 55(10) 38-55

Powers T, Hamacher V. Proving adaptive directional technology works: A review of studies. *Hearing Review* 2004 11(4) 46-49, 69

Powers T, Burton P. Wireless technology synchronizes DSP and user controls for true binaural amplification. *Hear J* 2005:58(1):25-34.

Powers T, Burton P. Wireless binaural synchronization in hearing aids: Questions and answers. *Hear Rev* 2005; 12(1):28-30,89.

Powers, T, Branda E, Hernandez A, Pool A. Study finds real-world benefit from digital noise reduction. *Hear J* 2006, 59(2) 26-30.

Burton P, Smaka C, Powers T. Digital Noise Reduction: Yes, there is research supporting its effectiveness! *Hearing Review* March 2006.

Chalupper, J., Powers, T. Changing how Gain is Selected: The Benefits of Combining Datalogging and a Learning VC. *Hearing Review*, Vol 13, No. 13, 46-55.

Chalupper, J. Powers, T. New algorithm is designed to take the annoyance out of transient noise. *Hearing Journal* 2007 Vol. 60, No 7 pg.42-48.

Powers, T, Heuermann, H., Chalupper, J. From Data-logging to Data-Learning. *Advance for Audiologists*, Vol 9, No. 5 (2007).

Burton, P., Powers, T., Chalupper, J. New Form Factors in Hearing Aids: A new era for Form and Function. *Hearing Review*, August 2008

Chalupper, J. Powers, T., Steinbuss, A. Combining Phase Cancellation, Frequency Shifting, and Acoustic Fingerprint for Improved Feedback Suppression. *Hearing Review*, Jan. 2010.

Powers, T, Beilin, J, True advances in hearing aid technology: What are they and where's the proof. *Hearing Review*, Jan. 2013

Powers, T. Heuermann, H., Hannemann, R. 10 Questions About Frequency Compression. *Hearing Review* Oct. 2013.

Powers, T., Froehlich, M Clinical results with a new wireless binaural directional hearing system. *Hearing Review* Nov. 2014.

Froehlich, M., Powers, T. Improving speech recognition in noise using binaural beamforming in ITC and CIC hearing aids. *Hearing Review* November 2015.

Powers, T., Littmann, V. Benefits of binaural beamforming for individuals with severe hearing loss. *Hearing Review* April 2016.

Littmann, V., Yu-Hsiang, W., Froehlich, M., Powers, T. Multi-center evidence of reduced listening effort using new hearing aid technology. *Hearing Review* Feb. 2017.