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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

K/S HIMPP

Petitioner

v.

III Holdings 4 LLC

Patent Owner

Case IPR2017-00781
Case IPR2017-00782
U.S. Patent No. 8,654,999

PETITIONER'S DEMONSTRATIVES FOR ORAL ARGUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD

U.S. Patent No. 8,654,999

K/S HIMPP

v.

III HOLDINGS 4, LLC

IPR 2017-00781, IPR 2017-00782

Petitioner's Demonstrative Exhibits

May 1, 2018

Overview

Overview of US8,654,999 (the '999 Patent)

The Instituted Combinations

Issues Raised by Patent Owner (PO)

Conclusion



(12) **United States Patent**
Mindlin, II et al. **US 8,654,999 B2**
(45) **Date of Patent:** Feb. 18, 2014

(54) **SYSTEM AND METHOD OF PROGRESSIVE BEARING DEVICE ADJUSTMENT**
USPC 381/314
See application file for complete search history.

(75) Inventors: Harold S. Mindlin, II, Austin, TX (US);
David Andrew Landry, Austin, TX (US)

(73) Assignee: **Audiotility, Inc., Austin, TX (US)**

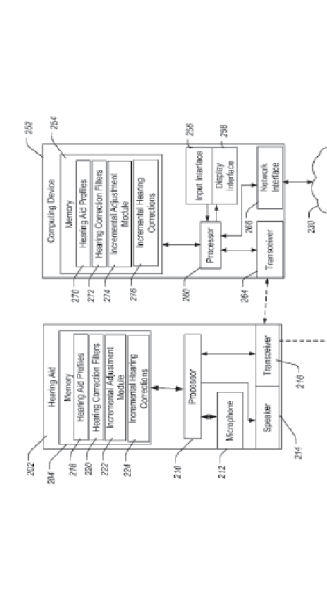
(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 296 days.

(21) Appl. No.: 13/085,015
(22) Filed: Apr. 12, 2011
(65) Prior Publication Data
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Related U.S. Application Data
(69) Provisional application No. 61/732,841, filed on Apr. 13, 2010, provisional application No. 61/905,759, filed on Jun. 2, 2010.

(51) Int. Cl. (2006.01)
H04R 25/00
(52) U.S. Cl. USPC 381/314, 381/06, 381/312

ABSTRACT
A hearing aid includes a microphone to convert sound into an electrical signal and a processor coupled to the microphone. The processor is configured to receive a sequence of incremental hearing correction values to the electrical signal to produce a modulated output signal to at least partially compensate for a hearing impairment of a user. The hearing aid includes a user interface to receive the hearing correction values and configured to convert the modulated output signal into an audible sound.



HIMPP 1001

'999 patent, Ex. 1001 *

* Citations to the record correspond to IPR2017-00781; where the record in IPR2017-00782 differs in substance, it will be cited separately

(10) **Patent No.:** **US 8,654,999 B2**
(45) **Date of Patent:** **Feb. 18, 2014**

(54) **SYSTEM AND METHOD OF PROGRESSIVE HEARING DEVICE ADJUSTMENT**

The '999 Patent

[F]irst-time hearing aid users may experience psychological distress when their hearing is restored to a normal level after years of hearing loss.”

Petition at 6, citing '999 patent, Ex. 1001 at 1:58-67

[I]ncremental or progressive application of hearing adjustments over time [e]ase a user’s transition from an uncompensated hearing level to a fully-compensated hearing level.”

Petition at 6, citing '999 patent, Ex. 1001 at 2:26-39

[P]urported invention...is the application of multiple, incremental correction levels in the form of ‘hearing correction filters.’”

Petition at 6-7, citing '999 patent, Ex. 1001 at 4:60-5:2, 6:42-52, 8:55-58

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