

Petitioner's Oral Hearing Demonstratives

Apple Inc. (Petitioner)
v.
Koss Corporation (Patent Owner)

Case No. IPR2021-00381
U.S. Patent No. 10,491,982

Before Hon. David C. McKone, Gregg I. Anderson, and Norman H. Beamer

FISH.

DEMONSTRATIVE EXHIBIT - NOT EVIDENCE

Table Of Contents

The '982 Patent	X
Instituted Grounds	X
Discussion of Key Topics	X
1 - A POSITA Would Have Had Reasonable Expectation of Success In Combining the Prior Art (Claim 1)	X
2 - The Record Evidence Teaches A "Remote Network Server" In Communication With Both an Earphone And a Mobile Digital Audio Player (Claim 4)	X
3 - Koss's Purported Concerns of Firmware Upgrade Functionality Are Misplaced (Claim 14)	X
4 - The Record Evidence Teaches Microphone Activation By a User (Claim 15)	X
5 - Rosener's Signal Conditioning Circuit 916 Would Have Rendered Obvious a "Digital Signal Processor" (Claims 19 and 20)	X
6 - Koss has not Established Non-obviousness Based on Commercial Success	X

Instituted Grounds

Obviousness Ground	Claim(s) Challenged
Rosener and Hankey 1(A) / Rosener, Hankey, and Dyer 1(A)(i)	1, 2, 18, 19, 20
Rosener, Hankey, and Haupt 1(B) / Rosener, Hankey, Dyer, and Haupt 1(B)(i)	3, 4, 5
Rosener, Hankey, and Price 1(C) / Rosener, Hankey, Dyer, and Price (C)(i)	14
Rosener, Hankey, and Paulson 1(D) / Rosener, Hankey, Dyer, and Paulson 1(D)(i)	15
Rosener, Hankey, and Huddart 1(E) / Rosener, Hankey, Dyer, and Huddart 1(E)(i)	16, 17
Rosener, Hankey, Huddart, and Vanderelli 1(F) / Rosener, Hankey, Dyer, Huddart, and Vanderelli 1(F)(i)	17

* Independent claims noted in *red*

* Grounds in dispute are noted in **bolded format**

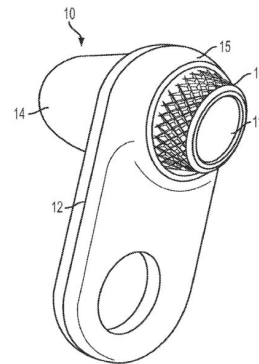
The '982 Patent

“The 982 patent relates to wireless earphones that receive streaming audio data over a network.”

Petition (citing APPLE-1001, 2:7-23)

“As shown in [FIG.] 1B, the earphone 10 may comprise a body 12. The body 12 may comprise an ear canal portion 14.”

APPLE-1001 at 3:24-27, Fig. 1B

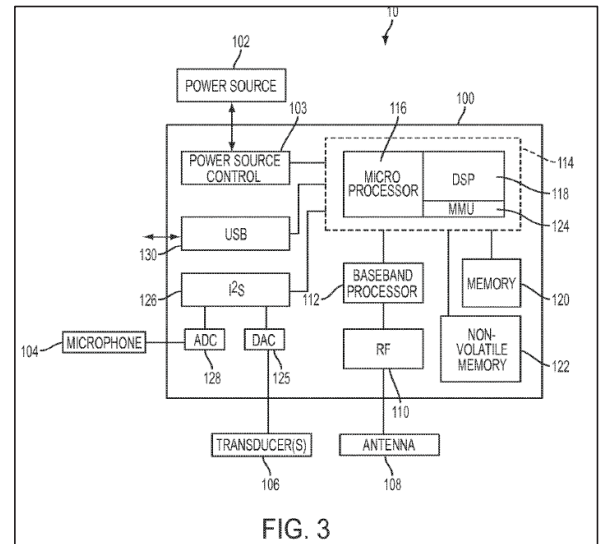


The '982 Patent

“FIG. 3 is a block diagram of the earphone 10.”

“In various embodiments, the transceiver circuit 100 **may be implemented as** a single integrated circuit (IC), such as a system-on-chip (SoC).... **In alternative embodiments, however,** the components of the transceiver circuit 100 could be realized with two or more discrete ICs or other components, such as separate ICs for the processors, memory, and RF (e.g., Wi-Fi) module, for example.”

APPLE-1001 at 6:34-41; 6:49-59



APPLE-1001 at FIG. 3

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.