



US 20100245585A1

(19) **United States**

(12) **Patent Application Publication**
FISHER et al.

(10) **Pub. No.: US 2010/0245585 A1**

(43) **Pub. Date: Sep. 30, 2010**

(54) **HEADSET-BASED TELECOMMUNICATIONS PLATFORM**

H04N 5/262 (2006.01)
G10L 15/00 (2006.01)
H04B 7/00 (2006.01)
G09G 5/00 (2006.01)
G01C 3/00 (2006.01)
G06F 17/30 (2006.01)

(76) Inventors: **Ronald Eugene FISHER**, San Francisco, CA (US); **Bryan Jonathan Davis**, San Francisco, CA (US); **Bradley Brian Bushard**, Chaska, MN (US); **Mark Joseph Meyer**, Commerce Twp., MI (US); **James Fisher**, Walnut Creek, CA (US); **Nitin Patil**, San Ramon, CA (US); **Ben Young**, San Francisco, CA (US); **Daniel Johnson**, Petaluma, CA (US)

(52) **U.S. Cl.** **348/164**; 455/556.1; 348/373; 348/222.1; 348/240.99; 348/240.3; 348/208.99; 348/370; 704/275; 455/41.2; 455/572; 345/8; 356/3; 348/E05.026; 348/E05.09; 348/E05.055; 348/E05.029; 704/E15.001; 707/E17.01; 707/822

(57) **ABSTRACT**

A hands-free wireless wearable GPS enabled video camera and audio-video communications headset, mobile phone and personal media player, capable of real-time two-way and multi-feed wireless voice, data and audio-video streaming, telecommunications, and teleconferencing, coordinated applications, and shared functionality between one or more wirelessly networked headsets or other paired or networked wired or wireless devices and optimized device and data management over multiple wired and wireless network connections. The headset can operate in concert with one or more wired or wireless devices as a paired accessory, as an autonomous hands-free wide area, metro or local area and personal area wireless audio-video communications and multimedia device and/or as a wearable docking station, hot spot and wireless router supporting direct connect multi-device ad-hoc virtual private networking (VPN). The headset has built-in intelligence to choose amongst available network protocols while supporting a variety of onboard, and remote operational controls including a retractable monocular viewfinder display for real time hands-free viewing of captured or received video feed and a duplex data-streaming platform supporting multi-channel communications and optimized data management within the device, within a managed or autonomous federation of devices or other peer-to-peer network configuration.

Correspondence Address:
GLENN PATENT GROUP
3475 EDISON WAY, SUITE L
MENLO PARK, CA 94025 (US)

(21) Appl. No.: **12/714,693**

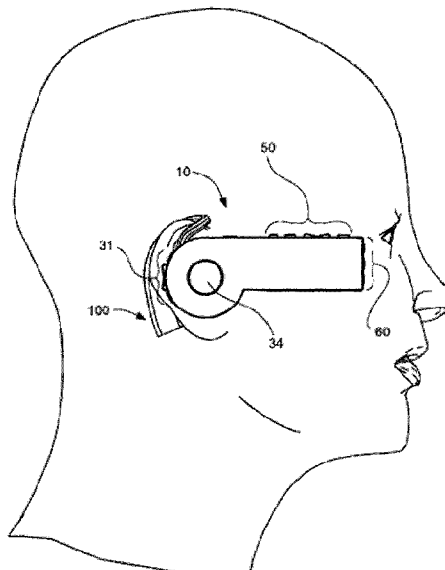
(22) Filed: **Mar. 1, 2010**

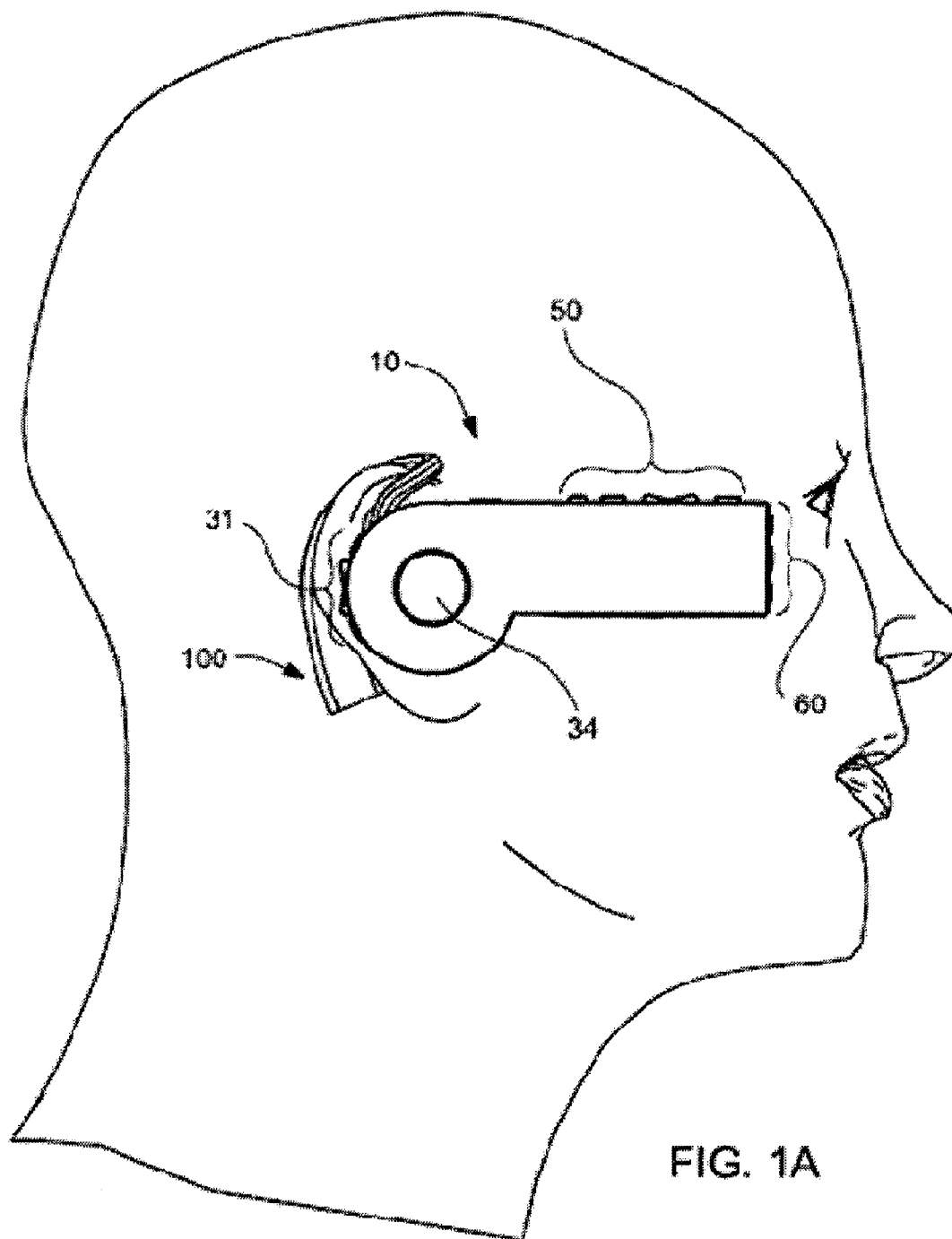
Related U.S. Application Data

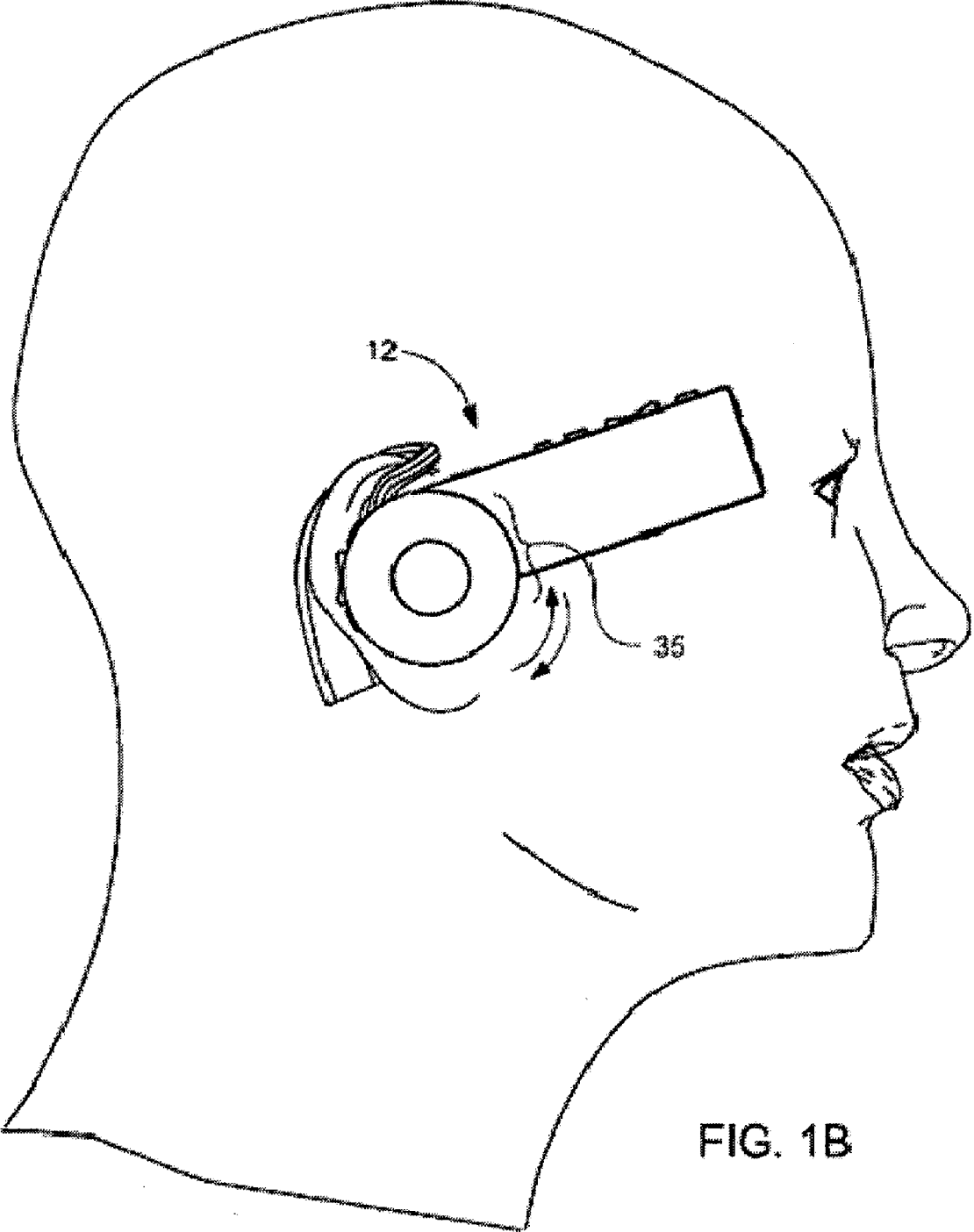
(63) Continuation of application No. PCT/US10/25603, filed on Feb. 26, 2010.
(60) Provisional application No. 61/208,783, filed on Feb. 27, 2009, provisional application No. 61/270,221, filed on Jul. 6, 2009.

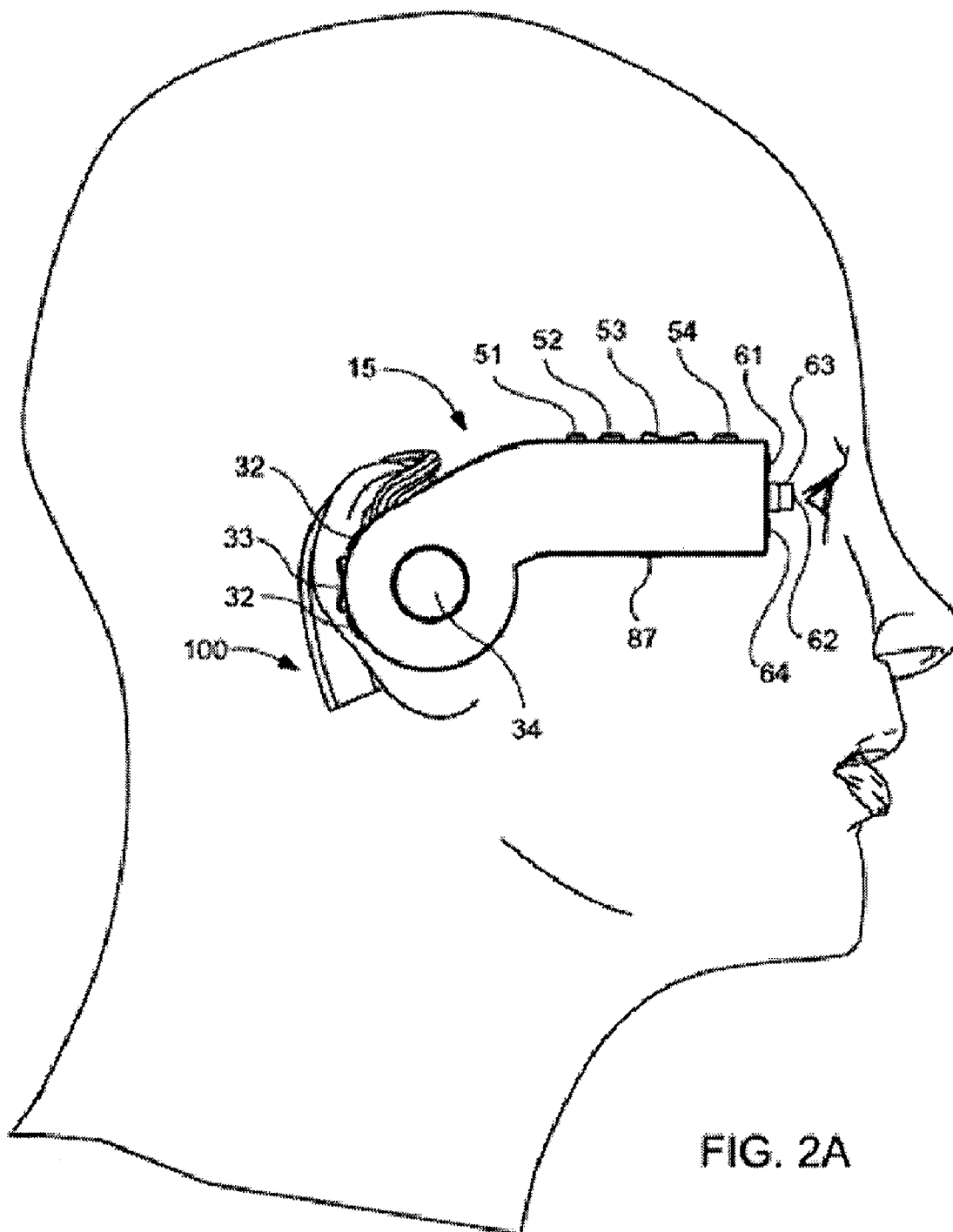
Publication Classification

(51) **Int. Cl.**
H04N 5/225 (2006.01)
H04M 1/00 (2006.01)
H04N 5/228 (2006.01)
H04N 5/33 (2006.01)









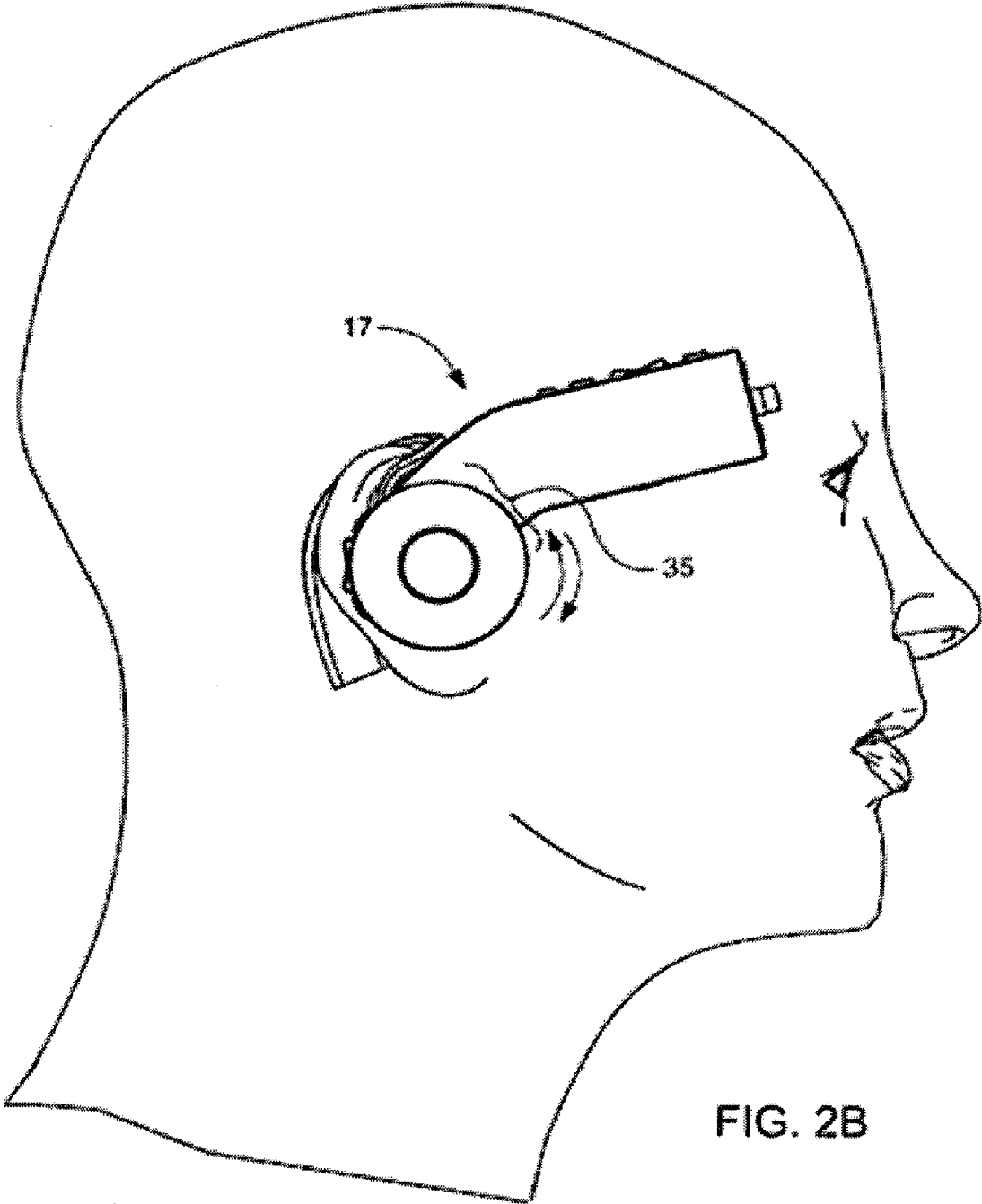


FIG. 2B

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.