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**Bagha**

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(54) **MULTIPLE COMMUNICATION INTERFACE MEDICAL EXAMINATION APPARATUS, SYSTEM, AND/OR METHOD**

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 1468 days.

This patent is subject to a terminal disclaimer.

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**Related U.S. Application Data**

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(60) Provisional application No. 60/919,594, filed on Mar. 24, 2007, provisional application No. 60/728,568, filed on Oct. 20, 2005.

(51) **Int. Cl.**

*A61B 5/02* (2006.01)  
*A61B 7/00* (2006.01)  
*A61B 7/04* (2006.01)  
*A61B 5/00* (2006.01)

(Continued)

(52) **U.S. Cl.**

CPC ..... *A61B 7/04* (2013.01); *A61B 5/0002* (2013.01); *A61B 5/0245* (2013.01); *A61B 5/0472* (2013.01); *A61B 7/003* (2013.01)

(58) **Field of Classification Search**

CPC ..... A61B 7/04; A61B 5/0002; A61B 5/0245; A61B 7/003; A61B 5/0472  
USPC ..... 181/131; 381/67, 509; 600/300, 513, 600/528, 586

See application file for complete search history.

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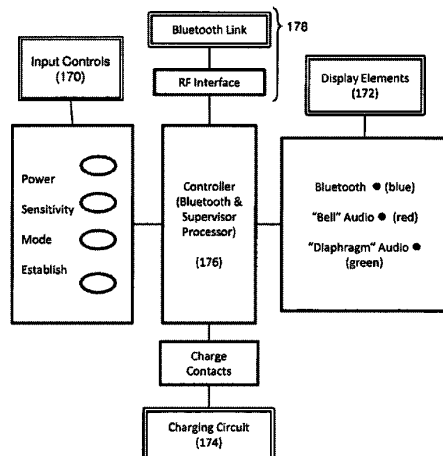
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(57) **ABSTRACT**

An embodiment of an auscultation device can be constructed using, at least in part, electronic components to provide improved acquisition, processing, and communication of sound signals. An input device can be used for detecting sounds, and electrical signals representing the sounds can be processed and transmitted via one or more of a plurality of substantially contemporaneously available wired and/or wireless communications interfaces. Bluetooth and/or another form of wireless communication can be employed. Such embodiments can employ, at least in part, one or more of several commercially available wired and/or wireless receiver devices, such as, without limitation, headsets and headphones, mobile phones, PDAs and/or other handheld devices, desktop, laptop, palmtop, and/or tablet computers, speakers and/or other conventional and/or specifically configured computer devices and/or electronic devices.

**6 Claims, 12 Drawing Sheets**



Petition for Inter Parties Review  
of U.S. Patent No. 9,258,698  
EXHIBIT



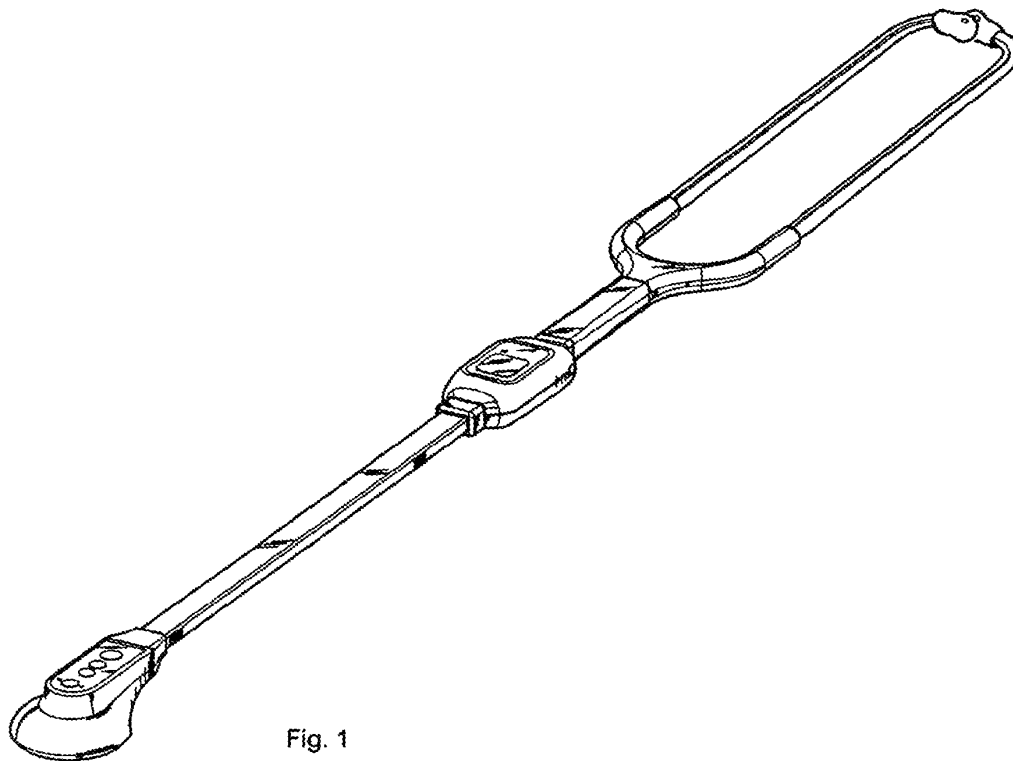
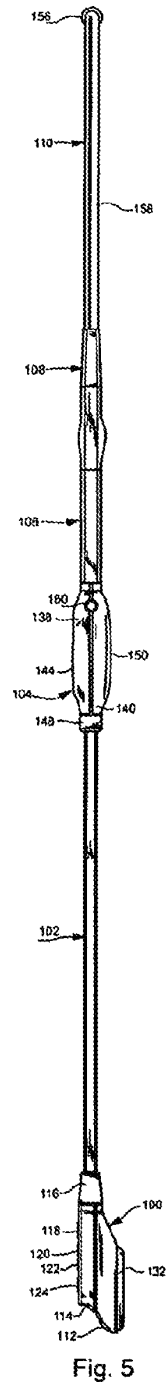
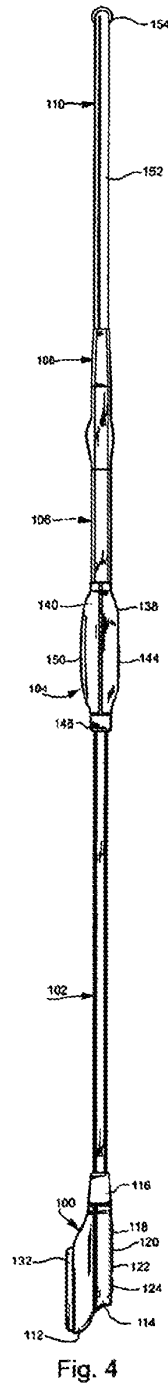
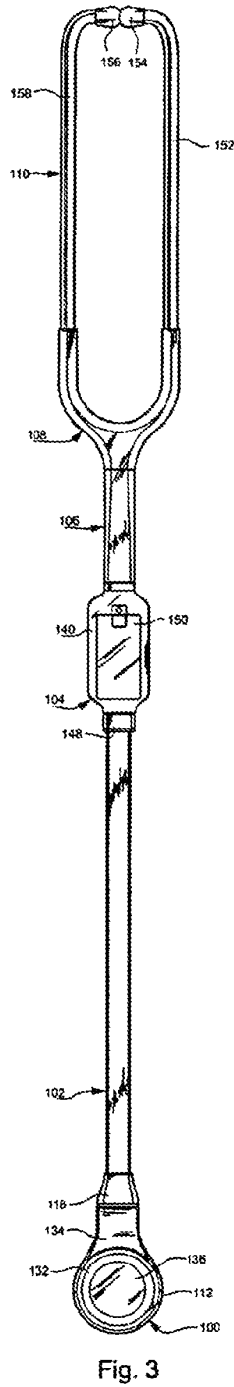
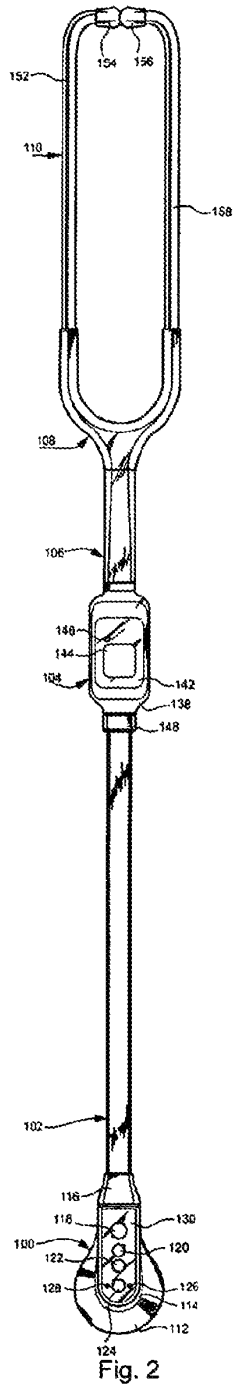


Fig. 1



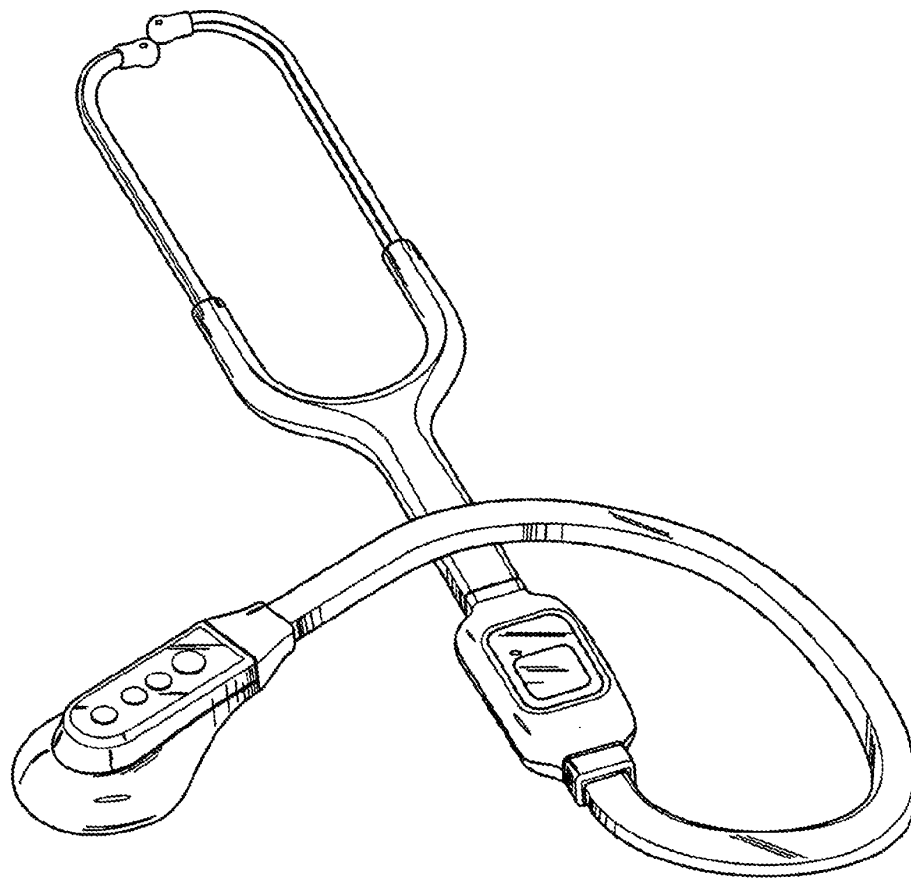


Fig. 8

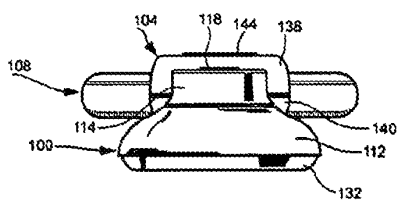


Fig. 6

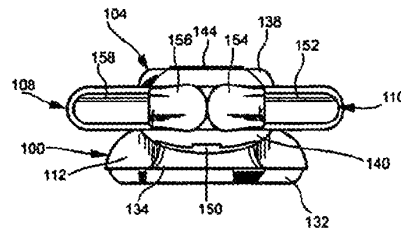


Fig. 7

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