

(12) **United States Patent**  
**McGilvery et al.**

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(54) **METRICS ASSESSMENT SYSTEM FOR HEALTH, FITNESS AND LIFESTYLE BEHAVIORAL MANAGEMENT**

5/4866 (2013.01); A61B 5/4872 (2013.01); G06F 19/345 (2013.01); G06F 19/3418 (2013.01); G06F 19/3475 (2013.01); G06F 19/3487 (2013.01); G06F 19/363 (2013.01); G06Q 50/22 (2013.01); G06Q 50/24 (2013.01); G09B 5/02 (2013.01); G09B 7/06 (2013.01); G09B 19/0038 (2013.01); G09B 19/0092 (2013.01)

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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 0 days.

This patent is subject to a terminal disclaimer.

(58) **Field of Classification Search**  
CPC .... G06Q 50/22; G06Q 50/24; G06F 19/3475; G06F 19/3487; G06F 19/345; G06F 19/363  
USPC ..... 434/127  
See application file for complete search history.

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(63) Continuation of application No. 15/199,513, filed on Jun. 30, 2016, now abandoned, which is a (Continued)

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A61B 5/00 (2006.01)  
G09B 19/00 (2006.01)  
(Continued)

(52) **U.S. Cl.**  
CPC ..... A61B 5/486 (2013.01); A61B 5/0002 (2013.01); A61B 5/024 (2013.01); A61B 5/112 (2013.01); A61B 5/4806 (2013.01); A61B

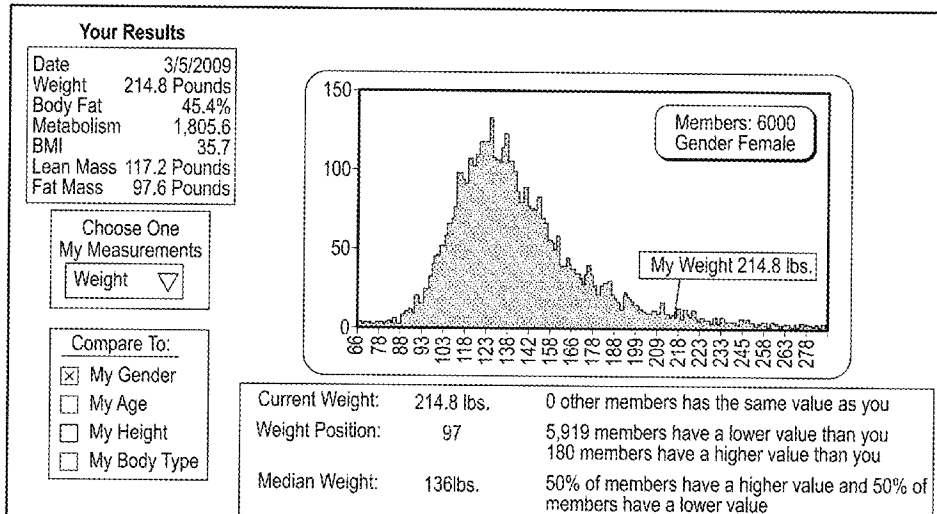
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(57) **ABSTRACT**  
A software and hardware system is described that enables effective lifestyle management by providing a dynamic assessment of a user's physical and behavioral metrics via a high feedback ratio interface.

**17 Claims, 15 Drawing Sheets**



**US 9,757,066 B2**

**Related U.S. Application Data**

continuation of application No. 12/717,811, filed on Mar. 4, 2010, now Pat. No. 9,400,872.

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(51) **Int. Cl.**

- G09B 5/02** (2006.01)
- G09B 7/06** (2006.01)
- A61B 5/024** (2006.01)
- A61B 5/11** (2006.01)
- G06F 19/00** (2011.01)
- G06Q 50/22** (2012.01)
- G06Q 50/24** (2012.01)

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**HARDWARE and SOFTWARE COMPONENTS for BEHAVIOR MANAGEMENT SYSTEM**

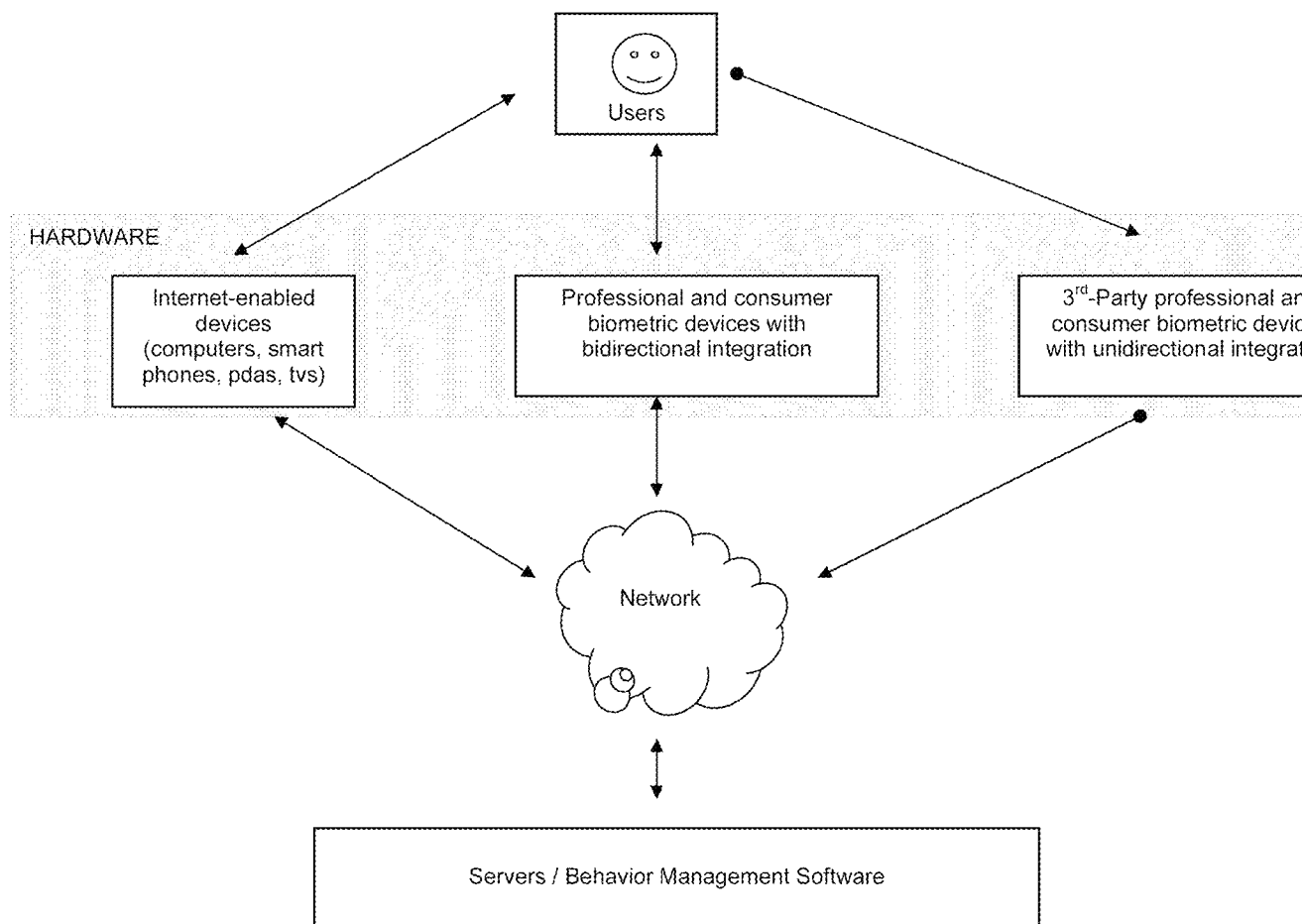
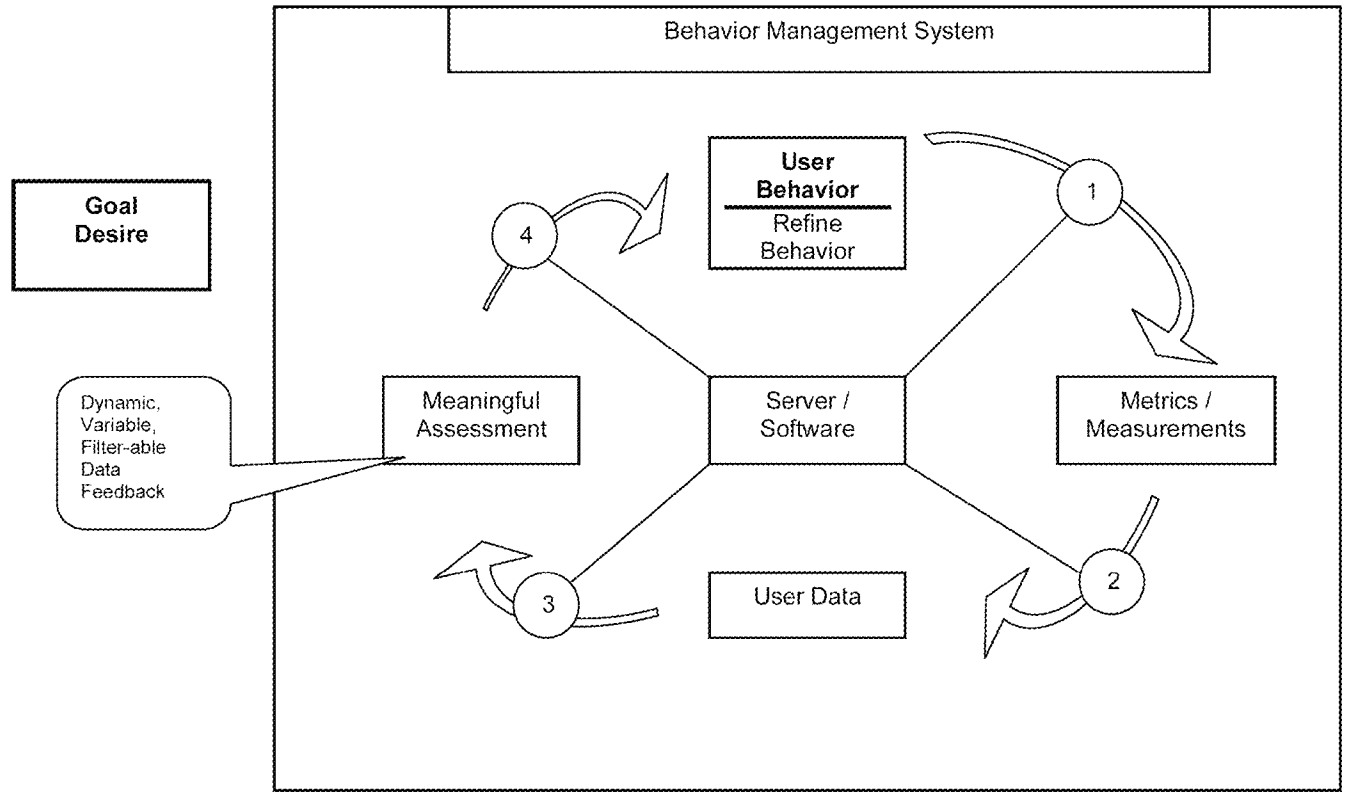


Fig.

**BEHAVIOR MANAGEMENT SYSTEM**



DATA TYPES

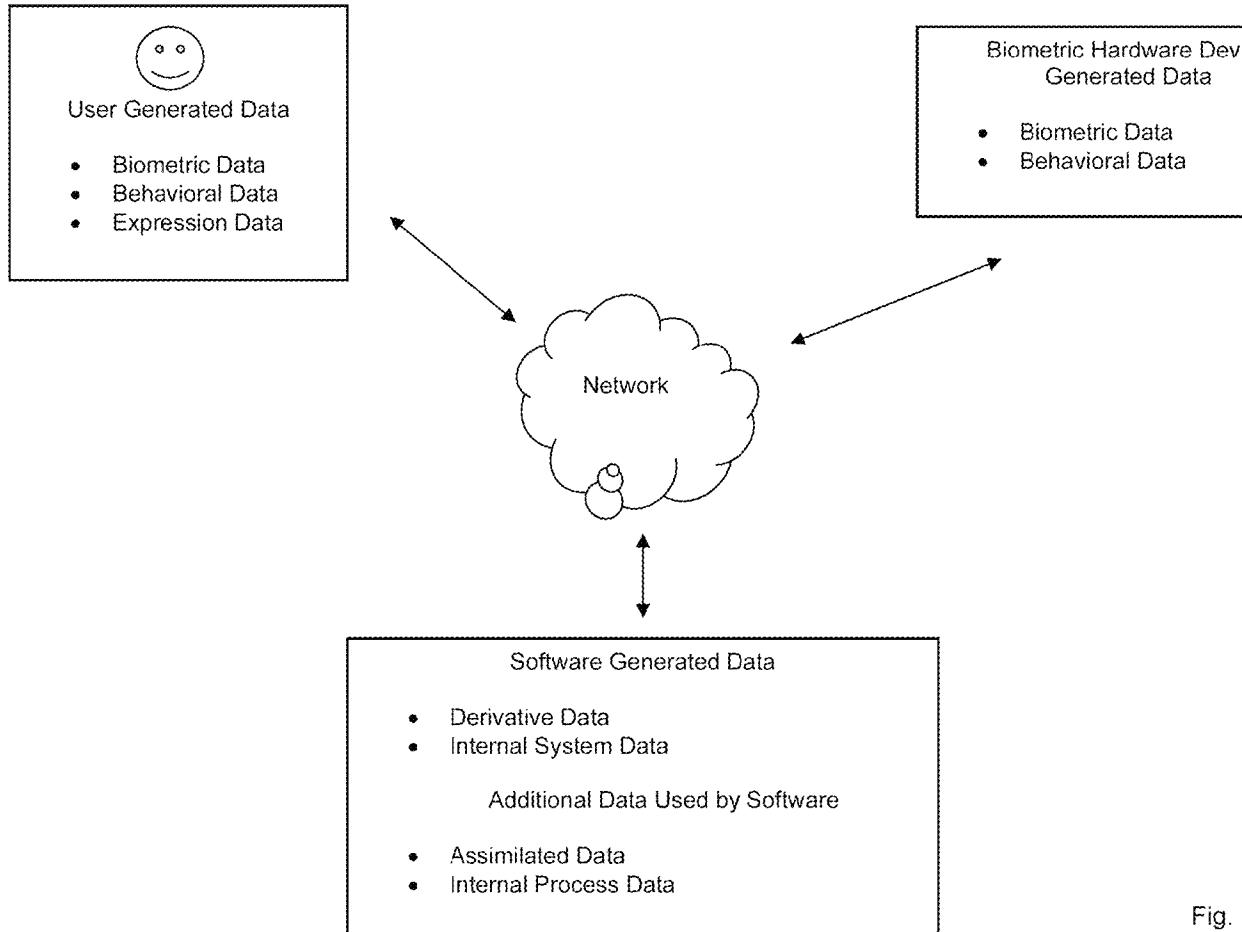


Fig.

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