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## (54) Method and apparatus for patient monitoring with wireless internet connectivity

(57) Embodiments of the invention provide a method and apparatus for a wireless health monitoring system for interactively monitoring a disease or health condition of a patient (38) by connecting an internet-enabled wireless web device ('WWD') (12) to a health monitoring device (11) which may be a medical device or other health related device such as an exercise machine. The WWD (12) may be connected to the health monitoring device directly by a wired connection (42) to a generic input/output device port of the WWD (12) using an optional adaptor if necessary. Alternatively, the WWD (12) may be wirelessly connected (16) to the health-monitoring device, such as via an infrared or radio frequency connection, including using protocols such as Bluetooth or 802.11. The wireless connection (16) may also employ an adaptor if necessary. The user may also input data to the WWD (12) manually, such as by a keypad, keyboard, stylus, or optionally by voice command (36). The health related data is transmitted from the WWD (12) to a server (37) using standard internet protocols. The server (37) calculates a response using a software program which may include an algorithm or artificial intelligence system, and may further provide for review by a physician or health specialist. The user may interact with the server (37). For example, the server (37) transmits a response to the WWD (12), and the user may answer the response or provide other information.

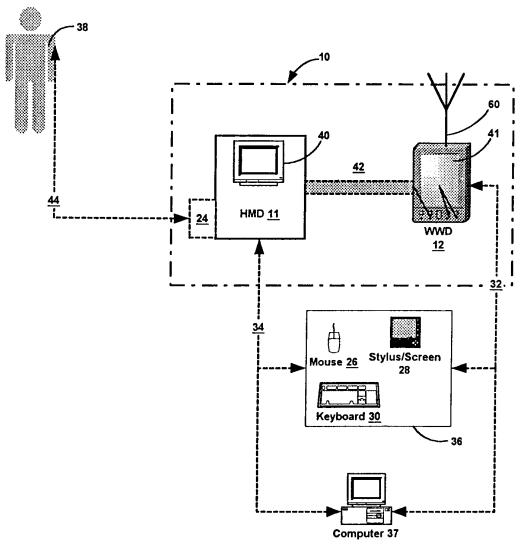


*FIG. 2*

EP 2 224 366 A3

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# EUROPEAN SEARCH REPORT

Application Number
EP 10 16 3354

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The present search report has been drawn up for all claims

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|---|---|---|
| Munich | 4 May 2015 | Sisk, Aisling |

CATEGORY OF CITED DOCUMENTS

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| 专利名称(译) | 用于使用无线互联网连接进行患者监控的方法和设 | | |
| 公开(公告)号 | EP2224366A3 | 公开(公告)日 | 2015-06-10 |
| 申请号 | EP2010163354 | 申请日 | 2000-12-16 |
| [标]申请(专利权)人(译) | 皇家飞利浦电子股份有限公司 | | |
| 申请(专利权)人(译) | 皇家飞利浦电子N.V. | | |
| 当前申请(专利权)人(译) | 皇家飞利浦N.V. | | |
| [标]发明人 | QUY ROGER J | | |
| 发明人 | QUY, ROGER, J. | | |
| IPC分类号 | G06F19/00 A61B5/00 A61B5/021 A61B5/024 A61B5/0432 A61B5/08 A61B10/00 G06K9/62 G06Q50/24 G16H10/60 H04L12/28 H04L12/56 | | |
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| 代理机构(译) | DAMEN，DANIEL马亭 | | |
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摘要(译)

本发明的实施例提供了一种用于无线健康监测系统的方法和装置，用于通过将启用因特网的无线网络设备（'WWD'）（12）连接到健康监测来交互地监测患者的疾病或健康状况（38）。装置（11）可以是医疗装置或其他健康相关装置，例如运动器械。如果需要，WWD（12）可以使用可选的适配器通过有线连接（42）直接连接到健康监测设备到WWD（12）的通用输入/输出设备端口。或者，WWD（12）可以无线连接（16）到健康监测设备，例如通过红外或射频连接，包括使用蓝牙或802.11等协议。如果需要，无线连接（16）还可以使用适配器。用户还可以手动地将数据输入到WWD（12），例如通过键盘，键盘，触控笔，或者可选地通过语音命令（36）。使用标准互联网协议将健康相关数据从WWD（12）发送到服务器（37）。服务器（37）使用软件程序计算响应，该软件程序可以包括算法或人工智能系统，并且还可以由医生或健康专家提供检查。用户可以与服务器（37）交互。例如，服务器（37）向WWD（12）发送响应，并且用户可以应答响应或提供其他响应信息。


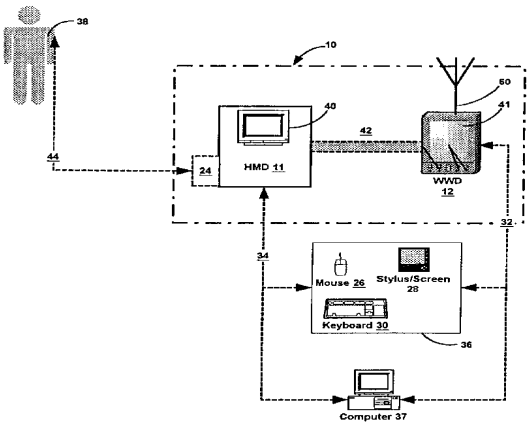


FIG. 2