

[0028] FIG. 1 is a perspective view of a system using a handheld data assistant (PDA) and computer in accordance with an embodiment of the present invention.

[0029] FIG. 2 is a perspective view of a PDA with a medical device module in accordance with an embodiment of the present invention.

[0030] FIG. 3 is a bottom plan view of the PDA and medical device shown in FIG. 2.

[0031] FIG. 4 is a perspective view of the PDA including a medical device module that includes a characteristic monitor and characteristic meter and that interfaces with a telemetered characteristic monitor transmitter in accordance with a first embodiment of the present invention.

[0032] FIG. 5 is a block diagram of the medical device module that includes the characteristic monitor and the characteristic meter shown in FIG. 4.

[0033] FIG. 6 is a perspective view of the medical device module that includes the characteristic meter and characteristic monitor that interfaces with a telemetered characteristic monitor transmitter in accordance with the embodiment of FIGS. 4 and 5.

[0034] FIG. 7 is a perspective view of a PDA including a medical device module that includes a characteristic meter, characteristic monitor that interfaces with a telemetered characteristic monitor transmitter, and an infusion device in accordance with a second embodiment of the present invention.

[0035] FIG. 8 is a perspective view of the medical device module that includes the characteristic meter and characteristic monitor that interfaces with a telemetered characteristic monitor transmitter and interfaces with the infusion device in accordance with the embodiment of FIG. 7.

[0036] FIG. 9 is a simplified block diagram of a telemetered characteristic monitor transmitter and medical device module in accordance with a third embodiment of the present invention.

[0037] FIG. 10 is a simplified block diagram of a telemetered characteristic monitor transmitter and medical device module system in accordance with a fourth embodiment of the present invention.

[0038] FIG. 11 is a perspective view of a medical device module that interfaces with a telemetered characteristic monitor transmitter in accordance with a fifth embodiment of the present invention.

[0039] FIG. 12 is a perspective view of a medical device module that interfaces with a characteristic meter in accordance with a sixth embodiment of the present invention.

[0040] FIG. 13 is a perspective view of a medical device module that interfaces with an infusion device, telemetered characteristic monitor transmitter and a characteristic meter in accordance with a seventh embodiment of the present invention.

[0041] FIG. 14 is a perspective view of a medical device module that includes a characteristic meter and interfaces with an infusion device in accordance with an eighth embodiment of the present invention.

[0042] FIG. 15 is a perspective view of a medical device module that includes a characteristic meter in accordance with a ninth embodiment of the present invention.

[0043] FIG. 16 is a perspective view of a medical device module that interfaces with an infusion device in accordance with a tenth embodiment of the present invention.

[0044] FIG. 17 is a perspective view of a medical device module that interfaces with an implantable medical device in accordance with a tenth embodiment of the present invention.

[0045] FIG. 18 is a perspective view of a medical device module that includes a input jack for a wired connection with a medical device in accordance with an eleventh embodiment of the present invention.

[0046] FIG. 19 is a perspective view of a medical device module that interfaces with an implantable analyte sensing patch in accordance with a twelfth embodiment of the present invention.

[0047] FIG. 20 is a perspective view of a medical device module that includes contacts for interfacing with a medical device in accordance with a thirteenth embodiment of the present invention.

[0048] FIG. 21 is a simplified block diagram of an external infusion device and system in accordance with an embodiment of the present invention.

[0049] FIG. 22 is a perspective view of an external infusion device and system in accordance with an embodiment of the present invention.

[0050] FIG. 23 is a top perspective view of an RF programmer in accordance with an embodiment of the present invention.

[0051] FIG. 24 is a top perspective view of a remote commander in accordance with another embodiment of the present invention.

[0052] FIG. 25 is a simplified diagram of an external infusion device and system in accordance with another embodiment of the present invention.

[0053] FIG. 26 is a simplified block diagram of an external infusion device and system in accordance with still another embodiment of the present invention.

[0054] FIG. 27 is a simplified block diagram of an external infusion device and system in accordance with yet another embodiment of the present invention.

[0055] FIG. 28 is a simplified block diagram of a telemetered characteristic monitor transmitter and characteristic monitor in accordance with another embodiment of the present invention.

[0056] FIG. 29 is a simplified block diagram of a telemetered characteristic monitor transmitter and characteristic monitor system in accordance with still another embodiment of the present invention.

[0057] FIG. 30 is a simplified block diagram of a characteristic monitor with a characteristic meter in accordance with a first embodiment of the present invention.

[0058] FIG. 31 is a perspective view of a characteristic monitor with a characteristic meter in accordance with a first embodiment of the present invention.