

least one,” or “at least one portion” are used there is no intention to limit the claim to only one item unless specifically stated to the contrary in the claim. When the language “at least a portion” and/or “a portion” is used the item can include a portion and/or the entire item unless specifically stated to the contrary.

1. A system, comprising:

- a portable, stand-alone blood glucose meter including a display and a first connection element;
- a portable, handheld docking device including a display operable to provide information related to functions performed by said blood glucose meter and a housing defining an external profile of said docking device and an internal receptacle, said internal receptacle including a second connection element engageable with said first connection element; and

wherein said blood glucose meter is positionable in said internal receptacle and a communication interface is defined between said blood glucose meter and said docking device when said blood glucose meter is positioned in said internal receptacle and said first connection element is engaged with said second connection element.

2. The system of claim 1, wherein said blood glucose meter includes a meter housing which substantially corresponds in size and shape to said internal receptacle, said meter housing being substantially surrounded by said internal receptacle and positioned within said external profile of said docking device when said blood glucose meter is positioned in said internal receptacle.

3. The system of claim 1, wherein said housing of said docking device includes a sidewall extending around said housing and between a first surface and a second surface positioned opposite of said first surface, and wherein said internal receptacle is positioned between said first and second surfaces.

4. The system of claim 3, wherein said internal receptacle includes a receiving portion extending through said sidewall of said housing.

5. The system of claim 4, wherein said second surface includes an opening in communication with a portion of said internal receptacle adjacent to said receiving portion.

6. The system of claim 4, wherein said second connection element is positioned in said internal receptacle opposite of said receiving portion.

7. The system of claim 1, wherein one of said first connection element and said second connection element defines a plug and the other of said first connection element and said second connection element defines a port structured to receive said plug.

8. The system of claim 1, wherein said blood glucose meter includes a meter housing defining a test element port for receiving a test element.

9. The system of claim 8, wherein said test element comprises a test strip.

10. The system of claim 8, wherein said first connection element is positioned on said meter housing opposite of said test element port.

11. The system of claim 8, wherein said blood glucose meter includes a memory configured to store blood glucose measurement data.

12. The system of claim 11, wherein said blood glucose measurement data is transferred from said blood glucose meter to said docking device when said blood glucose meter

is positioned in said internal receptacle and said first connection element is engaged with said second connection element.

13. The system of claim 12, wherein said blood glucose measurement data is seamlessly transferred from said blood glucose meter to said docking device in response to said blood glucose meter being positioned in said internal receptacle and said first connection element being engaged with said second connection element.

14. The system of claim 12, wherein said docking device is configured to process said blood glucose measurement data and provide an output on said display of said docking device to a user of said docking device after said blood glucose measurement data is processed.

15. The system of claim 14, wherein said output is a graphical representation of said blood glucose measurement data.

16. The system of claim 1, wherein a blood glucose measurement is provided on said display of said blood glucose meter in response to measuring a glucose level with said blood glucose meter when said glucose meter is not positioned in said internal receptacle of said docking device.

17. The system of claim 1, wherein a blood glucose measurement is provided on said display of said docking device in response to measuring a glucose level with said blood glucose meter when said blood glucose meter is positioned in said internal receptacle of said docking device.

18. A system, comprising:

- a portable, stand alone blood glucose meter;
 - a plurality of portable, handheld docking devices each including a housing defining an internal receptacle sized and structured to receive said blood glucose meter and including an interface for communicating with said blood glucose meter when said blood glucose meter is positioned in said internal receptacle; and
- wherein each one of said plurality of docking devices is operable to communicate with said blood glucose meter to perform a unique set of diabetes management functions relative to the other of said plurality of docking devices.

19. The system of claim 18, wherein said blood glucose meter and each one of said plurality of docking devices further includes:

- a display;
- a user entry means for receiving user input;
- a memory; and
- a programmable processor operatively connected to said display, said user entry means and said memory.

20. The system of claim 19, wherein said memory of said blood glucose meter stores a program for operating said processor of said blood glucose meter, said processor of said blood glucose meter being operable with said program to produce at least one blood glucose measurement, provide said at least one blood glucose measurement on said display of said blood glucose meter and store said at least one blood glucose measurement in said memory of said blood glucose meter.

21. The system of claim 20, wherein said memory of said blood glucose meter stores a schedule of events and said processor of said blood glucose meter is operable with said program to activate a reminder of each of said events to a user.

22. The system of claim 21, wherein at least one of said plurality of docking devices is operable to organize said schedule of events when said blood glucose meter is positioned in said internal receptacle of said at least one docking device.