effect sensors **15212** and **15213** for the plunger-position, a hall-effect sensor **15214** for an inlet valve, and a hall-effect rotary position sensor **15208**.

[0714] Various alternatives and modifications can be devised by those skilled in the art without departing from the disclosure. Accordingly, the present disclosure is intended to embrace all such alternatives, modifications and variances. Additionally, while several embodiments of the present disclosure have been shown in the drawings and/or discussed herein, it is not intended that the disclosure be limited thereto, as it is intended that the disclosure be as broad in scope as the art will allow and that the specification be read likewise. Therefore, the above description should not be construed as limiting, but merely as exemplifications of particular embodiments. And, those skilled in the art will envision other modifications within the scope and spirit of the claims appended hereto. Other elements, steps, methods and techniques that are insubstantially different from those described above and/or in the appended claims are also intended to be within the scope of the disclosure.

[0715] The embodiments shown in drawings are presented only to demonstrate certain examples of the disclosure. And, the drawings described are only illustrative and are non-limiting. In the drawings, for illustrative purposes, the size of some of the elements may be exaggerated and not drawn to a particular scale. Additionally, elements shown within the drawings that have the same numbers may be identical elements or may be similar elements, depending on the context.

[0716] Where the term "comprising" is used in the present description and claims, it does not exclude other elements or steps. Where an indefinite or definite article is used when referring to a singular noun, e.g. "a" "an" or "the", this includes a plural of that noun unless something otherwise is specifically stated. Hence, the term "comprising" should not be interpreted as being restricted to the items listed thereafter; it does not exclude other elements or steps, and so the scope of the expression "a device comprising items A and B" should not be limited to devices consisting only of components A and B. This expression signifies that, with respect to the present invention, the only relevant components of the device are A and B.

[0717] Furthermore, the terms "first", "second", "third" and the like, whether used in the description or in the claims, are provided for distinguishing between similar elements and not necessarily for describing a sequential or chronological order. It is to be understood that the terms so used are interchangeable under appropriate circumstances (unless clearly disclosed otherwise) and that the embodiments of the invention described herein are capable of operation in other sequences and/or arrangements than are described or illustrated herein.

What is claimed is:

1. A system comprising:

a wearable system monitor; and

a wearable dock configured to be worn by a patient and releasably couple to the wearable system monitor, wherein the wearable dock is configured to identify a caregiver, wherein the wearable system monitor is configured to:

start a timer when the wearable system monitor is uncoupled from the wearable dock,

stop treatment by a first patient-care device separate from the wearable system monitor and wearable dock after a predetermined amount of time has elapsed after the timer is started,

pair, upon a determination that the identified caregiver is an authorized caregiver, the wearable system monitor with a second patient-care device while uncoupled from the wearable dock,

recouple with the wearable dock,

identify and authenticate the wearable dock, and

resume treatment of the first patient-care device after the wearable system monitor is recoupled to the wearable dock, the wearable dock is identified by the wearable system monitor, and the wearable dock is authenticated by the wearable system monitor.

2. The system according to claim **1**, wherein the wearable dock is configured to identify the caregiver using voice recognition.

3. The system according to claim **1**, wherein the wearable dock is configured to identify the caregiver using facial recognition.

4. The system according to claim **1**, wherein the wearable dock is configured to identify the caregiver using at least one of a barcode, an RFID tag, a near field communication, and a secure signature.

5. A system comprising:

a wearable system monitor; and

a wearable dock configured to be worn by a patient and releasably couple to the wearable system monitor, wherein the wearable dock is configured to identify a caregiver, wherein the wearable system monitor is configured to:

start a timer when the wearable system monitor is uncoupled from the wearable dock,

stop treatment by a first patient-care device separate from the wearable dock and wearable system monitor after a predetermined amount of time has elapsed after the timer is started,

pair the wearable system monitor with a second patient-care device while uncoupled from the wearable dock,

recouple with the wearable dock,

identify and authenticate the wearable dock

resume treatment of the first patient-care device after the wearable system monitor is recoupled to the wearable dock, the wearable dock is identified by the wearable system monitor, and the wearable dock is authenticated by the wearable system monitor, and

log the pairing of the wearable system monitor with the second patient-care device and include the caregiver identity in the log.

6. The system according to claim **5**, wherein the wearable dock is configured to identify the caregiver using voice recognition.

7. The system according to claim **5**, wherein the wearable dock is configured to identify the caregiver using facial recognition.

8. The system according to claim **5**, wherein the wearable dock is configured to identify the caregiver using at least one of a barcode, an RFID tag, a near field communication, and a secure signature.

9. A system for electronic patient care, the system comprising:

a hub configured to identify and monitor a plurality of patient-care devices, the hub further configured to execute at least one application of a plurality of appli-