SYSTEM, METHOD, AND APPARATUS FOR MONITORING, REGULATING, OR CONTROLLING FLUID FLOW

CROSS REFERENCE TO RELATED APPLICATIONS

[0001] The present application is a continuation application of U.S. patent application Ser. No. 15/055,941, entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow, (Attorney Docket No. R45) filed on Feb. 29, 2016, now U.S. Publication No. US 2016-0179086 A1, published Jun. 23, 2016, which is a continuation application of U.S. patent application Ser. No. 13/834,030, entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow, (Attorney Docket No. K28) filed on Mar. 15, 2013, now U.S. Pat. No. 9,372,486, issued on Jun. 21, 2016, which claims priority to and the benefit of the following:

[0002] U.S. Provisional Patent Application Ser. No. 61/679,117, filed Aug. 3, 2012 and entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow (Attorney Docket No. J30); and

[0003] U.S. Provisional Patent Application Ser. No. 61/651,322, filed May 24, 2012 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. J46), both of which are hereby incorporated herein by reference in their entireties.

[0004] U.S. patent application Ser. No. 13/834,030, entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow, (Attorney Docket No. K28) filed on Mar. 15, 2013, now U.S. Pat. No. 9,372,486, issued on Jun. 21, 2016, which claims priority to and is also a Continuation-In-Part application of the following:

[0005] U.S. patent application Ser. No. 13/333,574, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care, now U.S. Publication No. US 2012-0185267-A1, published Jul. 19, 2012 (Attorney Docket No. I97), and

[0006] PCT Application Serial No. PCT/US11/66588, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. I97WO), both of which are hereby incorporated herein by reference in their entireties.

[0007] U.S. patent application Ser. No. 13/834,030, entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow, (Attorney Docket No. K28) filed on Mar. 15, 2013, now U.S. Pat. No. 9,372,486, issued on Jun. 21, 2016, which claims priority to and is also a Continuation-in-Part application of U.S. patent application Ser. No. 13/723,238, filed Dec. 21, 2012 and entitled System, Method, and Apparatus for Clamping (Attorney Docket No. J47), now U.S. Pat. No. 9,759,369, issued Sep. 12, 2017, which claims priority to and the benefit of the following:

[0008] U.S. Provisional Patent Application Ser. No. 61/578,649, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Infusing Fluid (Attorney Docket No. J02);

[0009] U.S. Provisional Patent Application Ser. No. 61/578,658, filed Dec. 21, 2011 and entitled System, Method and Apparatus for Estimating Liquid Delivery (Attorney Docket No. J04);

[0010] U.S. Provisional Patent Application Ser. No. 61/578,674, filed Dec. 21, 2011 and entitled System, Method and Apparatus for Dispensing Oral Medications (Attorney Docket No. J05);

[0011] U.S. Provisional Patent Application Ser. No. 61/679,117, filed Aug. 3, 2012 and entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow (Attorney Docket No. J30); and

[0012] U.S. Provisional Patent Application Ser. No. 61/651,322, filed May 24, 2012 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. J46), each of which is hereby incorporated herein by reference in its entirety.

[0013] U.S. patent application Ser. No. 13/723,238 (Attorney Docket J47), now U.S. Pat. No. 9,759,369, issued Sep. 12, 2017, claims priority to and is a Continuation-In-Part application of the following:

[0014] U.S. patent application Ser. No. 13/333,574, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care, now U.S. Publication No. US 2012-0185267-A1, published Jul. 19, 2012 (Attorney Docket No. I97), and

[0015] PCT Application Serial No. PCT/US11/66588, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. I97WO), both of which are hereby incorporated herein by reference in their entireties.

[0016] U.S. patent application Ser. No. 13/834,030, entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow, (Attorney Docket No. K28) filed on Mar. 15, 2013, now U.S. Pat. No. 9,372,486, issued on Jun. 21, 2016, which claims priority to and is also a Continuation-in-Part application of U.S. patent application Ser. No. 13/723,235, filed Dec. 21, 2012 and entitled System, Method, and Apparatus for Dispensing Oral Medications (Attorney Docket No. J74), now U.S. Pat. No. 9,400,873, issued on Jul. 26, 2016, which claims priority to and benefit of the following:

[0017] U.S. Provisional Patent Application Ser. No. 61/578,649, filed Dec. 21, 2011 and entitled System, Method, and Apparatus for Infusing Fluid (Attorney Docket No. J02);

[0018] U.S. Provisional Patent Application Ser. No. 61/578,658, filed Dec. 21, 2011 and entitled System, Method and Apparatus for Estimating Liquid Delivery (Attorney Docket No. J04);

[0019] U.S. Provisional Patent Application Ser. No. 61/578,674, filed Dec. 21, 2011 and entitled System, Method and Apparatus for Dispensing Oral Medications (Attorney Docket No. J05);

[0020] U.S. Provisional Patent Application Ser. No. 61/679,117, filed Aug. 3, 2012 and entitled System, Method, and Apparatus for Monitoring, Regulating, or Controlling Fluid Flow (Attorney Docket No. J30); and

[0021] U.S. Provisional Patent Application Ser. No. 61/651,322, filed May 24, 2012 and entitled System, Method, and Apparatus for Electronic Patient Care (Attorney Docket No. J46), each of which is hereby incorporated herein by reference in its entirety.

[0022] U.S. patent application Ser. No. 13/723,235, filed Dec. 21, 2012 and entitled System, Method, and Apparatus for Dispensing Oral Medications (Attorney Docket No. J74),