**[0055]** FIG. 16A shows a transfer device according to an embodiment of the present invention in exploded view;

**[0056]** FIGS. 16B-16H are respective top perspective, bottom perspective, left side, right side, front, top, and bottom views of the embodiment of FIG. 16A;

**[0057]** FIGS. 17A-G are top views of a system including the interface device of FIG. 15A and the transfer device of FIG. 16A illustrating the process of operating the system;

**[0058]** FIGS. 18A-G are sectional views of the devices of FIG. 15A and FIG. 16A corresponding to the top views of FIGS. 17A-17G;

**[0059]** FIG. 18H is a sectional view of the transfer device of the system of FIG. 17A;

**[0060]** FIG. 18J is a sectional view of the transfer device of the system of FIG. 17C;

**[0061]** FIG. 18K is an expanded view of the reservoir port and front plunger port of the system of FIG. 18F;

**[0062]** FIG. 18L is an expanded view of the reservoir port and front plunger port of the system of FIG. 18G;

**[0063]** FIG. 18M is a sectional view of the system of FIG. 17D;

**[0064]** FIG. 18N an expanded view of the front plunger port of the system of FIG. 18M;

**[0065]** FIG. 18P is a sectional view of the system of FIG. 17E;

**[0066]** FIG. 18R is an expanded view of the front plunger port of the system of FIG. 18P;

**[0067]** FIG. 19A shows an interface device according to another embodiment of the present invention in exploded view;

**[0068]** FIGS. 19B-19H are respective top perspective, bottom perspective, left side, right side, front, top, and bottom views of the embodiment of FIG. 20~~A~~19A;

**[0069]** FIG. 20A shows a transfer device according to an embodiment of the present invention in exploded view;

**[0070]** FIGS. 20B-20H~~G~~ are respective top perspective, bottom perspective, left side, right side, front, top, and bottom views of the embodiment of FIG. ~~21~~20A;

**[0071]** FIGS. 21A-21FG are top views of a system including the interface device of FIG. 19A and the transfer device of FIG. 20A illustrating the process of operating the system;

**[0072]** FIG. 22A is sectional view of the system of FIG. 21A;

**[0073]** FIG. 22B is a sectional view of the transfer device of the system of FIG. 21A;

**[0074]** FIG. 22C is sectional view of the system of FIG. 21B;

**[0075]** FIG. 22D is a sectional view of the transfer device of the system of FIG. 21B;

**[0076]** FIG. 22E is sectional view of the system of FIG. 21C;

**[0077]** FIG. 22F is a sectional view of the transfer device of the system of FIG. 21C;

**[0078]** FIGS. 22G and 22S are sectional views of the system of FIG. 21D;

**[0079]** FIG. 22H is a sectional view of the transfer device of the system of FIG. 21D;

**[0080]** FIG. 22T is an expanded view of the of the system of FIG. 22S;

**[0081]** FIG. 22U is an expanded view of the reservoir port and front plunger port of the system of FIG. 22G;

**[0082]** FIGS. 22I, 22J and 22K are sectional views of the system of FIG. 21E;

**[0083]** FIG. 22L is an expanded view of the of the system of FIG. 22K;

**[0084]** FIG. 22Q is an expanded view of the reservoir port and front plunger port of the system of FIG. 22I;

**[0085]** FIGS. 22M, 22N and 22O are sectional views of the system of FIG. 21F;

**[0086]** FIG. 22P is an expanded view of the of the system of FIG. 22O;

**[0087]** FIG. 22R is an expanded view of the reservoir port and front plunger port of the system of FIG. 22M.

## DETAILED DESCRIPTION OF THE INVENTION

**[0088]** A description of example embodiments of the invention follows.

**[0089]** FIG. 1A is a schematic illustration of an example fluid transfer system 100 according to an embodiment of the present invention. The fluid transfer system 100 includes an interface device 102 to be mounted to a reservoir 101 and a transfer