



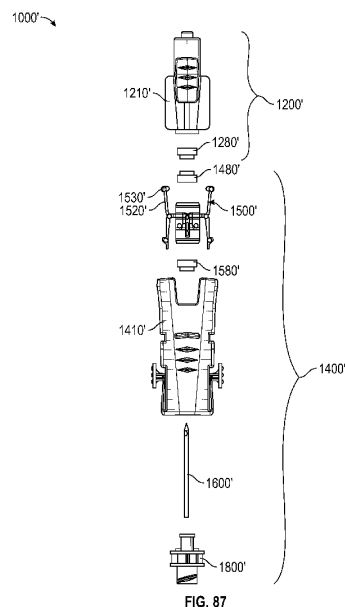
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- (71) **Applicants:** **B. BRAUN MEDICAL INC.** [US/US]: 824 12th Avenue, Bethlehem, Pennsylvania 18018-3524 (US). **B. BRAUN MELSUNGEN AG** [DE/DE]: Carl-Braun-Strasse 1, 34212 Melsungen (DE).
- (72) **Inventors:** **BERG, Karl-Martin**; Am Hopfenort 7, 34212 Melsungen (DE). **KOPP, Florin**; Omhamm 18, 26419 Schortens (DE). **SCHNEIDER, Uwe Erik**; Hauptstr. 44,

34286 Spangenberg (DE). **SIKHILE, Varaprasad**; Peter-skampweg 15, 22089 Hamburg (DE). **WALTER, Christian**; Frankfurter Str. 141, 34121 Kassel (DE). **BRUNETTI, Bruce W.**; 943 Hill Street, Phillipsburg, New Jersey 08865 (US). **MOYER, Scott Alan**; 2571 Hill Road, Green Lane, Pennsylvania 18054 (US). **HIGGINS, Gary**; 521 Herring Ave., Waco, Texas 76708 (US). **NIXON, James Albert**; 1489 Caspian Street, Allentown, Pennsylvania 18104 (US). **PANICK, Nicholas**; 37 Mount Vernon, Irvine, California 92620 (US).

(74) **Agent:** **ROTHER, Christopher A.**; 1665 ROYAL BERKSHIRE CIRCLE, WEST CHESTER, Pennsylvania 19380 (US).

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(54) **Title:** CLOSED SYSTEM TRANSFER DEVICE



(57) **Abstract:** A closed system transfer device includes a first adaptor and a second adaptor that attach with one another in a coupled state to form a sealed fluid passage between two reservoirs. The first adaptor can be attached to a first reservoir, and the second adaptor can be attached to a second reservoir. One or both adaptors can include a septum that engages another septum during coupling and decoupling to prevent liquid or vapor from being released to the environment. The device can also include a vent line that equalizes pressure between the two reservoirs. The vent line can include at least one filter to filter gas in device. In addition, or in the alternative, the vent line can be connected in fluid communication with an inflatable membrane that stores gas inside the device and assists in equalizing pressure.

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