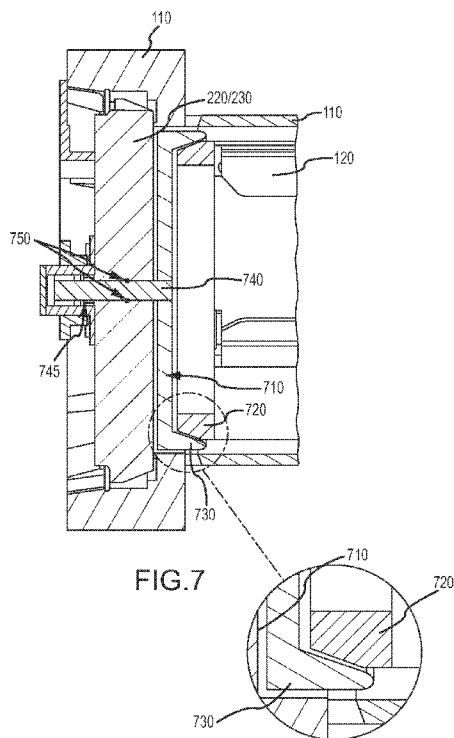




- |                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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| <p>(21) <b>International Application Number:</b><br/> PCT/US2013/021719</p>                                                                                                           | <p>(74) <b>Agent:</b> <b>MARTENSEN, Michael C.</b>; Martensen IP, 30 East Kiowa, Suite 101, Colorado Springs, CO 80903 (US).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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*[Continued on next page]*

- (54) Title:** BARRIER DENSIFIED FLUID CLEANING SYSTEM



- (57) Abstract:** A densified fluid barrier cleaning system (100) is disclosed in which a pressure vessel (110) encases a movable basket (120) positioned so as to cross a barrier (210) such that one opening (220) of the pressure vessel resides in a first environment (225) and a second opening (230) of the pressure vessel resides in a second environment (235). A tubular basket (120) within the pressure vessel is positioned such that its central longitudinal axis is aligned with both the first (220) and second (230) opening of the pressure vessel (110). Responsive to the successful completion of a cleaning cycle, soiled articles that are introduced to the basket (120) via the first opening from the first environment can be removed through the second opening and into the second environment thus bridging the barrier without fear of introducing contaminants from the first environment to second environment.



**(84) Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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- *of inventorship (Rule 4.17(iv))*