



- (51) **International Patent Classification:**  
*F15D 1/04* (2006.01) *F15D 1/14* (2006.01)
- (21) **International Application Number:**  
PCT/US2011/061811
- (22) **International Filing Date:**  
22 November 2011 (22.11.2011)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
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- (81) **Designated States (unless otherwise indicated, for every kind of national protection available):** AE, AG, AL, AM,

AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (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, MD, 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).

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

[Continued on next page]

- (54) **Title:** AN EXIT ASSEMBLY HAVING A FLUID DIVERTER THAT DISPLACES THE PATHWAY OF A FLUID INTO TWO OR MORE PATHWAYS

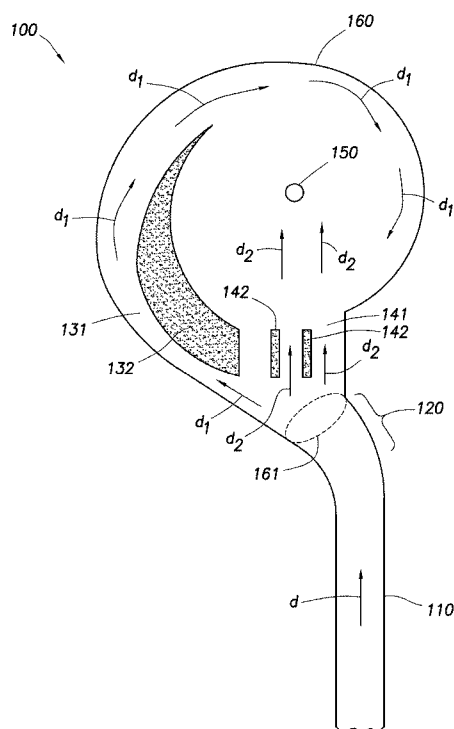


FIG. 1

- (57) **Abstract:** According to an embodiment, an exit assembly comprises: a fluid inlet; an exit chamber; a fluid outlet, wherein the fluid outlet is located within the exit chamber; and a fluid diverter, wherein the fluid diverter is connected to the fluid inlet and the exit chamber, wherein a fluid is capable of flowing from the fluid inlet, through the fluid diverter, and into the exit chamber, and wherein the shape of the fluid diverter is selected such that the fluid diverter is capable of displacing the pathway of the fluid from the fluid inlet into a first fluid pathway, a second fluid pathway, or combinations thereof, wherein the first fluid pathway and the second fluid pathway are located within the exit chamber. According to another embodiment, the fluid diverter increasingly displaces the pathway of the fluid from the fluid inlet into the first fluid pathway as the viscosity or density of the fluid increases, and the fluid diverter increasingly displaces the pathway of the fluid from the fluid inlet into the second fluid pathway as the viscosity or density of the fluid increases, or as the flow rate of the fluid decreases.



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— *of inventorship (Rule 4.17(iv))*

**Published:**

— *with international search report (Art. 21(3))*