



(51) International Patent Classification:

A01K 63/04 (2006.01) F04D 29/62 (2006.01)
F04D 13/02 (2006.01)

(21) International Application Number:

PCT/US2019/060323

(22) International Filing Date:

07 November 2019 (07.11.2019)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/757,415 08 November 2018 (08.11.2018) US

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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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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.

(54) Title: FLUID PUMP ASSEMBLIES AND KITS, AND RELATED METHODS

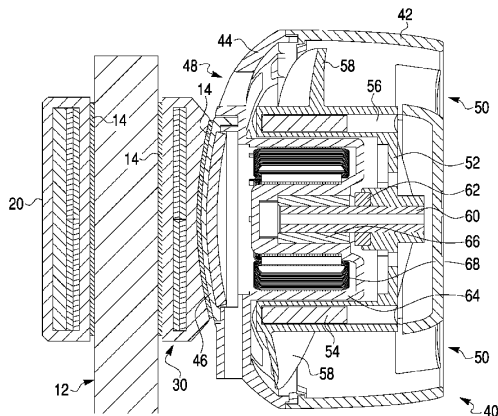


FIG. 3

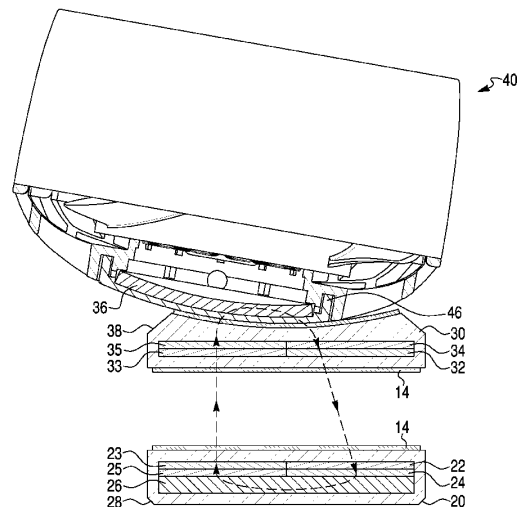


FIG. 7

(57) Abstract: The present invention relates to fluid pump assemblies in general, and in exemplary embodiments to fluid pump assemblies that are magnetically supported in position, and to related kits and methods useful to circulate water in aquariums. The fluid pump assembly (10) comprises an outer mount (20), an inner mount (30), and a pump (40). The outer mount includes at least one outer permanent magnet (22-25); the inner mount includes at least one inner permanent magnet (32-35); and the pump includes at least one soft magnetic material (36). The outer permanent magnet, the inner permanent magnet, and the soft magnetic material collectively form a magnetic circuit.

(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, ST, 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, KM, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*