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(71) Applicant (for CA only): **SCHLUMBERGER CANADA LIMITED** [CA/CA]; 525-3rd Avenue S.W., Calgary, Alberta T2P 0G4 (CA).

(71) Applicant (for FR only): **SERVICES PETROLIERS SCHLUMBERGER** [FR/FR]; 42 rue Saint Dominique, F-75007 Paris (FR).

(71) Applicant (for GB, JP, NL only): **SCHLUMBERGER HOLDINGS LIMITED** [GB/GB]; P.O. Box 71, Craigmuir Chambers Road Town, Tortola 1110 (VG).

(71) Applicant (for AL, AM, AU, AZ, BF, BG, BJ, BY, CF, CG, CI, CM, CO, CZ, DE, DK, GA, GN, GQ, GR, GW, HU, ID, IE, IL, IT, KG, KP, KR, KZ, LT, MD, ML, MR, MX, MY, NE, NO, NZ, OM, PL, RO, RU, SI, SK, SN, TD, TG, TH, TJ, TM, TN, TR, TT, UZ, ZA only): **SCHLUMBERGER TECHNOLOGY B.V.** [NL/NL]; Parkstraat 83-89, NL-2514 The Hague (NL).

(71) Applicant (for all designated States except AL, AM, AU, AZ, BF, BG, BJ, BY, CA, CF, CG, CI, CM, CO, CZ, DE, DK, FR, GA, GB, GN, GQ, GR, GW, HU, ID, IE, IL, IT, JP, KG, KP, KR, KZ, LT, MD, ML, MR, MX, MY, NE, NL, NO, NZ, OM, PL, RO, RU, SI, SK, SN, ST, TD, TG, TH, TJ, TM, TN, TR, TT, US, UZ, ZA): **PRAD RESEARCH AND DEVELOPMENT LIMITED** [GB/GB]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola 1110 (VG).

(71) Applicant (for ST only): **SCHLUMBERGER TECHNOLOGY CORPORATION** [US/US]; 110 Schlumberger Drive, Sugar Land, TX 77478 (US).

## (72) Inventors; and

(75) Inventors/Applicants (for US only): **AYYAD, Mark, M.** [AU/SG]; 187 Tanjong Rhu Rd #06-07, Sanctuary Green, Singapore 436925 (SG). **VELAYUTHAM, Saravanan**

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## (54) Title: SYSTEM AND METHOD FOR REDUCING VIBRATION IN A FLUID PUMP

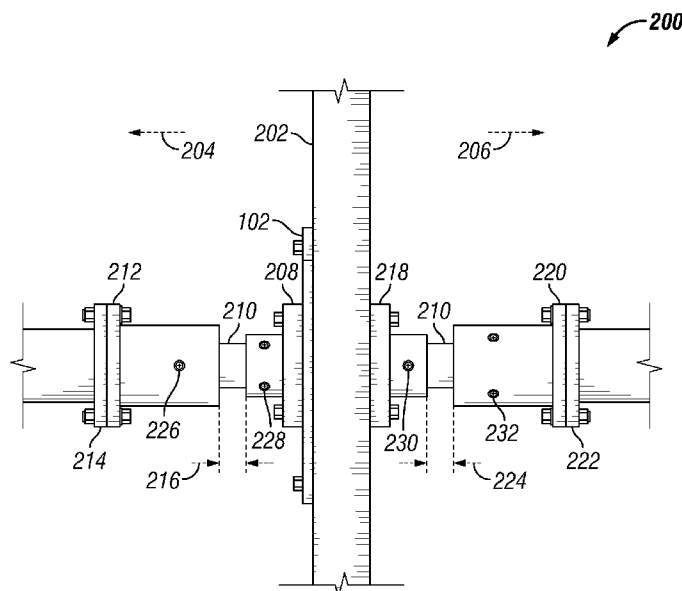


FIG. 2

(57) Abstract: A system for dampening vibration in a pump includes a PTO-driven pump having a prime-mover side and a pump-side. The system includes a bulkhead interposed between the prime-mover side and the pump-side, the bulkhead having an opening therein. The system includes a vibration dampening plate having a thickness of at least 12 mm, where the vibration dampening plate is positioned between a bulkhead and a pump-side bearing flange or a prime-mover side bearing flange. The pump-side bearing flange or a prime-mover side bearing flange is coupled to the bulkhead at the opening therein. The system includes a bearing shaft extending through the opening in the bulkhead, the vibration dampening plate, the pump-side bearing flange, and the prime-mover side bearing flange.



[SG/SG]; 36 Changi North Crescent, Singapore 499620 (SG). **THANGAVELU, Balamurugan** [IN/IN]; 6/118, Vellalar Street, Srinivasannulur, Trichy (IN).

(74) **Agent: DAE, Michael**; 555 Industrial Blvd., MD-21, Sugar Land, TX 77478 (US).

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