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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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, 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.

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- (54) **Title:** DRILLING STRIPPING ELEMENT

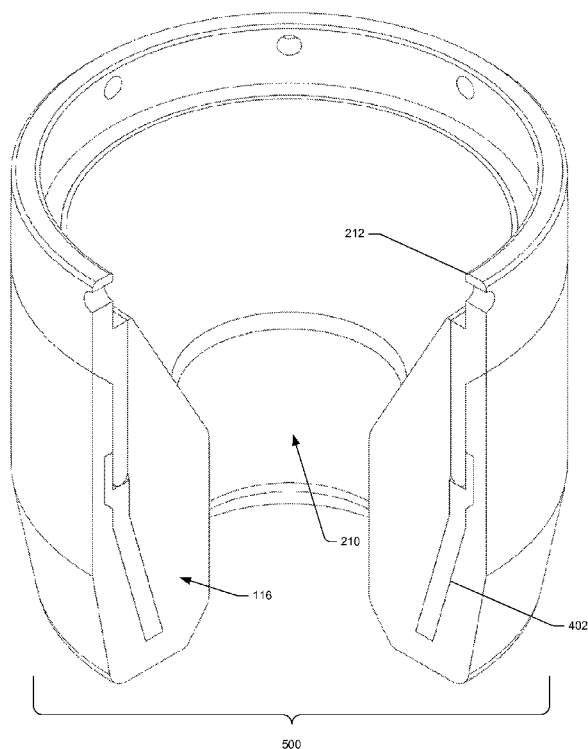


FIG. 5

- (57) **Abstract:** A stripping element for rotary flow control diverters used in the oil and gas industry comprising a stiffening member formed of a first harder material than a deformable member formed of a second softer material over-molded to the stiffening member. The stiffening member comprises apertures that provide for the second softer material of the deformable member to be displaced through the apertures when a pipe of a drill is displaced through the stripping element. The stiffening member comprises multiple members that stiffen the deformable member to prevent the deformable member from bending into the stripping element when a pipe of a drill is displaced through the stripping element. The multiple members can be displaced out in a direction away from the pipe of the drill when the pipe of the drill is displaced through the stripping element to prevent the stripping element from being compromised.



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Declarations under Rule 4.17:

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