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(54) Title: SYSTEMS, DEVICES AND METHODS FOR ASSEMBLING AUTOMATIC INJECTION DEVICES AND SUB-ASSEMBLIES THEREOF

(57) Abstract: Exemplary embodiments provide automated assembly systems, devices and methods for assembling components for use in forming an automatic injection device. Exemplary assembly systems monitor, in real time, the frictional forces experienced as a plurality of components are assembled. The detected forces are used in providing real-time feedback to automatically control the assembly process and to determine whether the components are assembled properly.

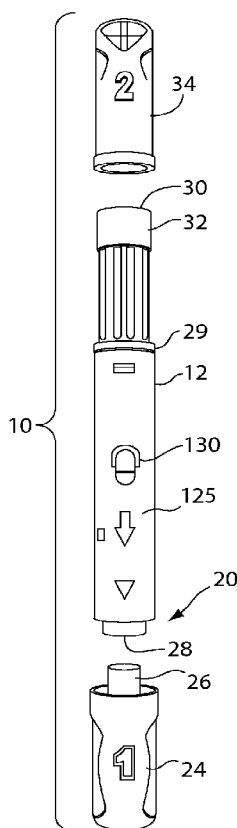


Fig. 1



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.

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