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(71) Applicant: **W. L. GORE & ASSOCIATES, INC.**
[US/US]; 555 Paper Mill Road, Newark, DE 19711 (US).

(72) Inventors: **CULLY, Edward, H.**; 551 Paper Mill Road,
Newark, MN 19711 (US). **HARDIE, William, G.**; 551 Pa-
per Mill Road, Newark, DE 19711 (US).

(74) Agent: **JONAS, Victor, P.** et al.; 2200 Wells Fargo Cen-
ter, 90 South Seventh Street, Minneapolis, MN 55402-3901
(US).

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(54) Title: THROUGH BARREL PROCESSING FOR INJECTOR DEVICE COMPONENTS

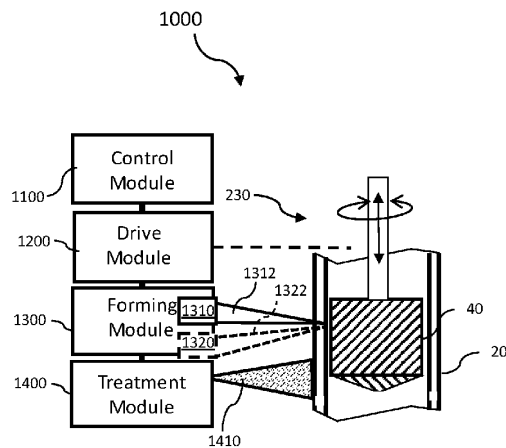


FIG. 20

(57) Abstract: Methods for manufacturing an injector device including a barrel having a wall defining an inner surface and a stopper that is slidably received in the barrel, the stopper having an outer side engaged with the inner surface of the wall of the barrel. The methods may include modifying a stopper by directing energy through the wall of the barrel to the stopper.

WO 2023/027727 A1