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(54) **Title:** ADDITIVE METAL RIFLE SYSTEMS AND MANUFACTURING METHODS

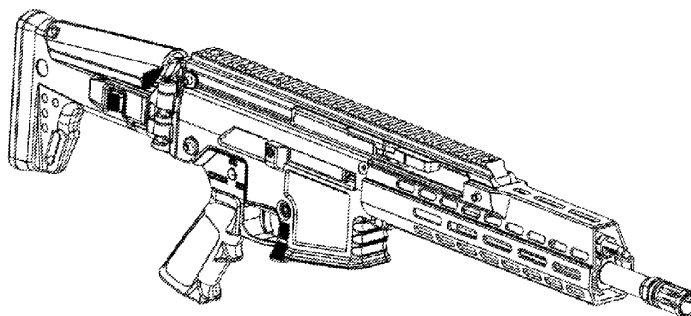


FIG. 1

(57) **Abstract:** A rifle system and methods for construction thereof is provided. The rifle system is formed using alternative production methods, such as advanced additive manufacturing ("AM") technologies – also called 3D printing. Also included is an improved trigger housing, an improved bolt hold detent system configured to be operated ambidextrously, an improved magazine-well, an improved trunnion, and an ambidextrous release assembly.

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