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(54) Title: DETECTING MAGAZINE TYPES USING MAGNETS

(57) Abstract: Magazines of conducted electrical weapons (CEW) comprise a set of magnetic elements having positions, polarities, and magnitudes corresponding to a type of magazine. The CEW uses sensors to detect an indicator magnet indicating that a magazine is inserted into a bay of the CEW. The CEW additionally uses sensors to detect information about the set of magnetic elements and determines, based on the detected information, a type of the magazine.

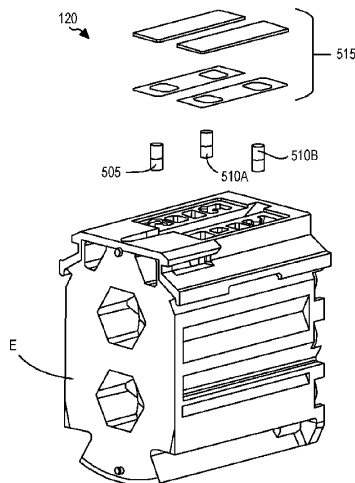


FIG. 5

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