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(72) Inventor; and

(71) Applicant: MOŁĘDA, Jarosław [PL/PL]; Wiązana 58E,  
04-680 Warszawa (PL).

(74) Agent: TAGOWSKA, Magdalena; Patpol Kancelaria  
Patentowa Sp. z o.o., Nowoursynowska 162J, 02-776  
Warszawa (PL).

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(54) Title: NEEDLE-BASED DEVICE WITH A SAFETY MECHANISM IMPLEMENTED THEREIN

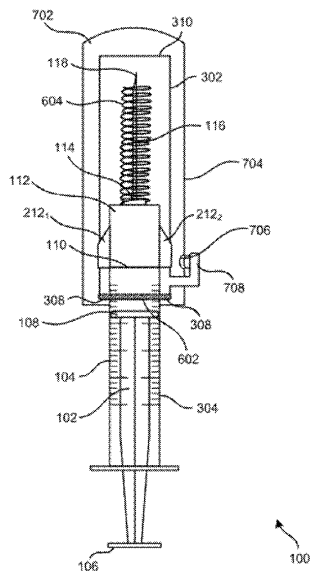


FIG. 7

(57) Abstract: A method includes protecting an entire length of a needle of a needle-based device protruding from a needle mount coupled to a body thereof based on providing a needle shield configured to completely encompass the entire protruding length of the needle in a first state of disuse of the needle-based device, and retracting the needle shield in a first direction toward the body to cause the needle to emerge out of the needle shield to prepare the needle-based device for a second state of use. The method also includes transitioning the needle-based device back to the first state of disuse in accordance with a force applied in a second direction, securely maintaining the needle shield in the first state of disuse, and locking the needle shield with a lock button formed on the needle shield or external thereto in the first state of disuse of the needle-based device.

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