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(71) Applicant: **BECTON, DICKINSON AND COMPANY**  
[US/US]; 1 Becton Drive, Franklin Lakes, New Jersey  
07417 (US).

(72) Inventors: **DESPA, Mircea**; 110 Walcott Way, Cary,  
North Carolina 27519 (US). **FERRITER, Matthew**; 107  
Wolfs Trail, Chapel Hill, North Carolina 27516 (US).  
**MARTIN, Adam**; 1535 Glengate Circle, Morrisville,  
North Carolina 27560 (US).

(74) Agent: **MILES, Kirk M.** et al.; The Webb Law Firm, One  
Gateway Center, 420 Ft. Duquesne Blvd., Suite 1200, Pitts-  
burgh, Pennsylvania 15222 (US).

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(54) Title: CONTROLLED DELIVERY SYRINGE DEVICE

(57) Abstract: A controlled delivery syringe device includes a syringe barrel having a proximal end and distal end which defines a chamber for containing an injectable material. A plunger rod is associated with the syringe barrel and a plunger is secured thereto which is axially movable within the syringe barrel. A plurality of equally and sequentially spaced periodic features are associated with the plunger rod and a counter member is engageable with the periodic features. Application of a distally directed force to the plunger rod results in disengagement and reengagement of the counter member with the sequentially spaced periodic features on the plunger rod, enabling advancement of the plunger rod and plunger in the syringe barrel while providing tactile feedback of dose progression of the injectable material. A method of retrofitting a syringe with a device for injecting a metered dose of injectable material is also provided.



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