

### US00D686321S

# (12) United States Design Patent

Essinger et al.

## (10) Patent No.:

US D686,321 S

## (45) **Date of Patent:**

Jul. 16, 2013

## HANDLE FOR DELIVERY CATHETER

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14 Years Term:

Appl. No.: 29/406,164

Nov. 10, 2011 (22)Filed:

#### (30)Foreign Application Priority Data

	Ma	y 11, 2011	1 (WC	))	D	M/075 937
(5	1)	LOC (9)	Cl	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	24-02
(5)	2)	U.S. Cl.				
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#### Field of Classification Search (58)

USPC . D24/127–131, 112–114, 133, 186; 606/181, 606/185; 604/264, 272, 115, 232, 187, 158, 604/164.08, 192, 263, 163, 181, 184, 1, 98, 604/227; 600/101, 139, 143; 128/200.24, 128/207.14, 207.15

See application file for complete search history.

#### **References Cited** (56)

## U.S. PATENT DOCUMENTS

5,344,411	A	*	9/1994	Domb et al 604/265
5,545,146	$\mathbf{A}$	*	8/1996	Ishak 604/198
D384,743	S	*	10/1997	Chia
D391,361	S	*	2/1998	Evans et al
D450,837	S	*	11/2001	Cise et al
D476,419	S	*	6/2003	Swenson
D594,117	S	*	6/2009	Patzer et al D24/129
D594,120	S	*	6/2009	Berberich et al D24/133
D596,291	S	*	7/2009	Berberich et al D24/133
7,621,918	B2	*	11/2009	Jackson 606/86 A

7,651,502 B2	2* 1/201	0 Jackson	606/99
D653,338 S	* 1/201	2 Mangeshika	ır D24/133
D663,832 S	* 7/201	2 Essinger et	al D24/112

<sup>\*</sup> cited by examiner

Primary Examiner — David Muller

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#### (57)**CLAIM**

The ornamental design for a handle for a delivery catheter, as shown and described.

## DESCRIPTION

FIG. 1 is a left side, perspective view of the handle for delivery catheter, with the distal end of the design in forefront and a movable barrel portion, located on the proximal end of the design, in a first position;

FIG. 2 is a left side, perspective view of the handle for delivery catheter, with the movable barrel portion in forefront and in the first position;

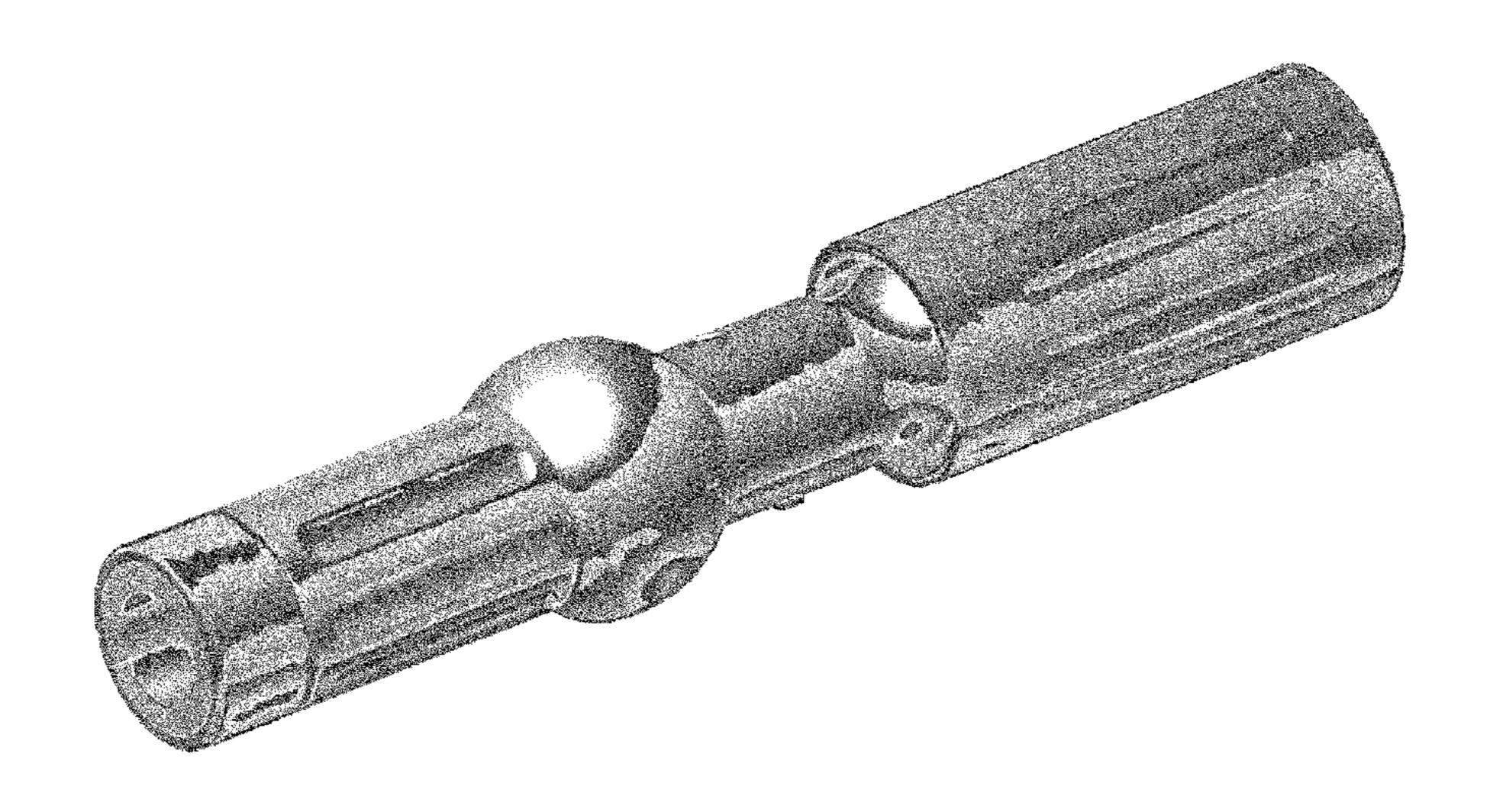
FIG. 3 is a left side, elevation view of the handle for delivery catheter with the movable barrel portion in the first position; FIG, 4 is a bottom plan view of the handle for delivery catheter with the movable barrel portion in the first position; FIG. 5 is a left side, perspective view of the handle for delivery catheter, with the distal end in forefront and movable barrel portion in a second position;

FIG. 6 is a bottom plan view of the handle for delivery catheter with the movable barrel portion in the second position; and,

FIG. 7 is a left side, elevation view of the handle for delivery catheter with the movable barrel portion in the second position.

In the figures, the distal end of the claimed design is provided to the left in the figures, and the proximal end of the claimed design is provided to the right in the figures. Right side views (not shown), are mirror images of the various left side views.

## 1 Claim, 3 Drawing Sheets



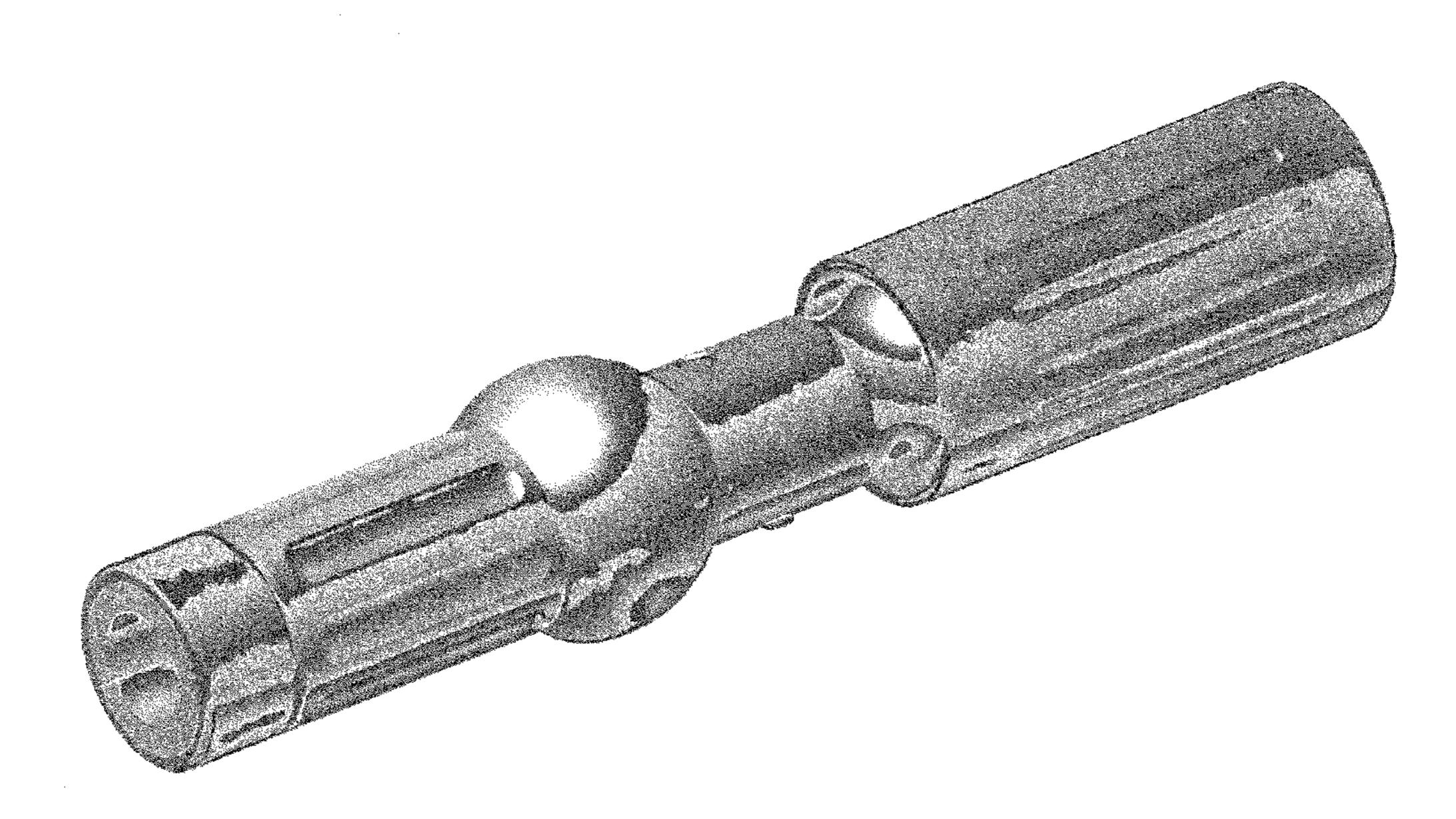


Fig. 1

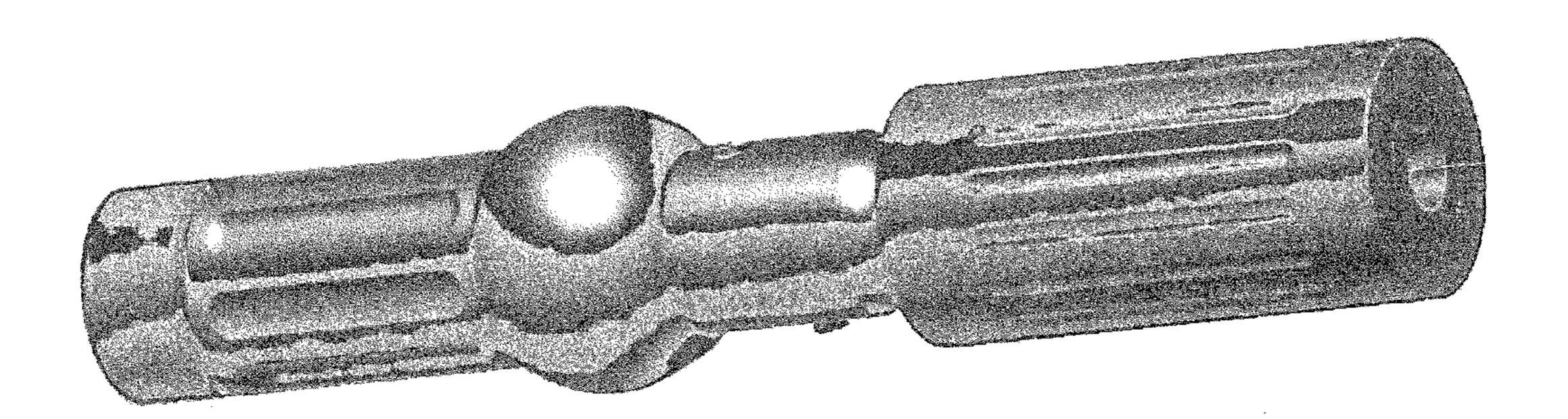


Fig. 2

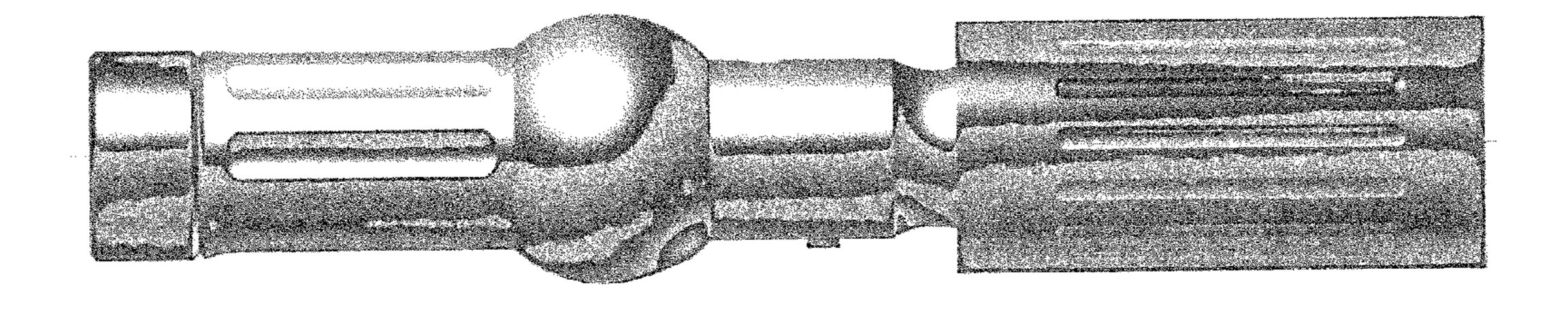


Fig. 3

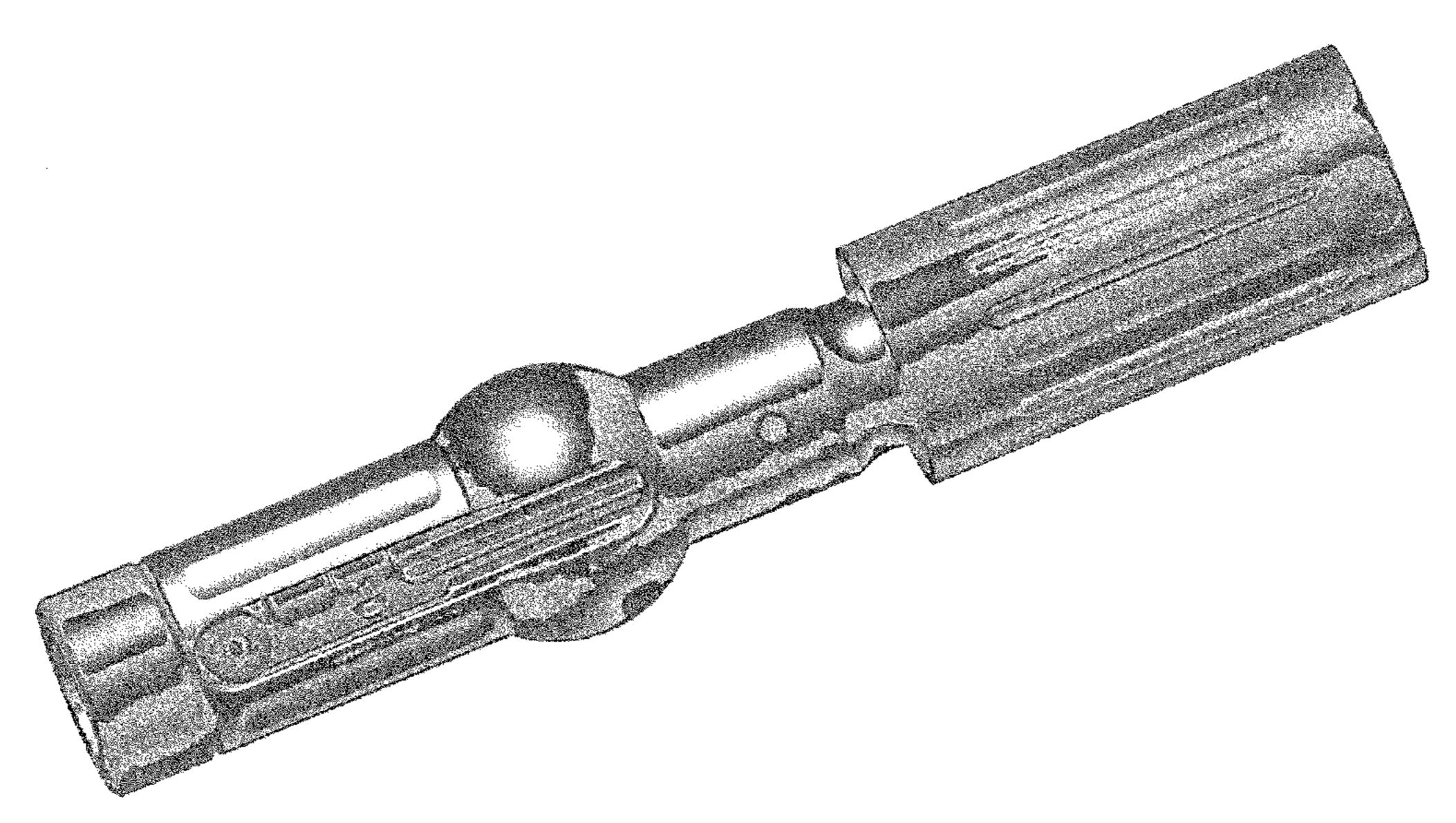


Fig. 4

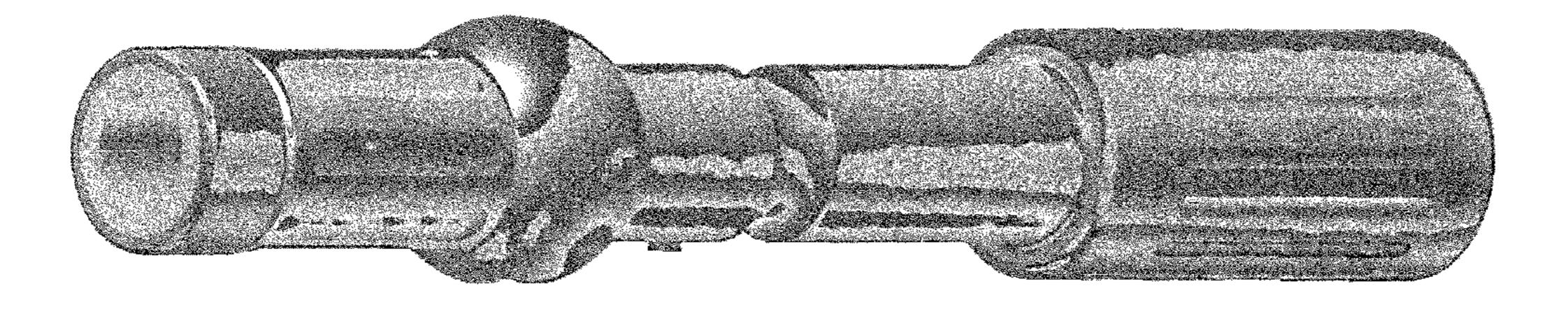


Fig. 5

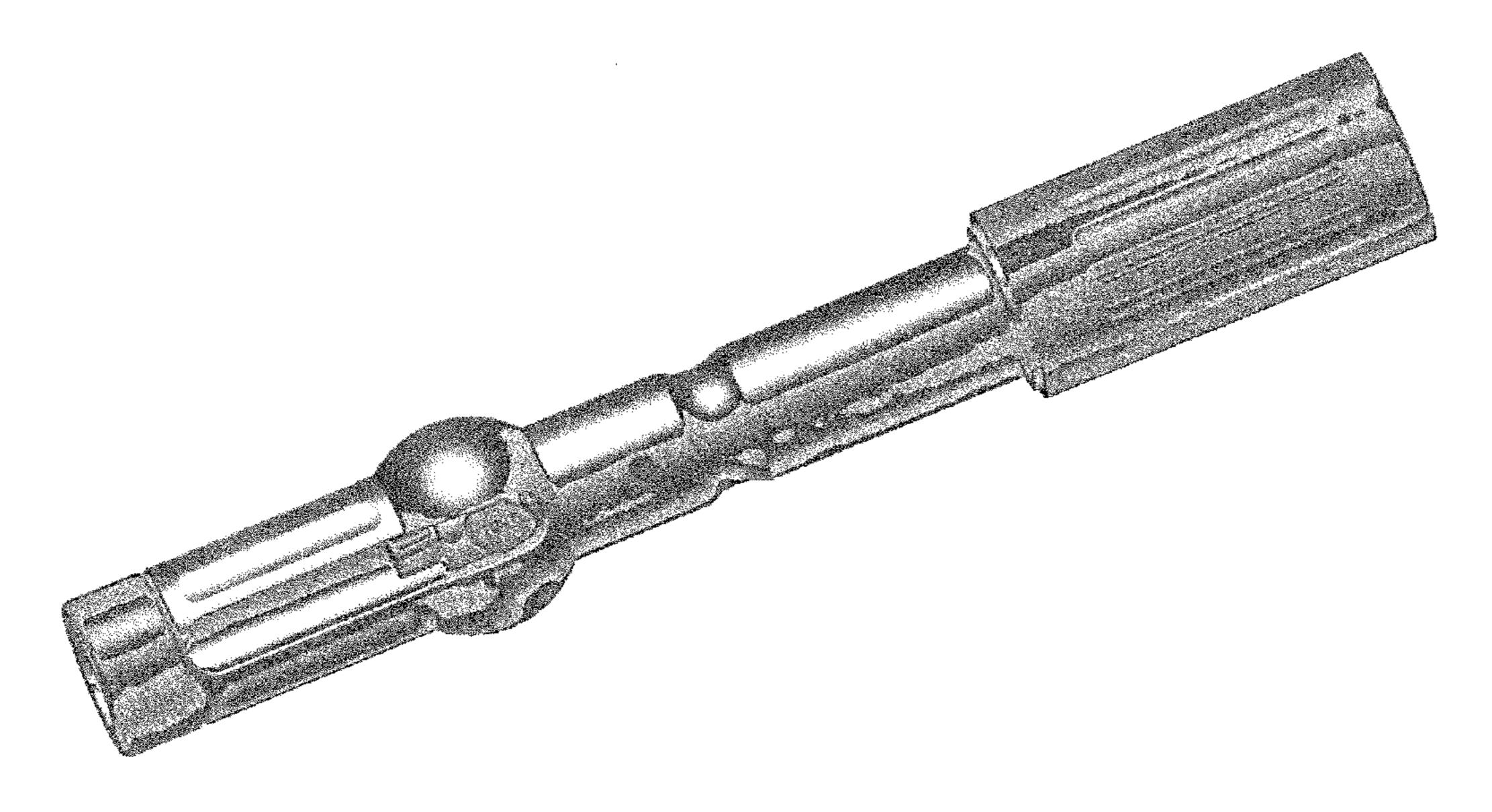


Fig. 6

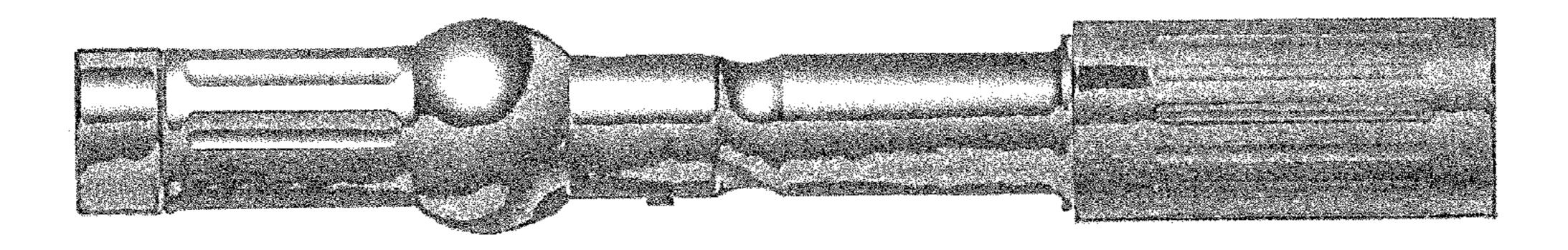


Fig. 7

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : D686,321 S
APPLICATION NO. : 29/406164
DATED : July 16, 2013

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

INVENTOR(S)

Under Description, Insert -- 1 Claim, 7 Drawing Sheets--.

: Essinger et al.

In the Drawings

Replace (7 pages) of figures 1-7.

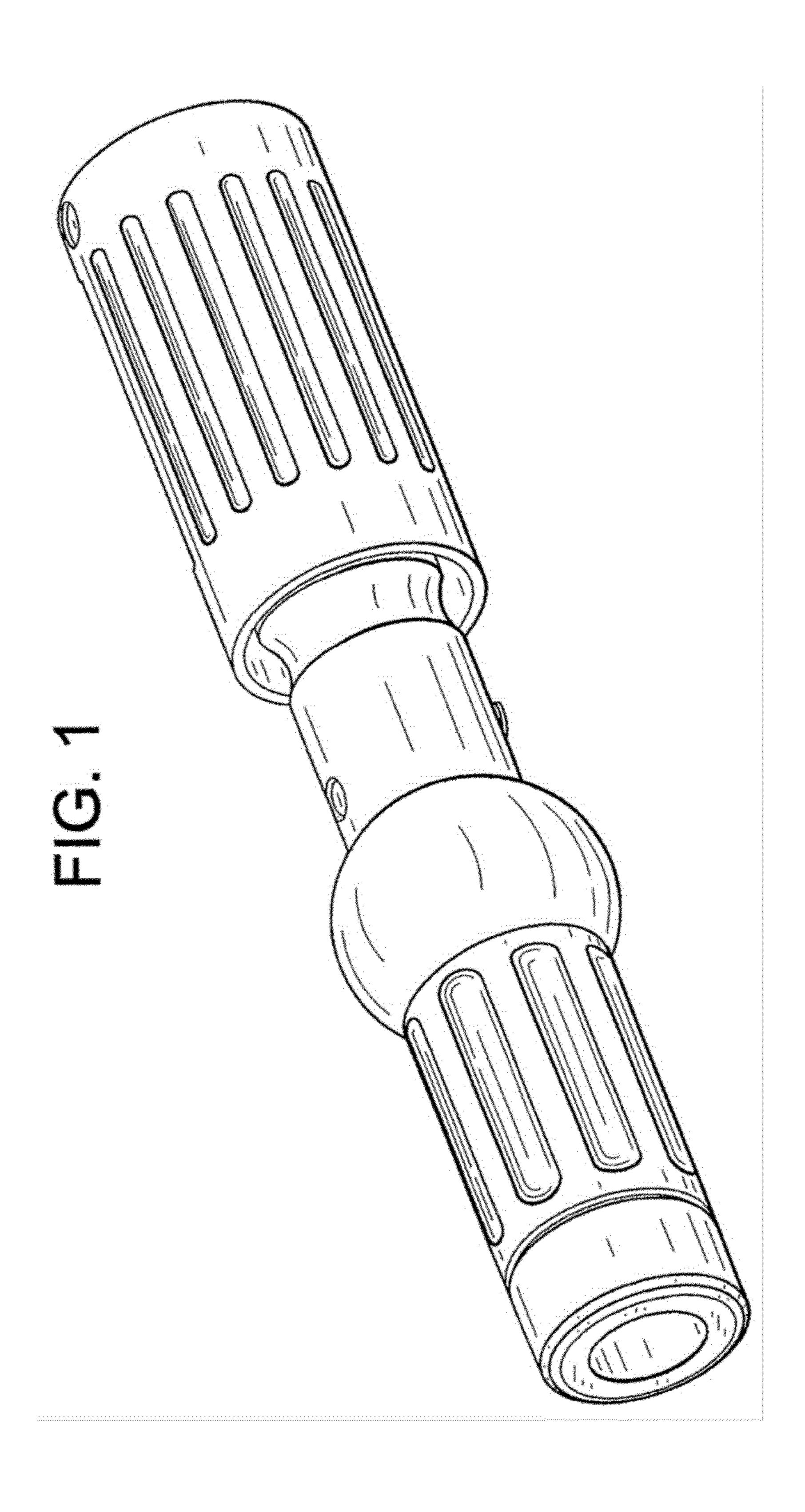
Signed and Sealed this Sixteenth Day of October, 2018

Andrei Iancu

Director of the United States Patent and Trademark Office

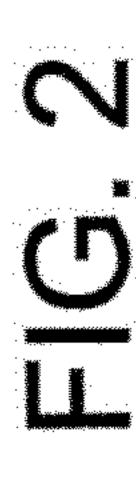
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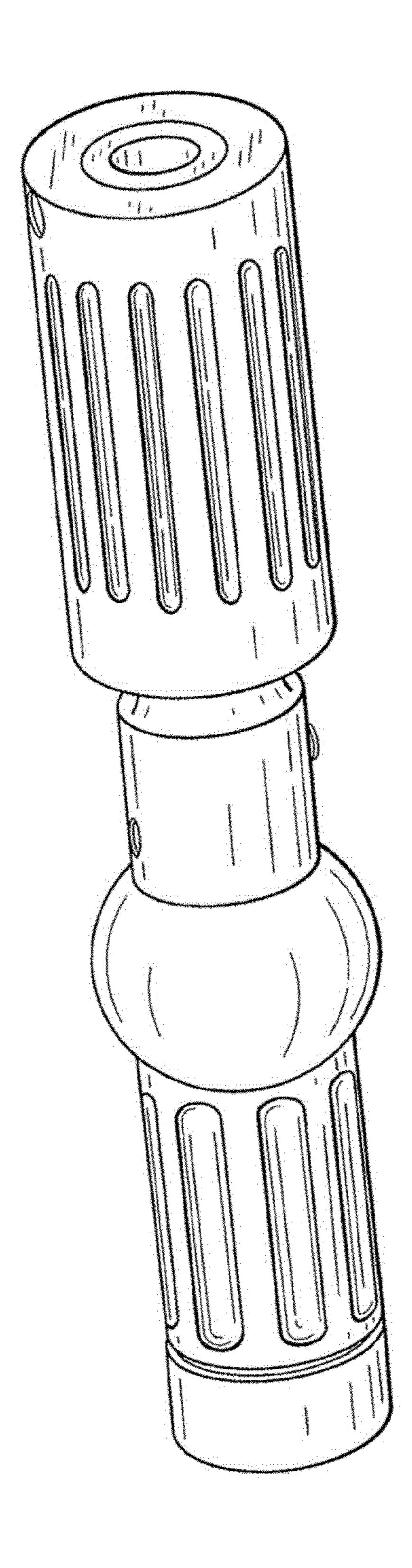
Sheet 1 of 7



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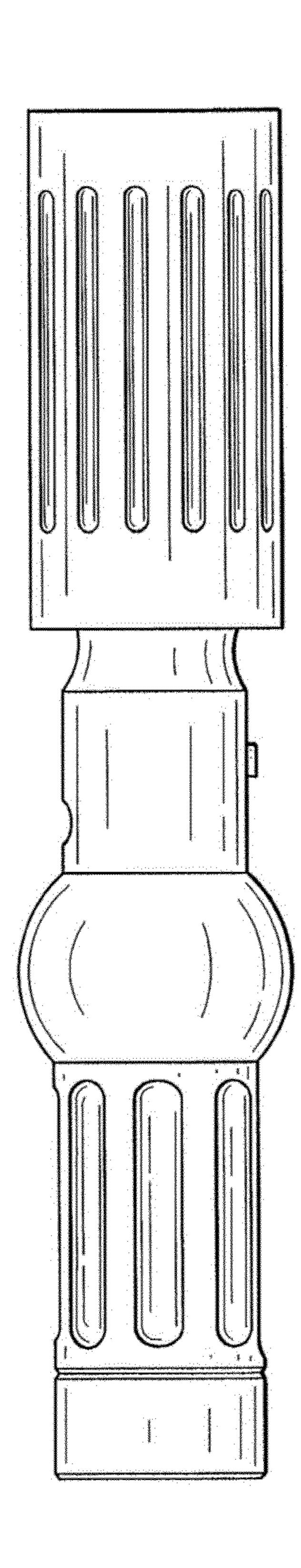
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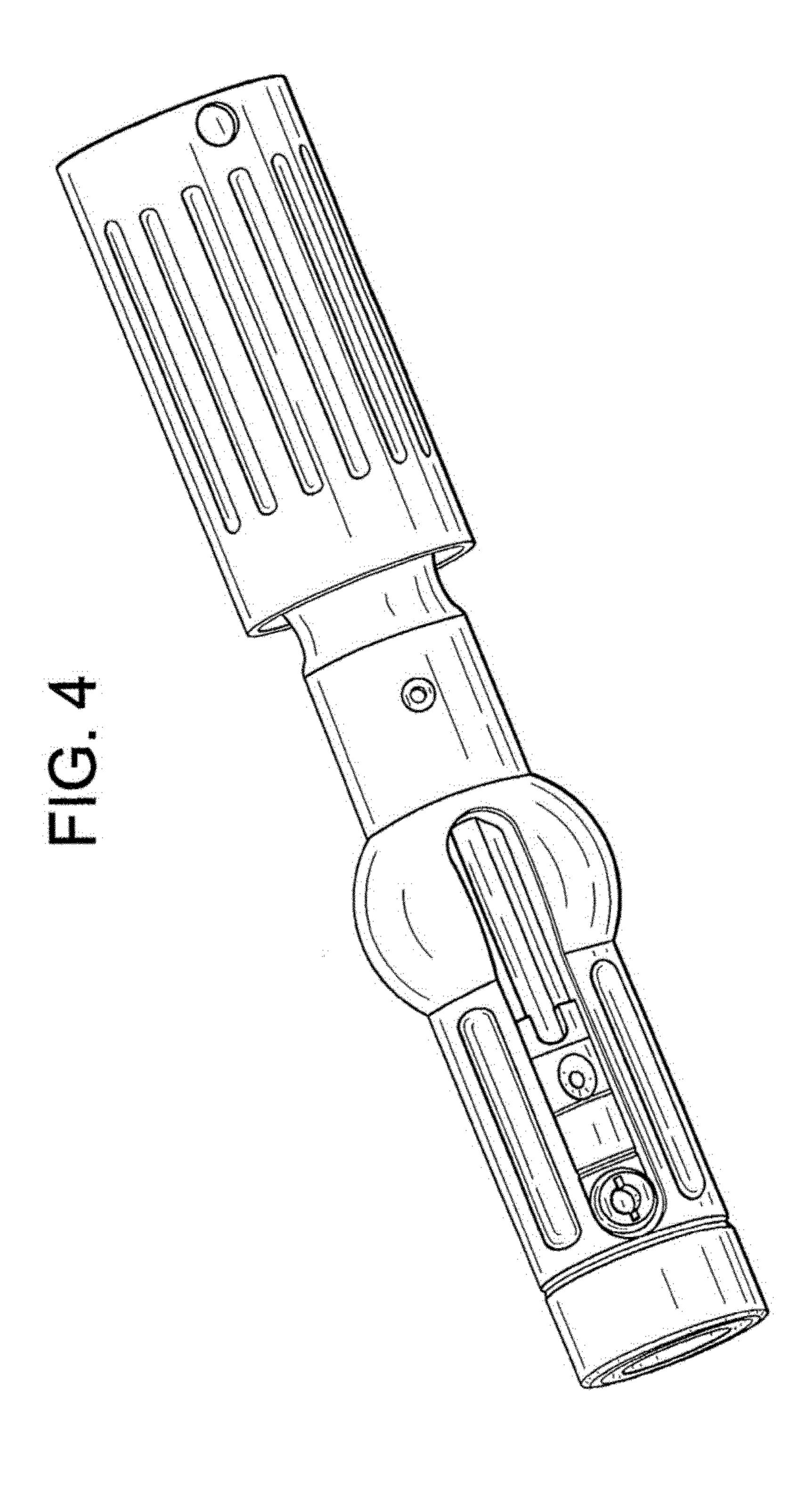
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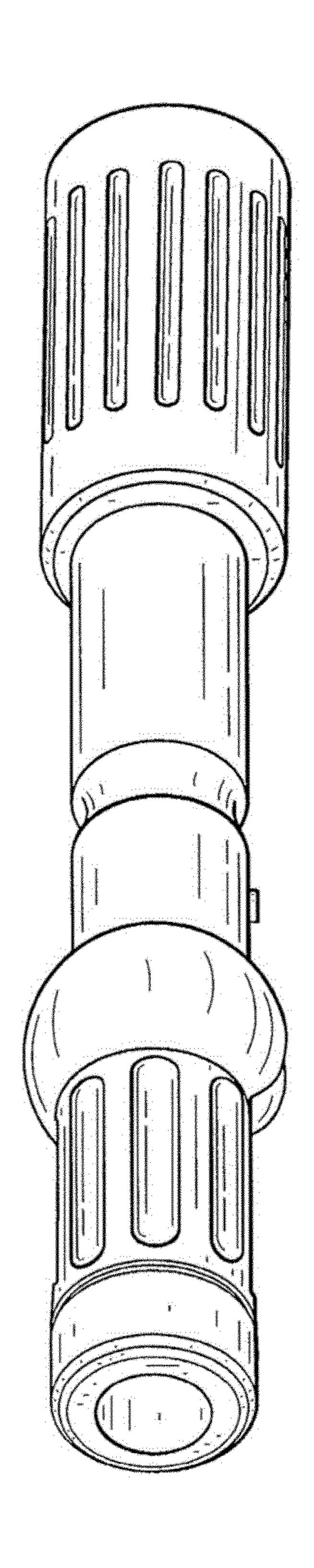
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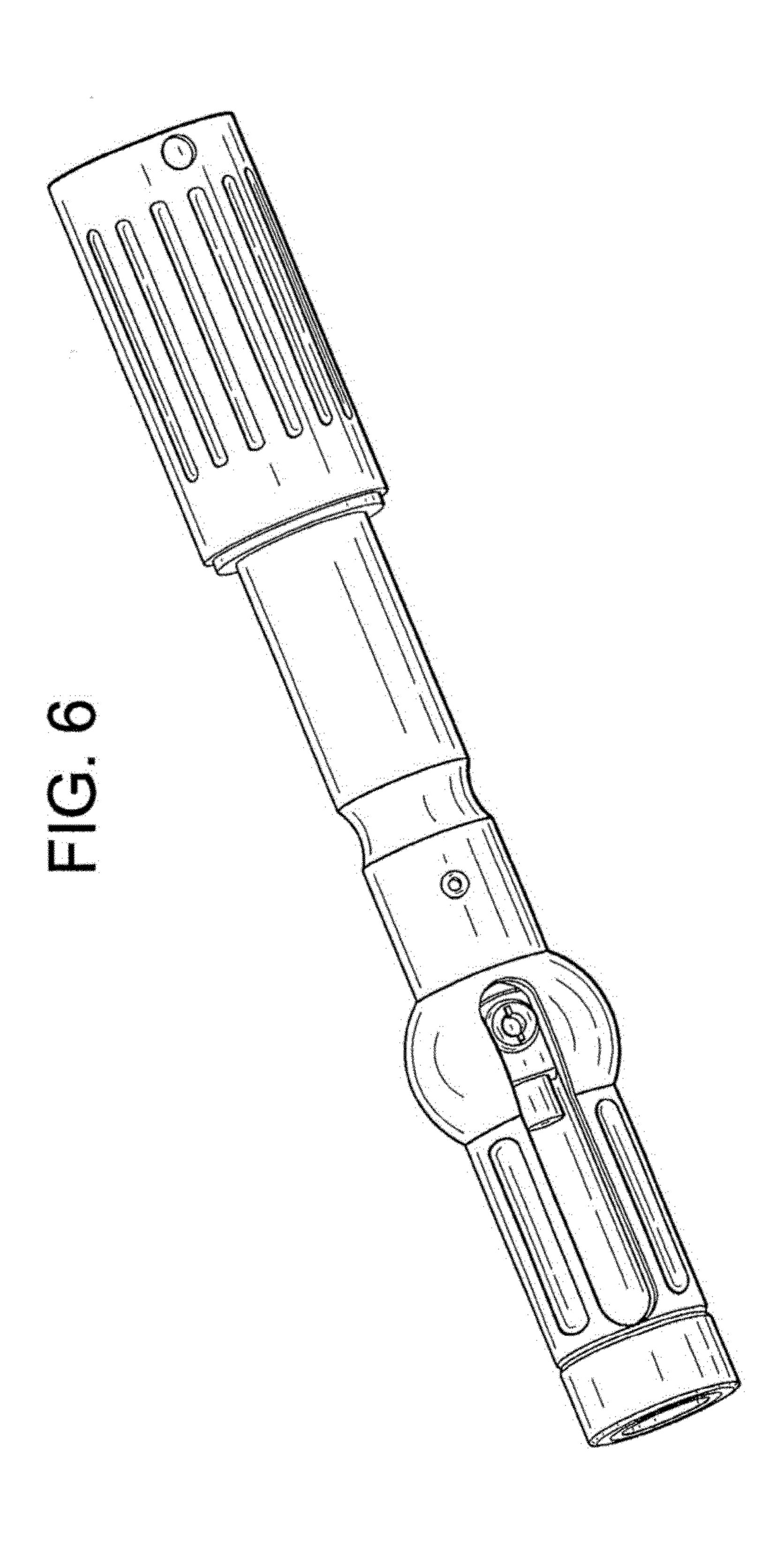
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