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(12) **United States Design Patent** (10) **Patent No.:** **US D821,085 S**  
**Ritter** (45) **Date of Patent:** **\*\* Jun. 26, 2018**

(54) **SINGLE TUBE CRUTCH**  
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5,139,040 A 8/1992 Kelly  
5,193,567 A \* 3/1993 Razny, Jr. .... A61H 3/02  
135/68  
5,482,070 A 1/1996 Kelly  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 202161528 3/2012  
CN 203121297 8/2013  
KR 2004085849 10/2004

(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/571,624**  
(22) Filed: **Jul. 20, 2016**

**OTHER PUBLICATIONS**

“Medline Catalog”, Universal Single Tube Crutch; Medline Catalog; Unknown Publication Date but believed to be prior to filing or present application.

(Continued)

(51) **LOC (11) Cl.** ..... **03-03**  
(52) **U.S. Cl.**  
USPC ..... **D3/8**  
(58) **Field of Classification Search**  
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D3/15, 16, 17, 18, 28; D10/71; D14/416  
CPC ..... A45D 42/00; A45D 42/18; A61B 1/24;  
D04B 3/02; G05G 9/04788  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a single tube crutch, as shown and described.

**DESCRIPTION**

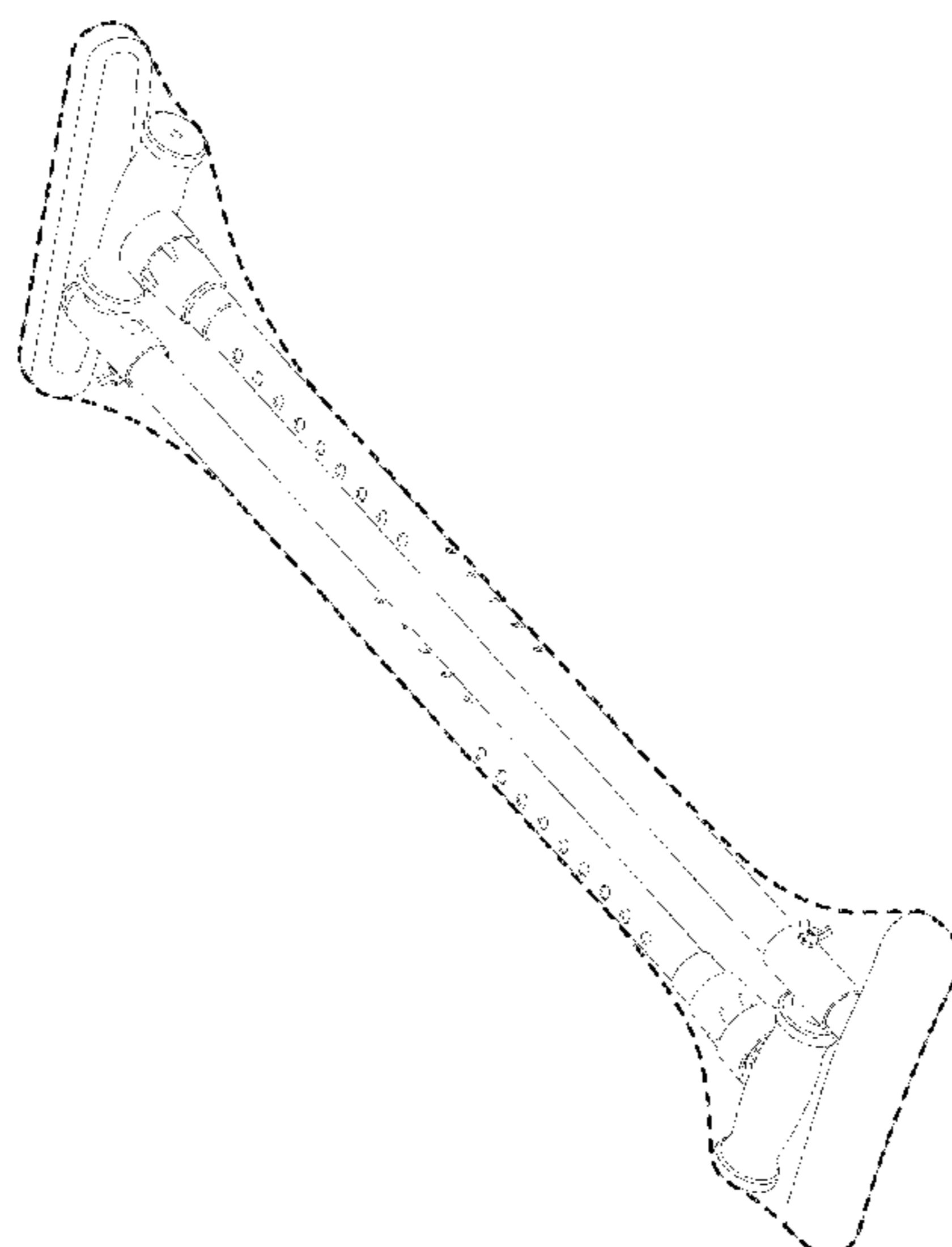
FIG. 1 is a first perspective view of a single tube crutch in a packaged configuration showing our new design; FIG. 2 is a second perspective view of the packaged configuration; FIG. 3 is a first perspective view of the single tube crutch; FIG. 4 is a second perspective view thereof; FIG. 5 is a right elevation view thereof; FIG. 6 is a left elevation view thereof; FIG. 7 is a rear elevation view thereof; FIG. 8 is a front elevation view thereof; FIG. 9 is a top plan view thereof; and, FIG. 10 is a bottom plan view thereof. The broken lines represent environment that forms no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,400,394 A 12/1921 Warry  
2,568,654 A \* 9/1951 Neptune ..... A61H 3/02  
135/68  
2,590,607 A 3/1952 Grimball  
3,338,387 A 8/1967 Ferry  
3,710,807 A 1/1973 Ferry  
4,385,697 A 5/1983 Urban et al.  
4,787,405 A \* 11/1988 Karwoski ..... A45B 3/00  
135/65  
4,809,725 A 3/1989 Champigny  
4,846,203 A 7/1989 Tappel  
4,917,126 A 4/1990 Ellmore

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

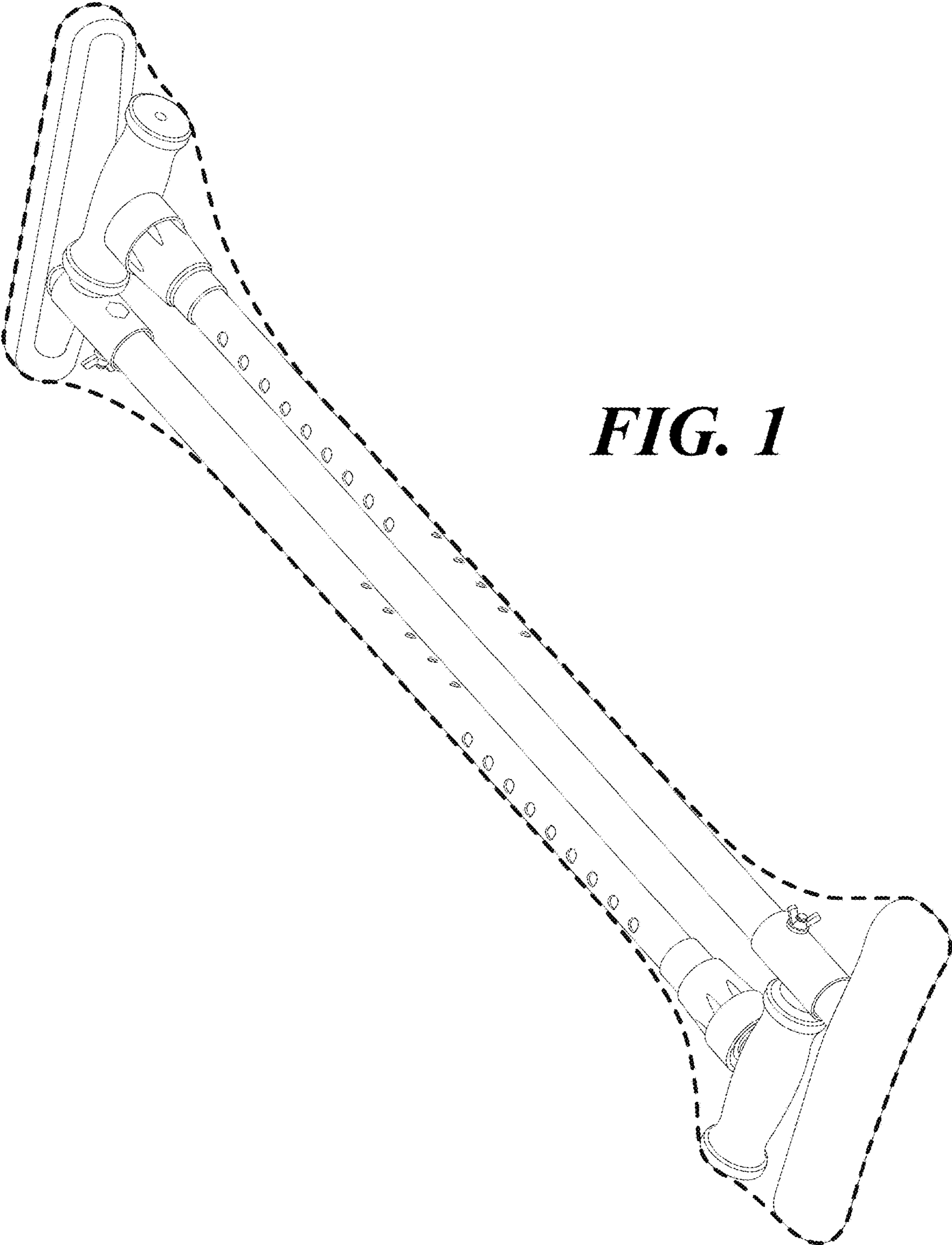
5,673,719	A	10/1997	Shofner	
6,085,766	A	7/2000	Geary	
D540,534	S *	4/2007	Chan .....	D3/7
D552,245	S *	10/2007	Davis .....	D24/188
7,610,926	B2 *	11/2009	Adams .....	A45B 1/00 135/71
7,735,500	B2	6/2010	Jacobs et al.	
D624,303	S *	9/2010	Jones .....	D3/7
D679,492	S *	4/2013	Pethoud .....	D3/7
D690,927	S *	10/2013	Jones .....	D3/7
D693,565	S *	11/2013	Chan .....	D3/7
8,720,458	B2 *	5/2014	Dickerson, II .....	A61H 3/02 135/68
D761,549	S *	7/2016	Pepper .....	D3/7
9,561,150	B2	2/2017	Dickerson, II	
D789,073	S *	6/2017	Wu .....	D3/9
2004/0011393	A1	1/2004	Whitworth	
2006/0289046	A1	12/2006	Cato	
2010/0024857	A1	2/2010	Larson et al.	

OTHER PUBLICATIONS

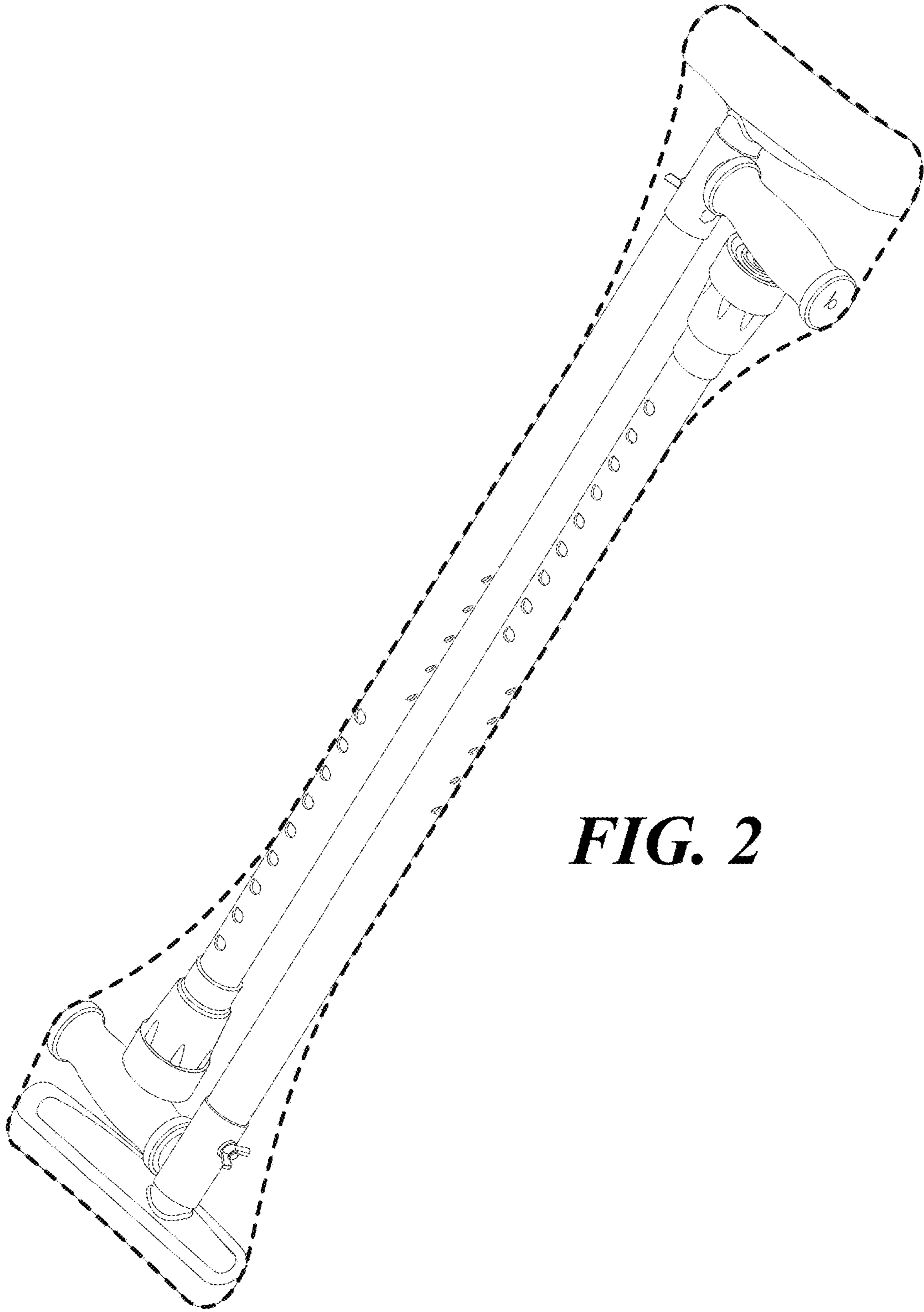
Winnie, Yip, "NonFinal OA", U.S. Appl. No. 15/214,834, filed Jul. 20, 2016; dated Mar. 8, 2017.

Winnie, Yip, "Final OA", U.S. Appl. No. 15/214,834, filed Jul. 20, 2016; dated Sep. 1, 2017.

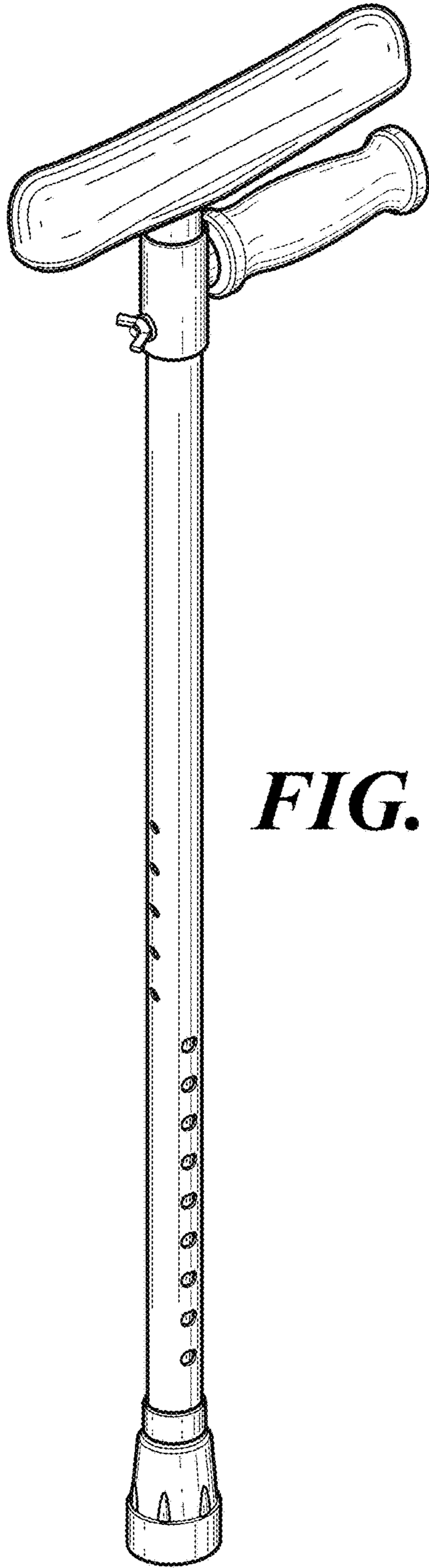
\* cited by examiner



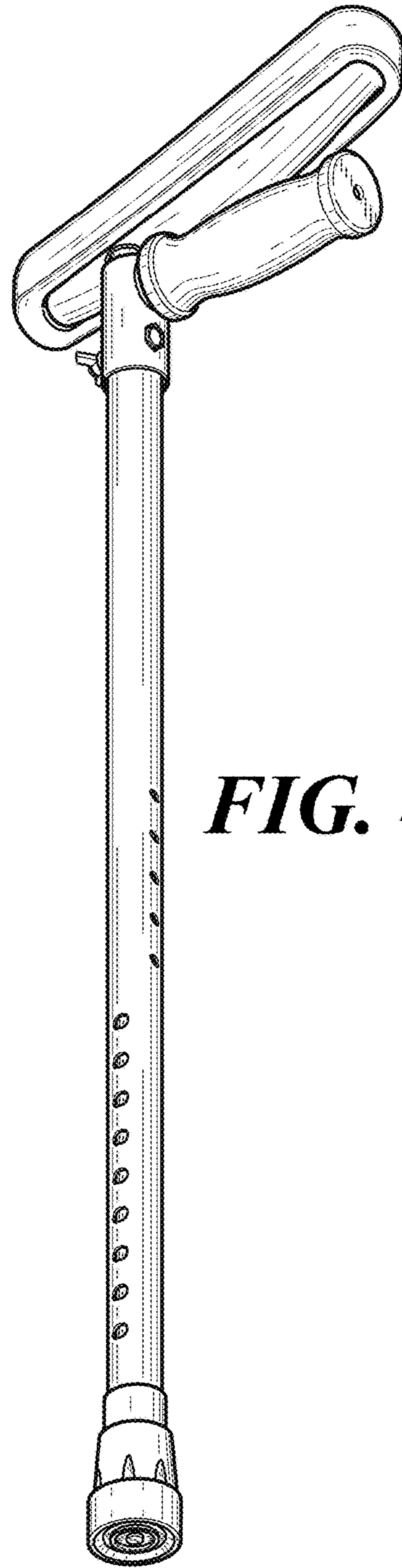
**FIG. 1**



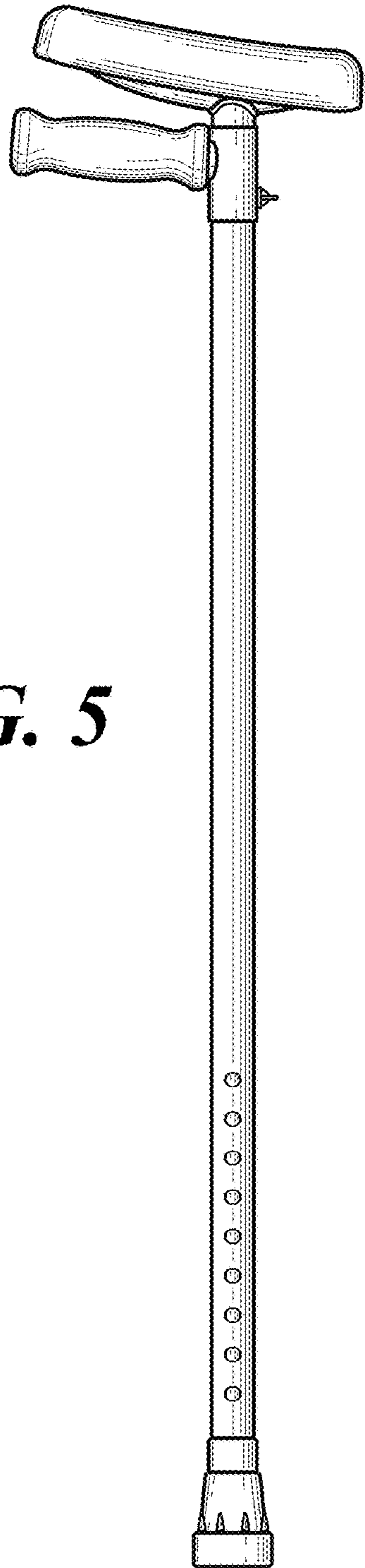
**FIG. 2**



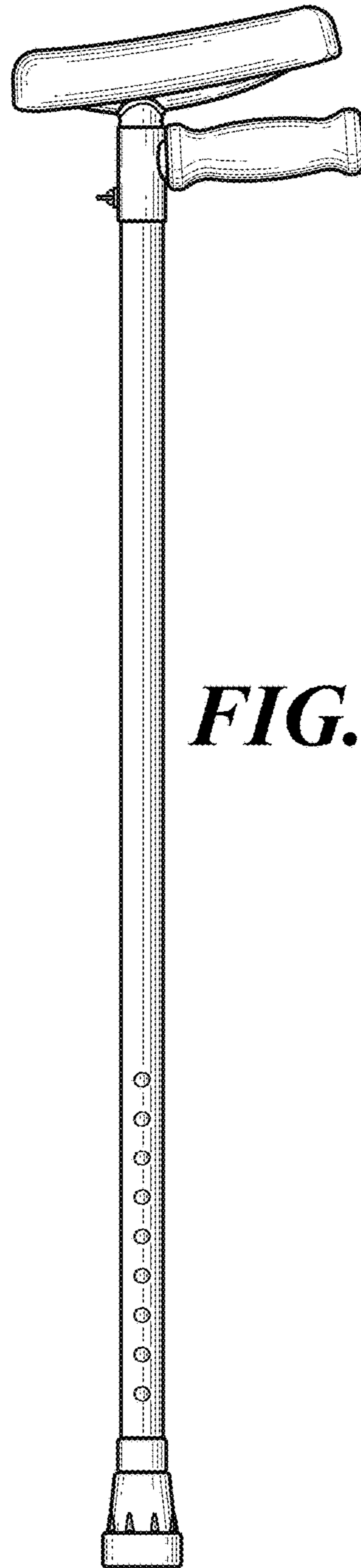
**FIG. 3**



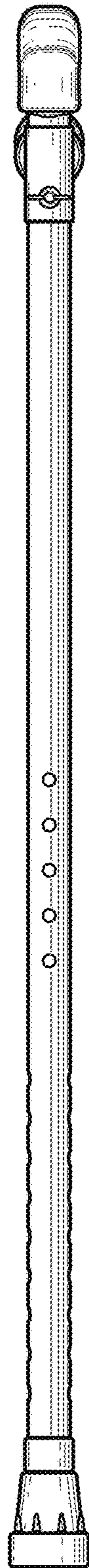
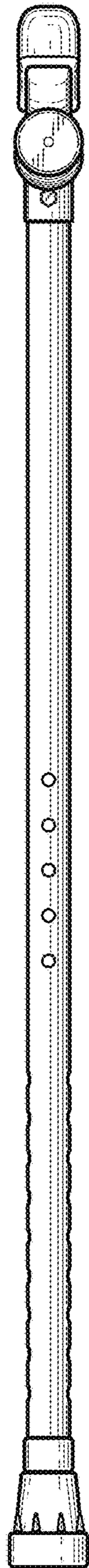
**FIG. 4**



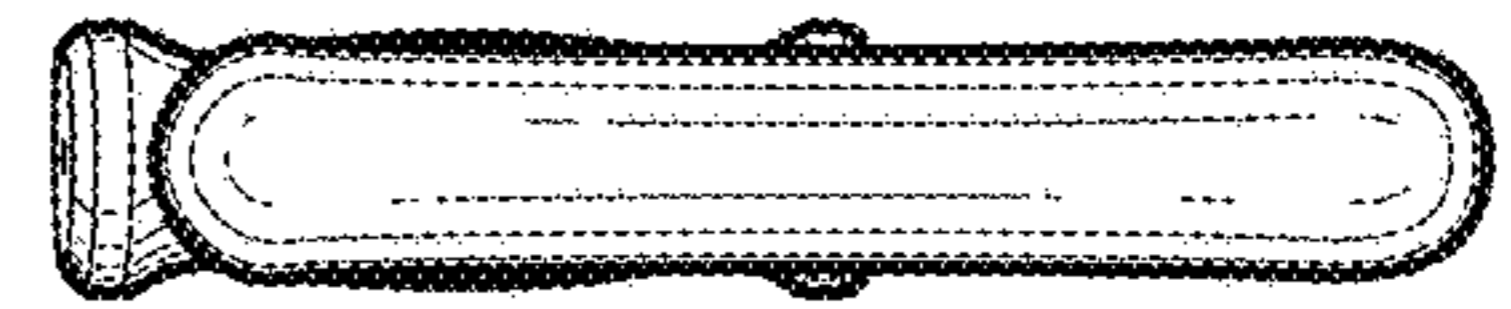
***FIG. 5***



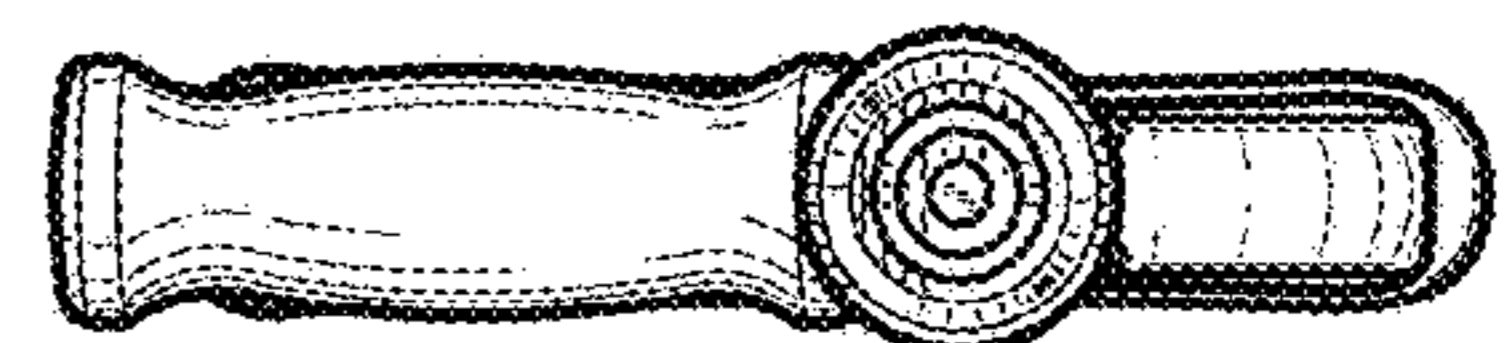
***FIG. 6***



**FIG. 7** **FIG. 8**



**FIG. 9**



**FIG. 10**