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(12) **United States Design Patent**  
**Mills**

(10) **Patent No.:** **US D751,699 S**  
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- (54) **NEEDLE SAFETY DEVICE**
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- (73) Assignee: **Becton Dickinson France**, Le Pont de Claix (FR)
- (\*\*) Term: **14 Years**
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5,980,495	A	11/1999	Heinz et al.	
6,331,174	B1	12/2001	Reinhard et al.	
6,485,474	B1	11/2002	Heinz et al.	
6,551,286	B1	4/2003	Claessens	
6,719,732	B2	4/2004	Courteix	
7,387,617	B2	6/2008	Wittland et al.	
D607,999	S *	1/2010	Holmes	D24/130
D609,804	S *	2/2010	Uchida	D24/112
D636,489	S *	4/2011	D'Agostino	D24/130
D653,338	S *	1/2012	Mangeshikar	D24/133
D655,815	S *	3/2012	Miller	D24/133
D678,522	S *	3/2013	Gustavsson	D24/130
D701,304	S *	3/2014	Lair	D24/129
D709,187	S *	7/2014	Li	D24/129
D713,957	S *	9/2014	Woehr	D24/112
D717,430	S *	11/2014	Shiraishi	D24/130
D735,321	S *	7/2015	Blanchard	D24/112
D735,853	S *	8/2015	Pa	D24/129
D737,430	S *	8/2015	Wargner	D24/112

(30) **Foreign Application Priority Data**

Jun. 20, 2014 (EM) ..... 002486472-0001

- (51) **LOC (10) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/127**

- (58) **Field of Classification Search**  
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606/181, 185; 604/264, 523-528, 272,  
604/187, 158, 164.01-164.11, 181, 184,  
604/227; 600/101, 139, 143; 128/200.24,  
128/207.14, 207.15  
CPC ..... A61M 25/00; A61M 39/00; A61M 27/00;  
A61M 25/0043; A61M 25/0067; A61M  
25/0097; A61F 2/958  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,735,311	A	4/1988	Lowe et al.
4,964,866	A	10/1990	Szwarc
4,986,818	A	1/1991	Imbert et al.
5,085,647	A	2/1992	Henderson et al.
5,304,148	A	4/1994	Lannoye et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

DE	4234319	A1	4/1994
DE	4438360	A1	5/1996

(Continued)

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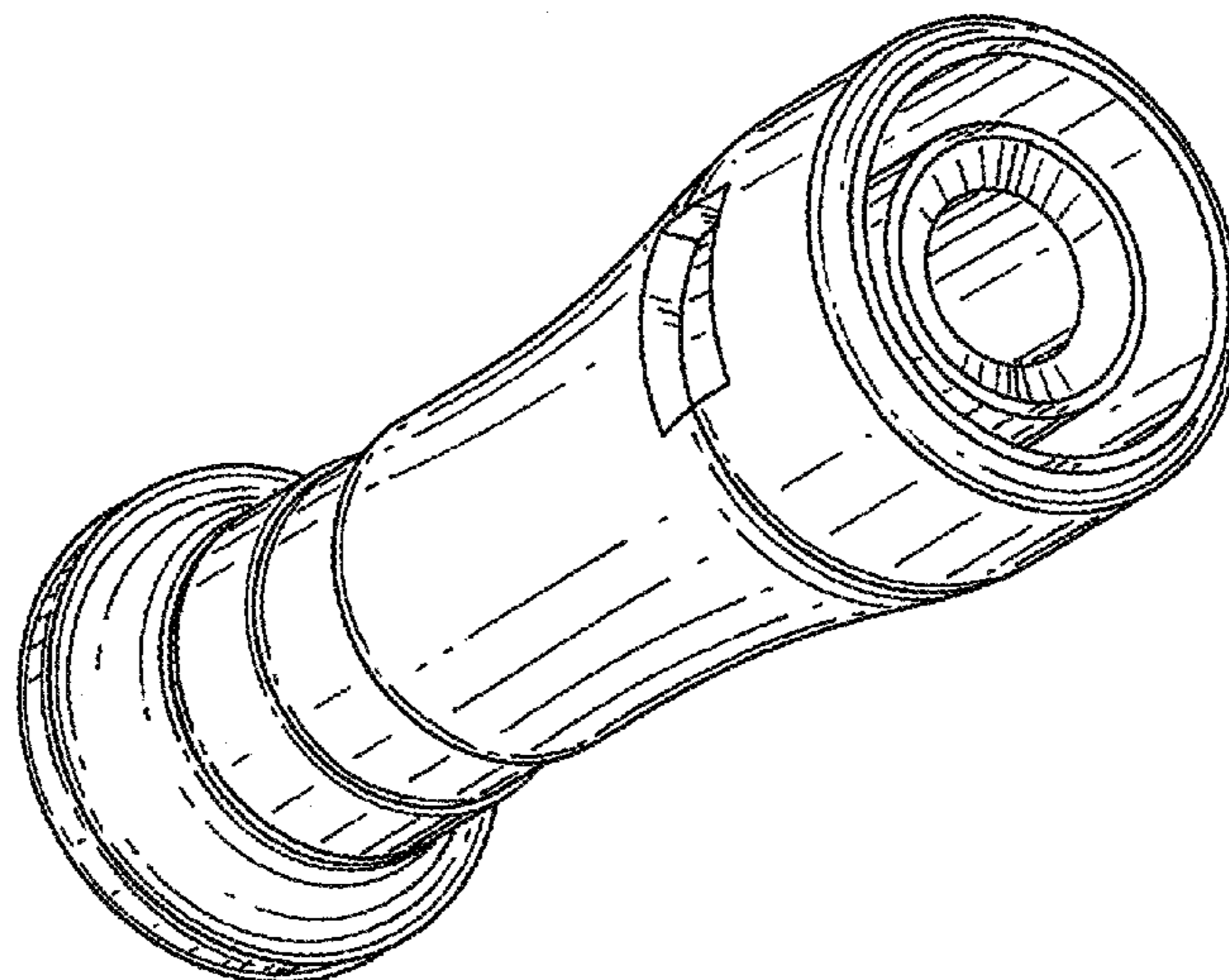
(57) **CLAIM**

The ornamental design for a needle safety device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a needle safety device in accordance with the present invention;  
FIG. 2 is a rear perspective view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a top view thereof; and,  
FIG. 6 is a bottom view thereof.

**1 Claim, 3 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2005/0038391 A1 2/2005 Wittland et al.  
2010/0292652 A1 11/2010 Gantin  
2012/0330243 A1 12/2012 Liversidge  
2013/0012886 A1 1/2013 Kawachi

FOREIGN PATENT DOCUMENTS

EP 1099450 B1 5/2001  
EP 1208861 B1 5/2002  
EP 0873758 B1 10/2002  
EP 1101505 B1 3/2003

EP 0896827 B1 11/2004  
EP 2533835 12/2012  
EP 1502617 B1 3/2013  
EP 2035064 B1 9/2013  
JP 1178264 A 7/1989  
JP 10305098 A 11/1998  
JP 2005329050 A 12/2005  
WO 2008003899 A2 1/2008  
WO 2011098831 A1 8/2011  
WO 2011114917 A1 9/2011  
WO 2012023938 A1 2/2012  
WO 2012116791 A1 9/2012  
WO 2014131987 A1 9/2014

\* cited by examiner

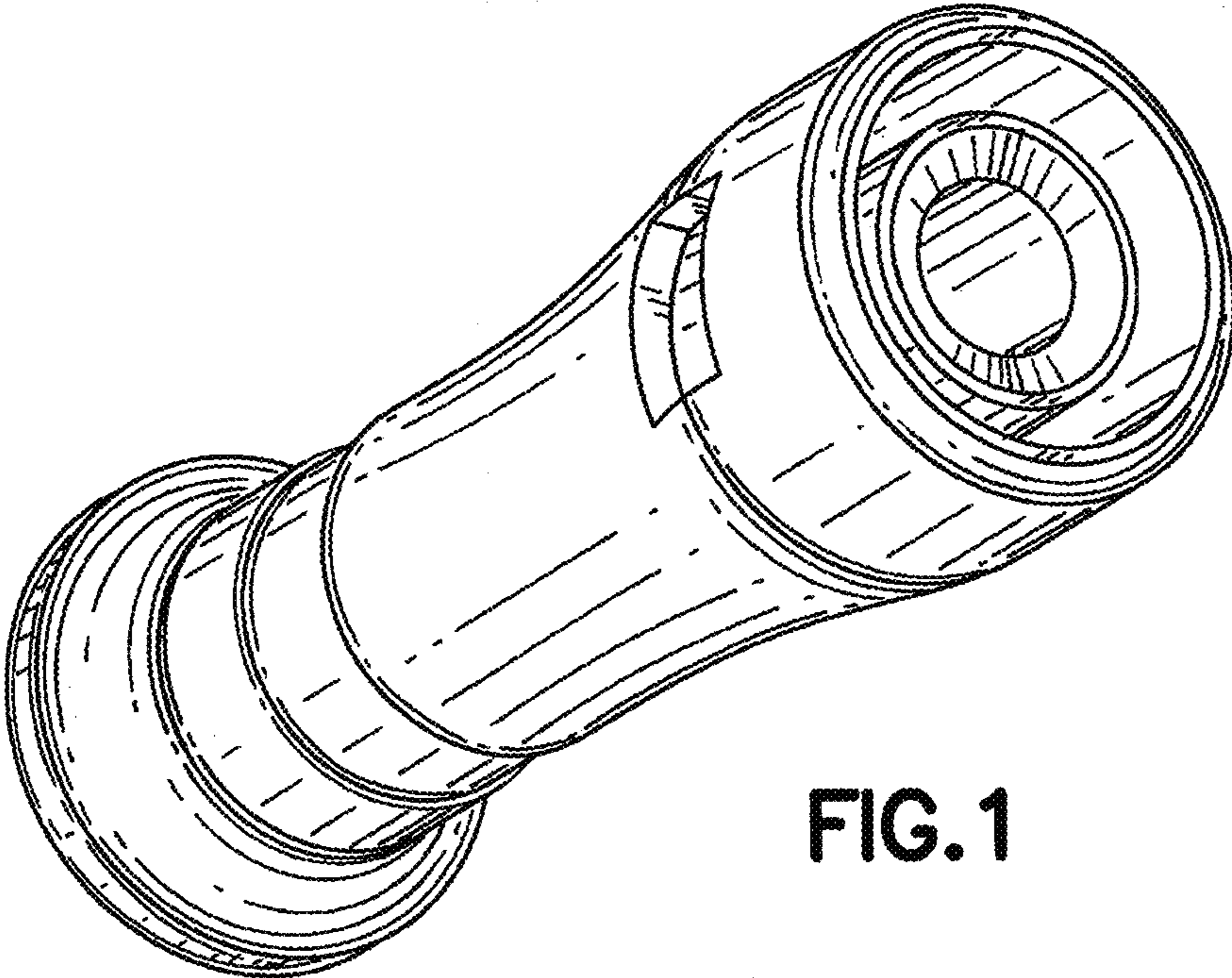


FIG. 1

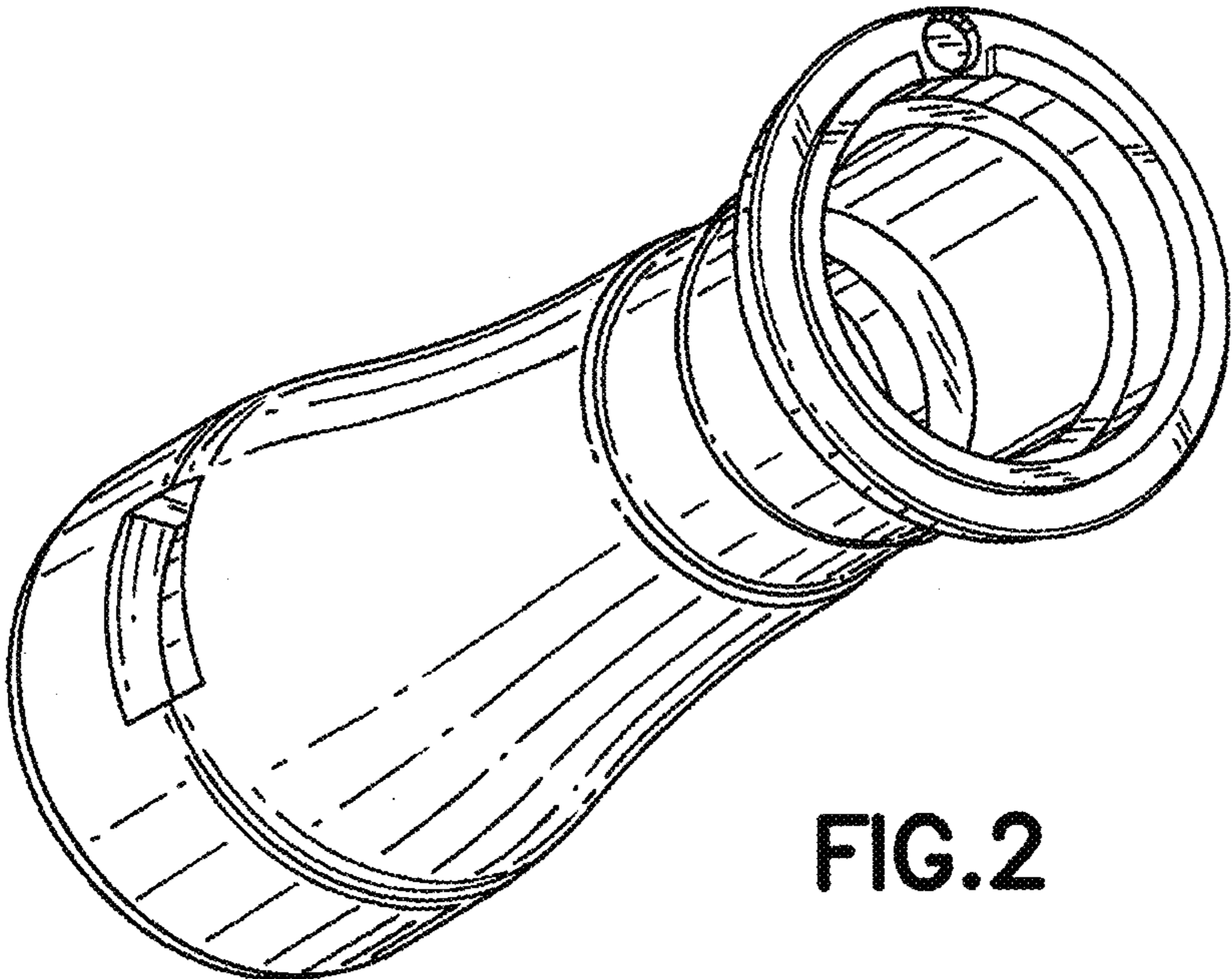


FIG. 2

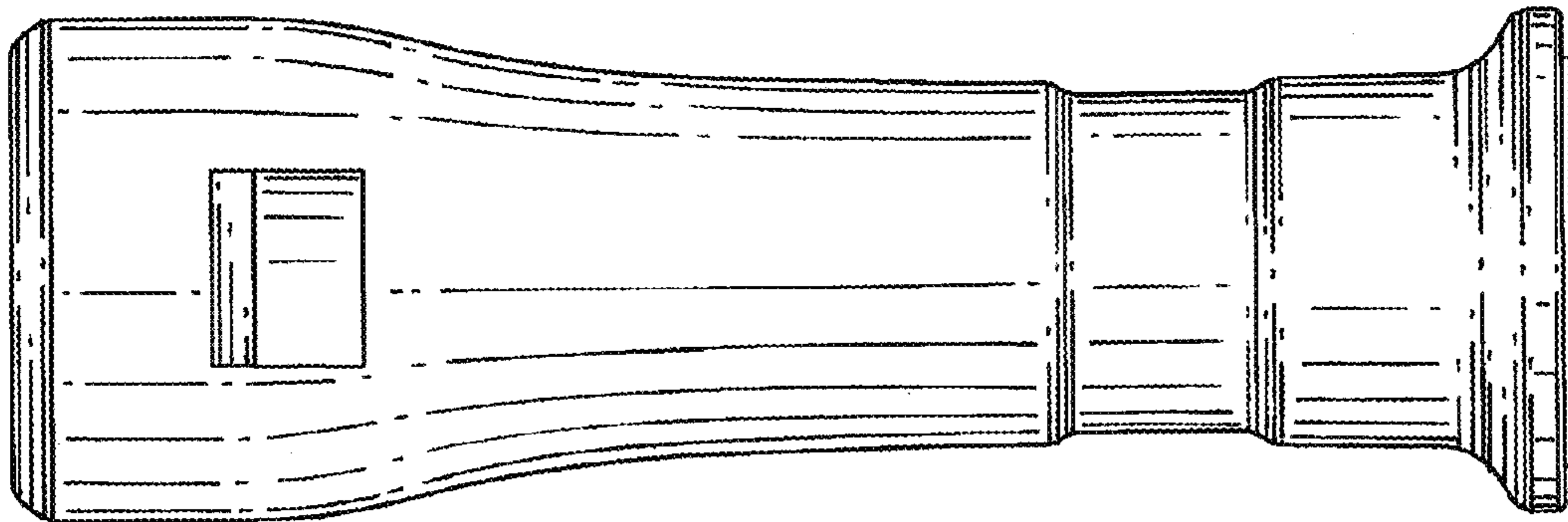


FIG. 3

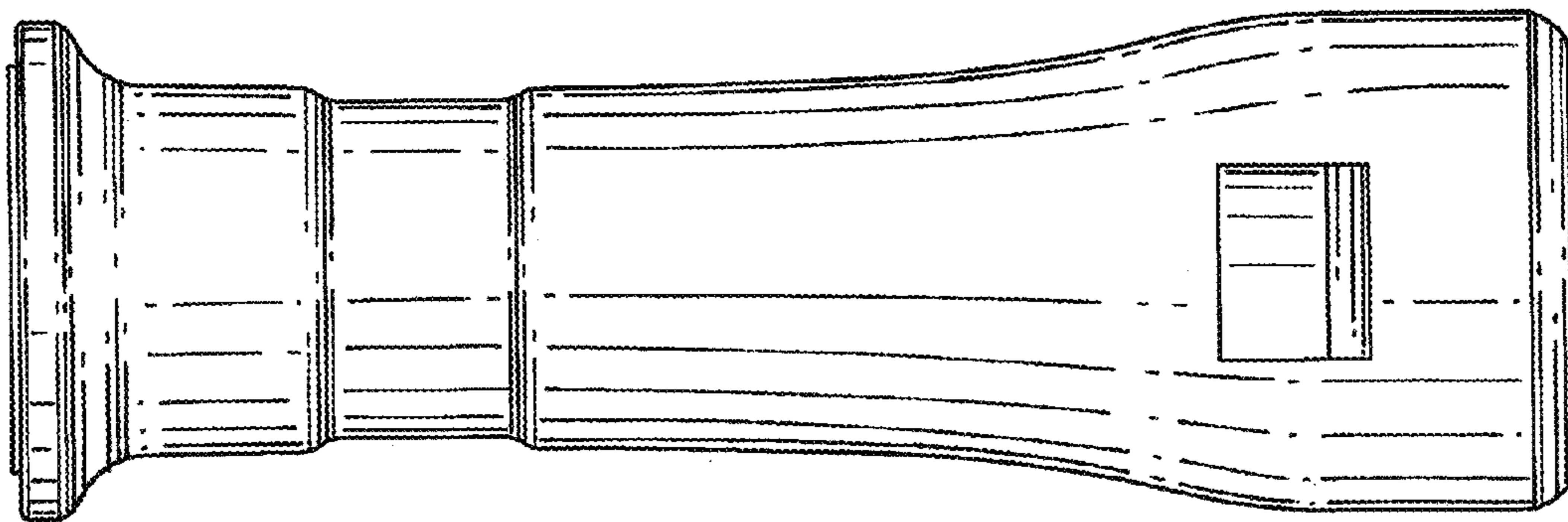


FIG. 4

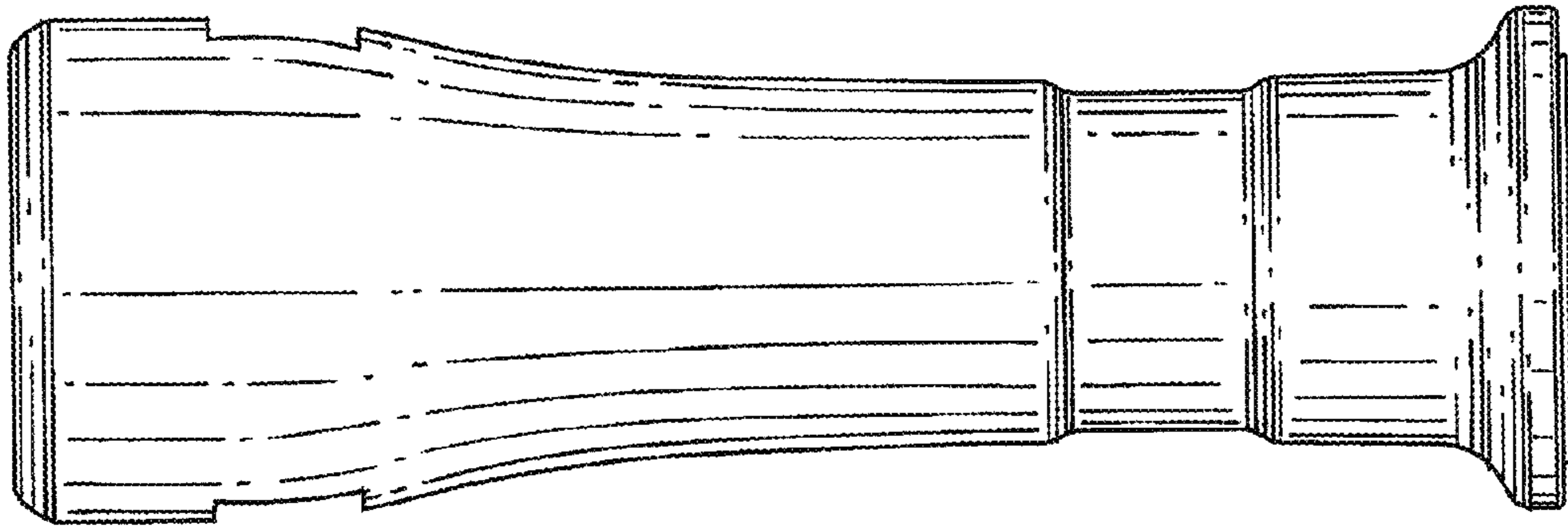


FIG. 5

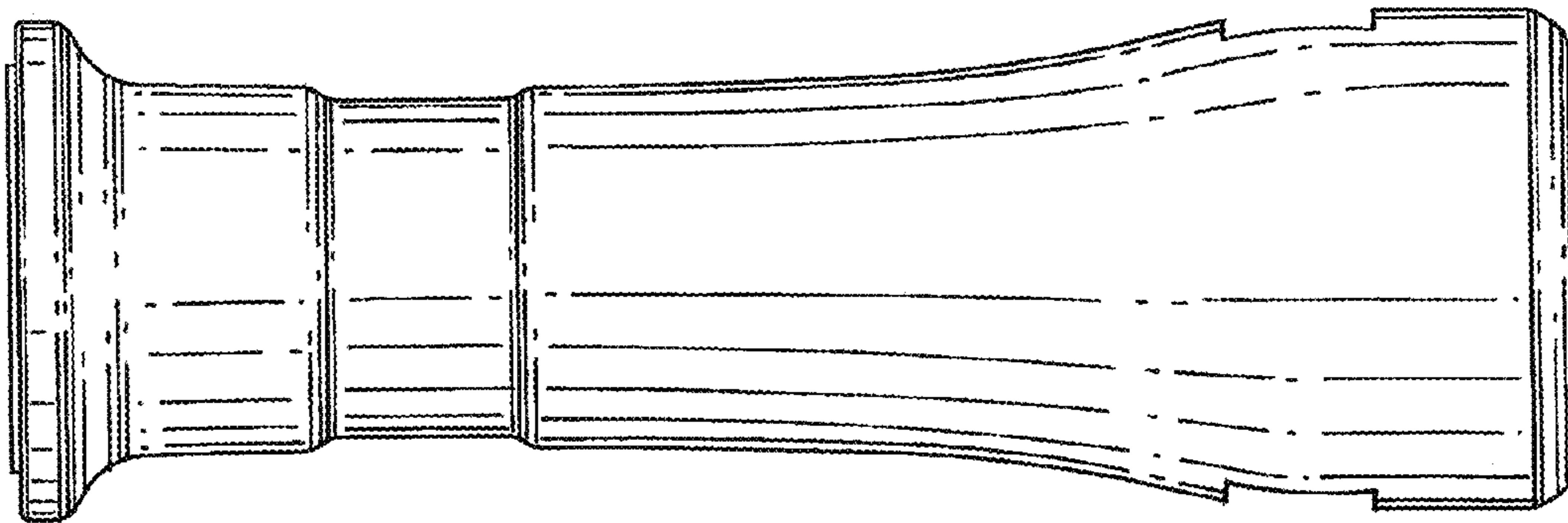


FIG. 6