



US00D791741S

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

(10) **Patent No.:** **US D791,741 S**

(45) **Date of Patent:** **\*\* Jul. 11, 2017**

(54) **RETRACTABLE EARBUDS**

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(\*\*) Term: **15 Years**

(21) Appl. No.: **29/540,026**

(22) Filed: **Sep. 20, 2015**

(51) **LOC (10) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/223**; D14/205

(58) **Field of Classification Search**  
USPC ..... D14/205, 223; D13/153, 154, 168;  
D8/358; 174/117 R; 181/129, 130, 135;  
379/430, 431; 381/380, 381, 370, 374,  
381/384; 455/569.1, 90.3, 575.1  
CPC ..... H04R 25/00; H04R 1/10; H04R 1/1033;  
H04R 5/033; H04R 5/0335; H04R 1/105  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 1,837,723 A \* 12/1931 McGraw ..... H01R 24/58  
264/262
- 3,657,491 A \* 4/1972 Ryder ..... H02G 11/02  
191/12.2 R
- 3,965,544 A \* 6/1976 Boden ..... F16G 11/00  
24/115 M
- 3,984,645 A \* 10/1976 Kresch ..... H04M 1/15  
379/430
- 4,942,617 A \* 7/1990 Boylan ..... H04M 1/05  
381/182
- 4,989,805 A \* 2/1991 Burke ..... B65H 75/44  
242/378.2
- 5,178,619 A \* 1/1993 Galazaka ..... A61B 18/14  
242/378.1
- 5,339,461 A \* 8/1994 Luplow ..... H04B 1/086  
242/385

- 5,422,957 A \* 6/1995 Cummins ..... B65H 75/4431  
381/384
- 5,684,883 A \* 11/1997 Chen ..... H02G 11/02  
381/370
- 5,732,898 A \* 3/1998 Odessky ..... B65H 75/4402  
191/12.2 R
- 5,832,098 A \* 11/1998 Chen ..... H04M 1/05  
381/370
- D449,974 S \* 11/2001 Stekelenburg ..... D8/358
- 6,434,249 B1 \* 8/2002 Wei ..... H02G 11/02  
242/400.1

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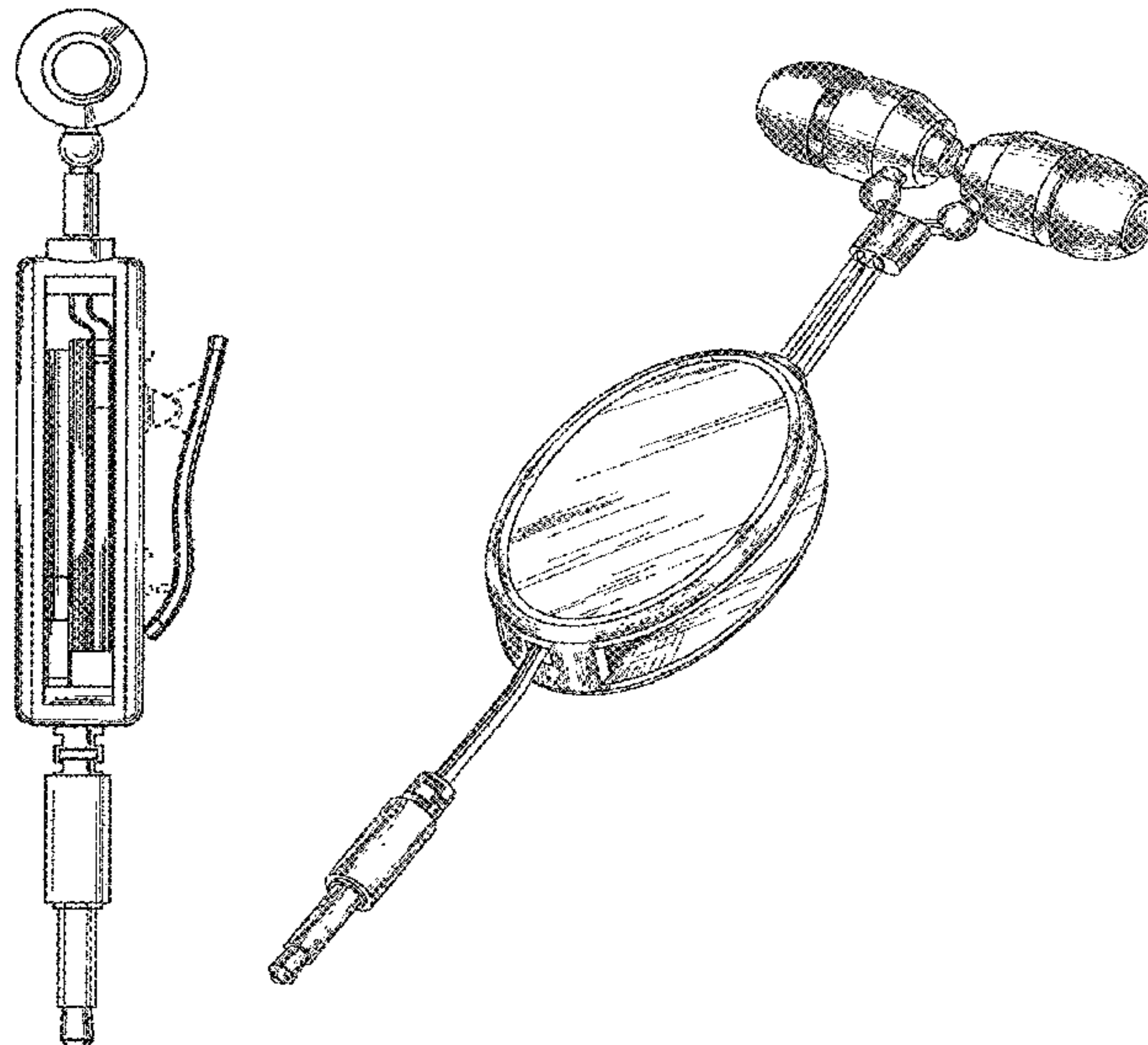
(57) **CLAIM**

An ornamental design for retractable earbuds, as shown and described.

**DESCRIPTION**

FIG. 1 is a TOP view of an embodiment of the present invention;  
 FIG. 2 is a BOTTOM view of an embodiment of the present invention;  
 FIG. 3 is a FRONT view of an embodiment of the present invention;  
 FIG. 4 is a BACK view of an embodiment of the present invention;  
 FIG. 5 is a SIDE view of an embodiment of the present invention;  
 FIG. 6 is a SIDE view of an embodiment of the present invention;  
 FIG. 7 is a PERSPECTIVE view of an embodiment of the present invention; and,  
 FIG. 8 is a PERSPECTIVE view of an embodiment of the present invention.  
 The broken lines depict environment that forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

6,438,248 B1 \* 8/2002 Kamimura ..... H04M 1/05  
381/374  
6,702,077 B2 \* 3/2004 Skowronski ..... H02G 11/02  
191/12.2 R  
D538,362 S \* 3/2007 Carroll ..... D21/724  
D566,107 S \* 4/2008 Bowling ..... D14/205  
D567,217 S \* 4/2008 Kamo ..... D14/205  
D569,841 S \* 5/2008 Chung ..... D14/205  
7,372,974 B2 \* 5/2008 Yanagishita ..... H04R 1/1033  
381/370  
D587,681 S \* 3/2009 Yanai ..... D14/205  
D594,441 S \* 6/2009 Lee ..... D14/205  
D598,894 S \* 8/2009 Masuda ..... D14/205  
D599,778 S \* 9/2009 Ando ..... D14/205  
D614,168 S \* 4/2010 Rogers ..... D14/206  
D627,764 S \* 11/2010 Tsai ..... D14/223  
D629,395 S \* 12/2010 Lee ..... D14/223  
D643,414 S \* 8/2011 Lee ..... D14/205  
8,218,808 B2 \* 7/2012 Xu ..... H04R 1/1033  
381/370  
D736,749 S \* 8/2015 Yasuda ..... D14/223  
D764,436 S \* 8/2016 Dryden ..... D14/205  
2002/0023814 A1 \* 2/2002 Poutiatine ..... H02G 11/02  
191/12.2 R  
2006/0214044 A1 \* 9/2006 Chiang ..... B65H 75/4434  
242/378

\* cited by examiner

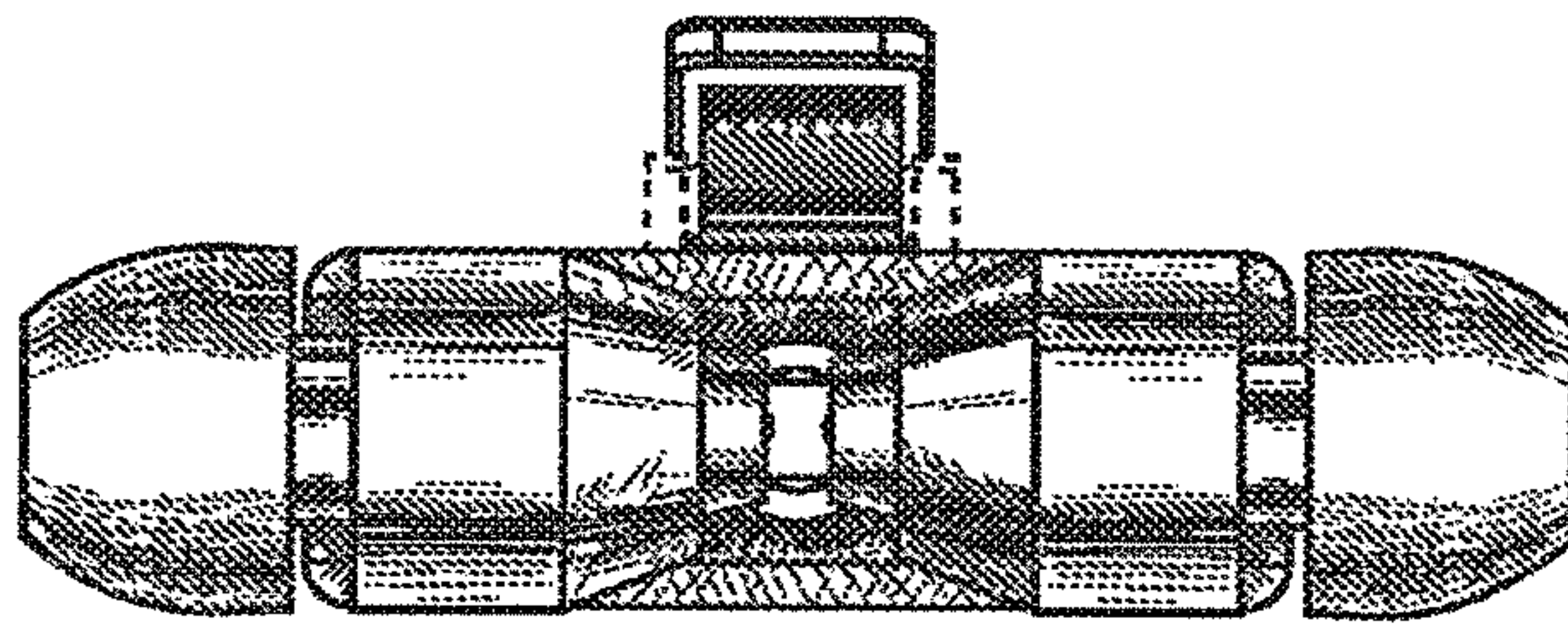


FIG 1

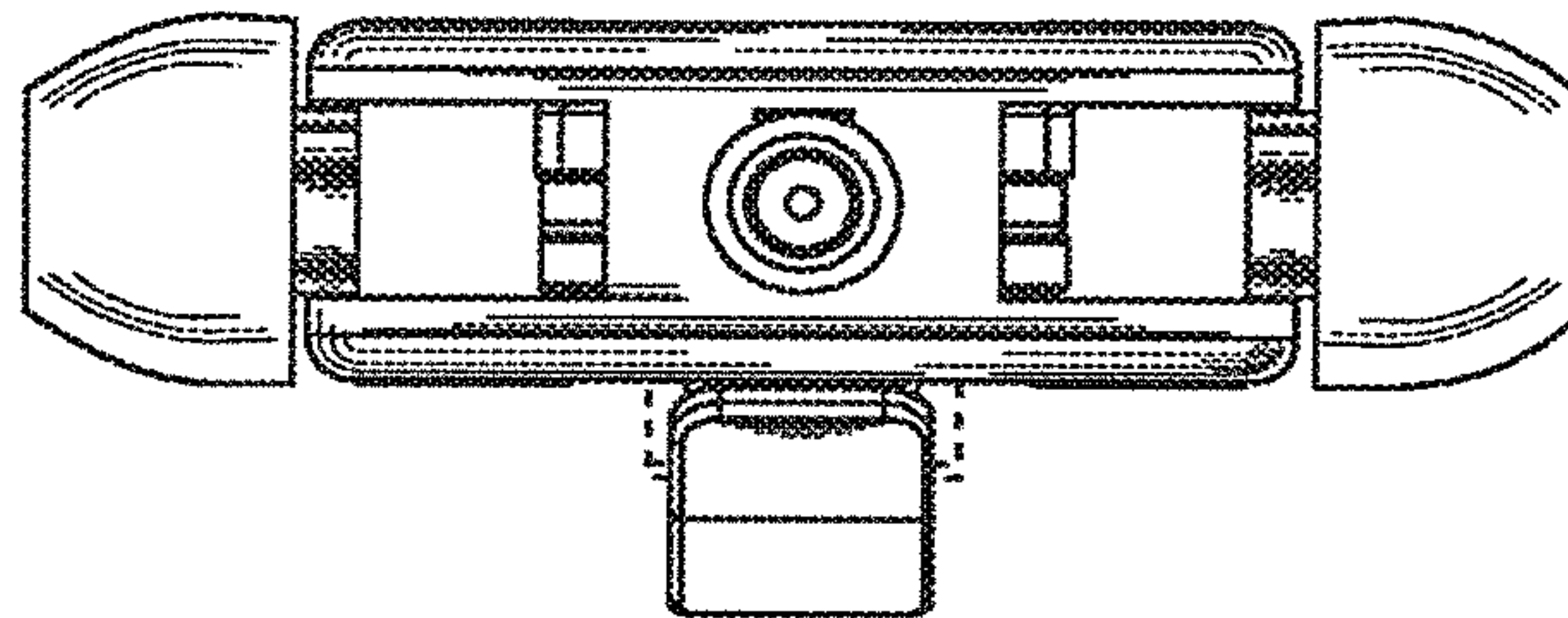


FIG 2

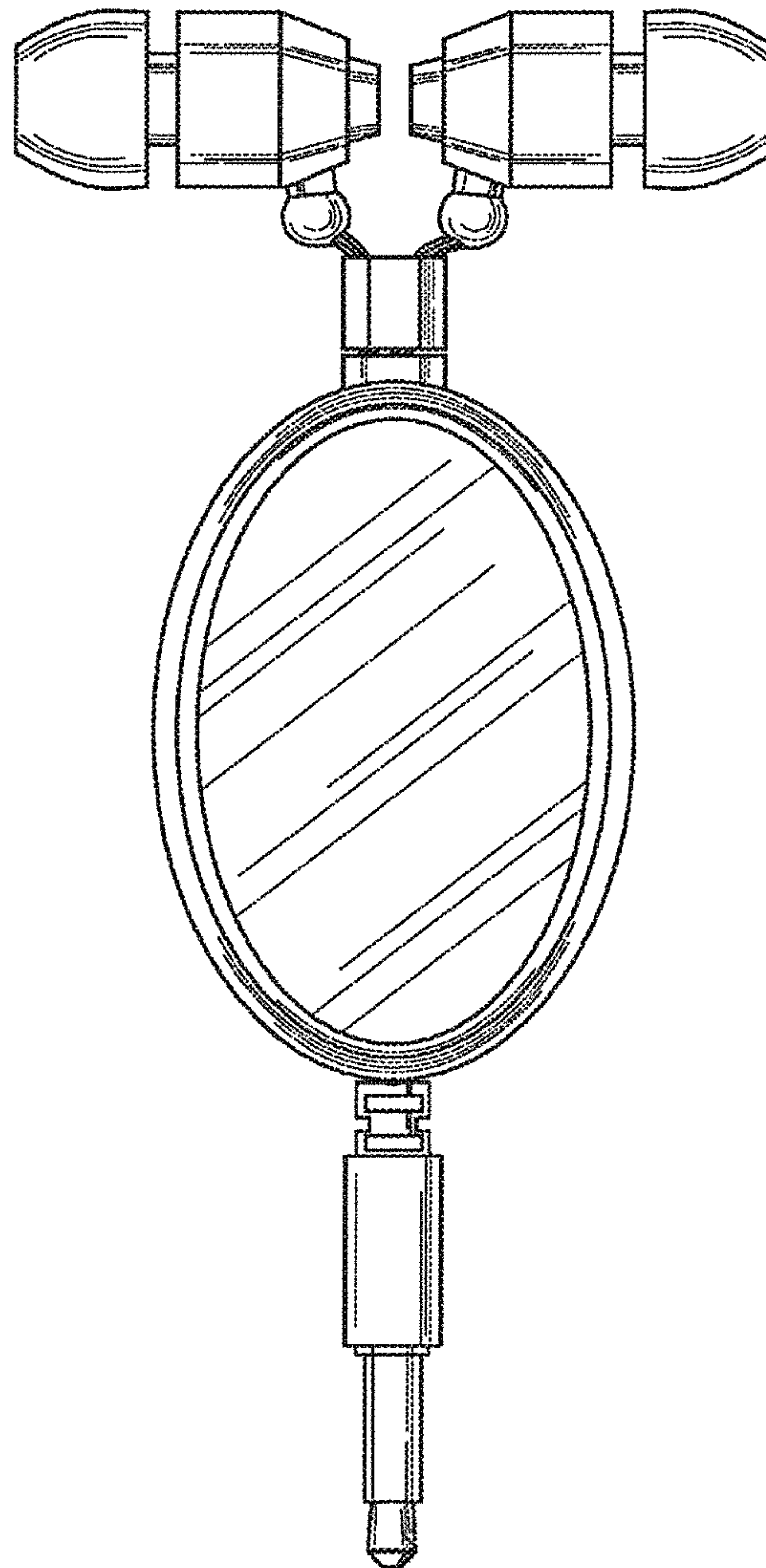


FIG 3



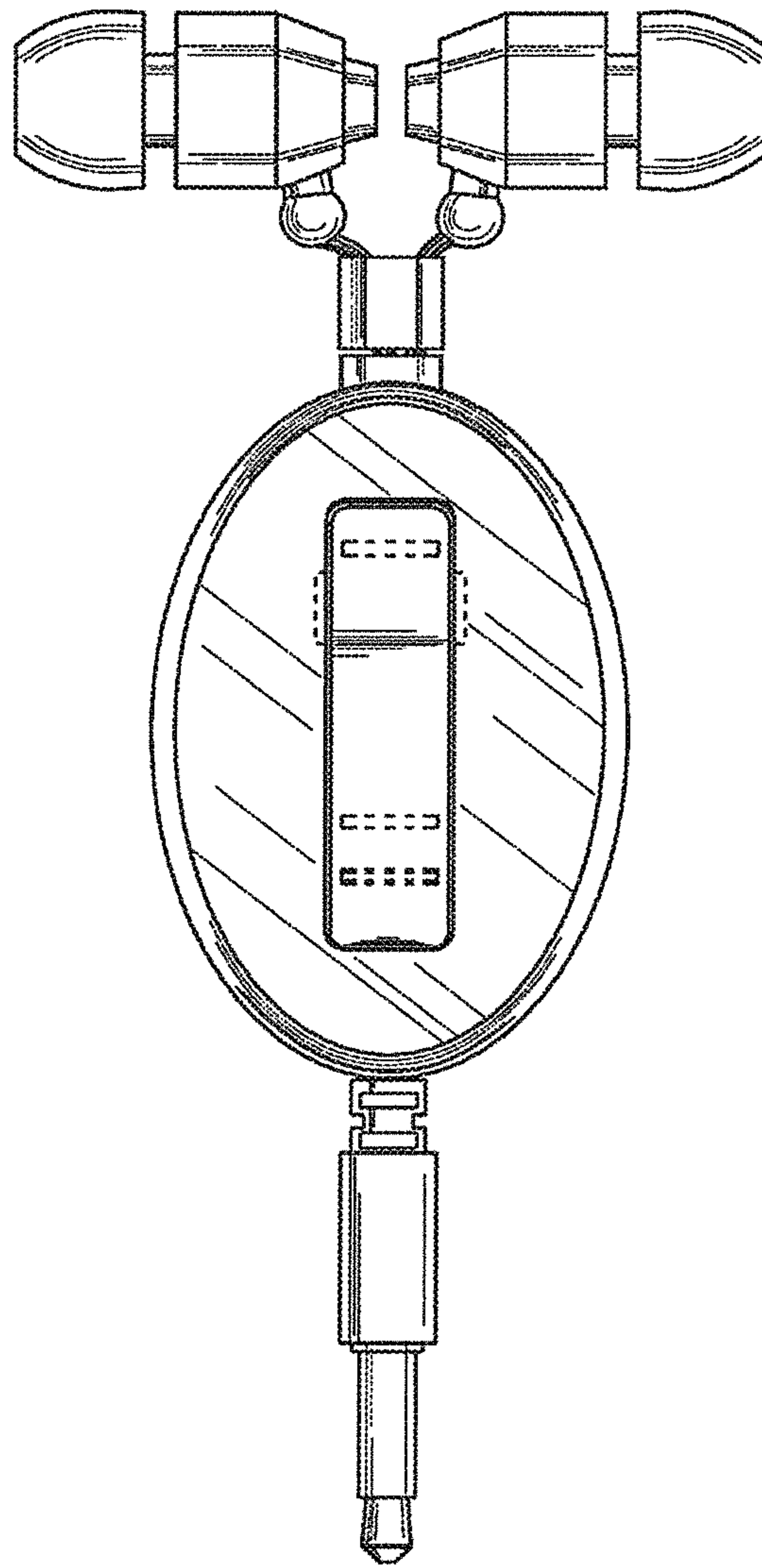


FIG 4

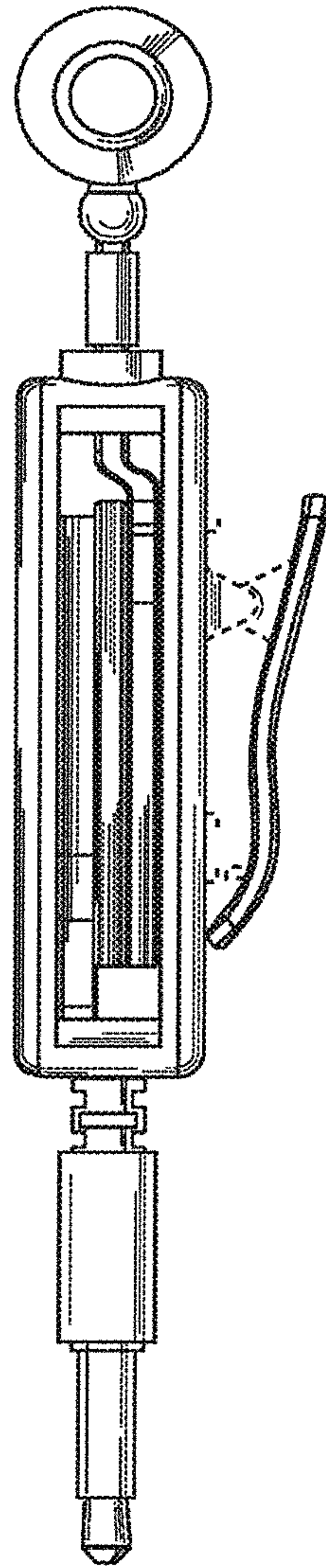


FIG 5

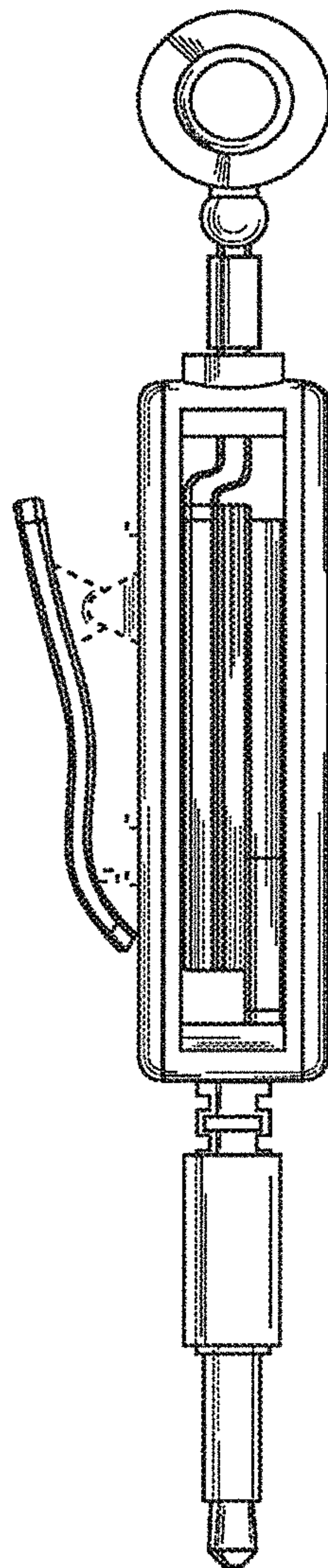


FIG 6

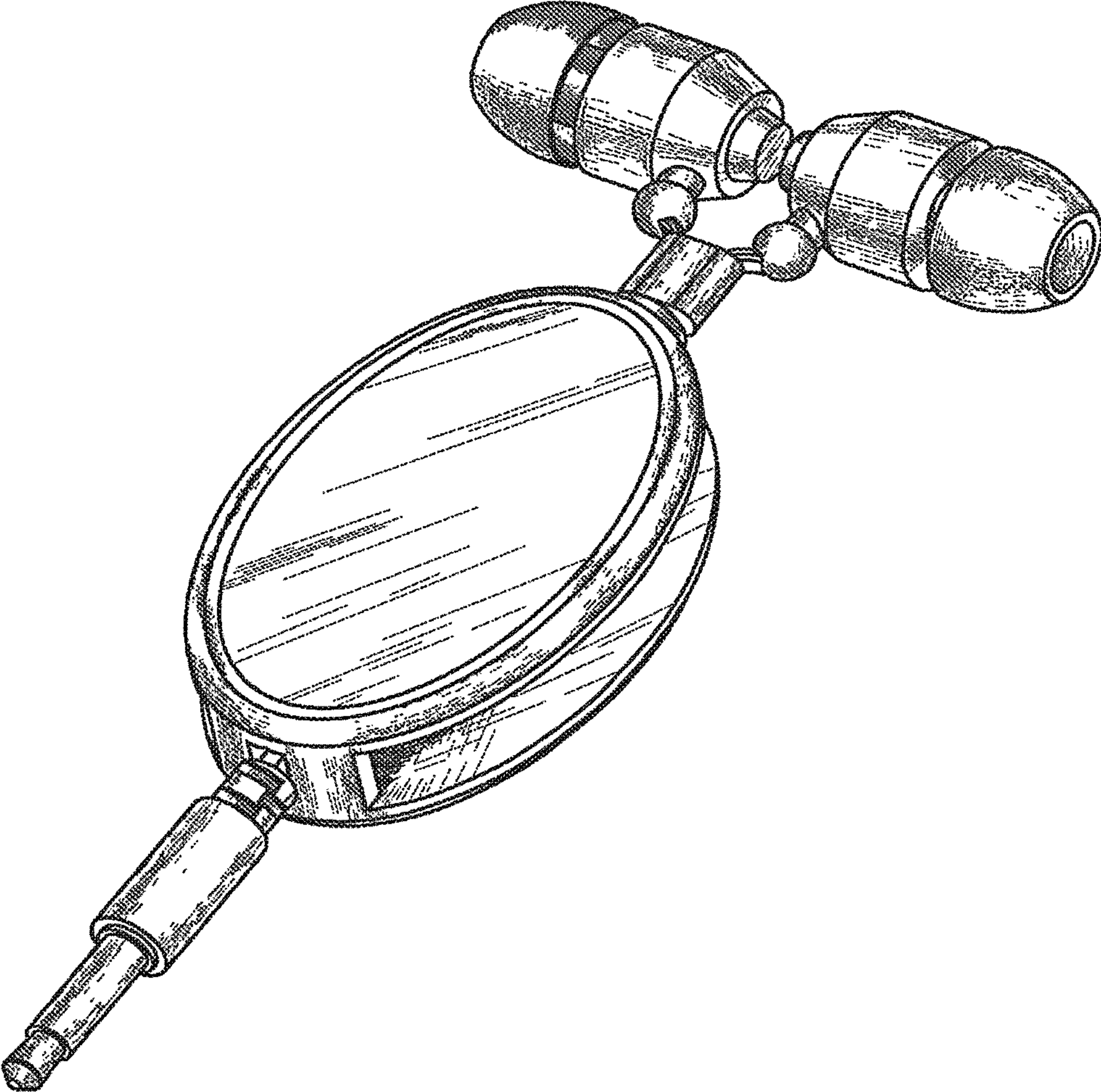


FIG 7



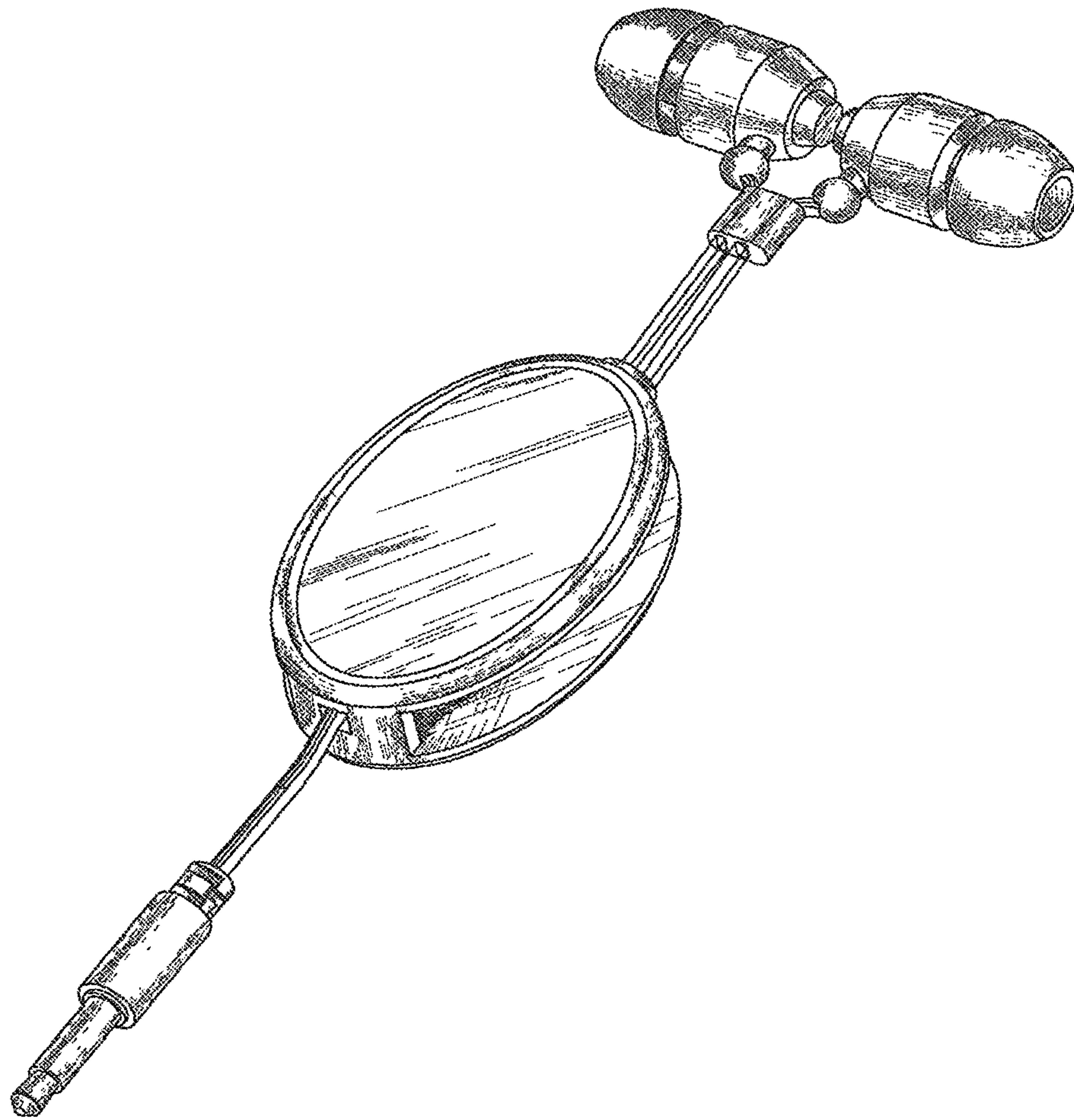


FIG 8