



US00D661364S

(12) **United States Design Patent**
Kenney et al.

(10) **Patent No.:** **US D661,364 S**
(45) **Date of Patent:** **** Jun. 5, 2012**

(54) **GAS BLOCK**

DESCRIPTION

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(73) Assignee: **RA Brands, L.L.C.**, Madison, NC (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/364,276**

(22) Filed: **Jun. 21, 2010**

(51) **LOC (9) Cl.** **22-01**

(52) **U.S. Cl.** **D22/108**

(58) **Field of Classification Search** D22/108;
89/17, 19, 20.2, 21, 191.01, 191.02, 192;
42/16-19

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,996,124 A 4/1935 Rowley
(Continued)

FOREIGN PATENT DOCUMENTS

DE 41 36 665 A1 5/1993
(Continued)

OTHER PUBLICATIONS

DS Arms, Inc.; "Austrian Gas Plug Release Lever Kit with Washer";
<http://www.dsarms.com/austrian-gas-plug-release-lever-kit-with-washer--009B/productinfo/009B/>.

(Continued)

Primary Examiner — Michael Pratt

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(57) **CLAIM**

The ornamental design for a gas block, as shown and described.

FIG. 1 is an isometric view of a cam-lever bail, a gas plug, and a gas block with the cam lever bail in an upwardly-rotated position relative to the gas block according to the design.

FIG. 2 is a top view of the cam lever bail, gas plug, and gas block of FIG. 1.

FIG. 3 is a bottom view of the cam lever bail, gas plug, and gas block of FIG. 1.

FIG. 4 is a first side view of the cam lever bail, gas plug, and gas block of FIG. 1.

FIG. 5 is a second side view of the cam lever bail, gas plug, and gas block of FIG. 1.

FIG. 6 is a rear view of the cam lever bail, gas plug, and gas block of FIG. 1.

FIG. 7 is a front view of the cam lever bail, gas plug, and gas block of FIG. 1.

FIG. 8 is an isometric view of a cam-lever bail, a gas plug, and a gas block with the cam lever bail in a downwardly-rotated position relative to the gas block.

FIG. 9 is a top view of the cam lever bail, gas plug, and gas block of FIG. 8.

FIG. 10 is a bottom view of the cam lever bail, gas plug, and gas block of FIG. 8.

FIG. 11 is a first side view of the cam lever bail, gas plug, and gas block of FIG. 8.

FIG. 12 is a second side view of the cam lever bail, gas plug, and gas block of FIG. 8.

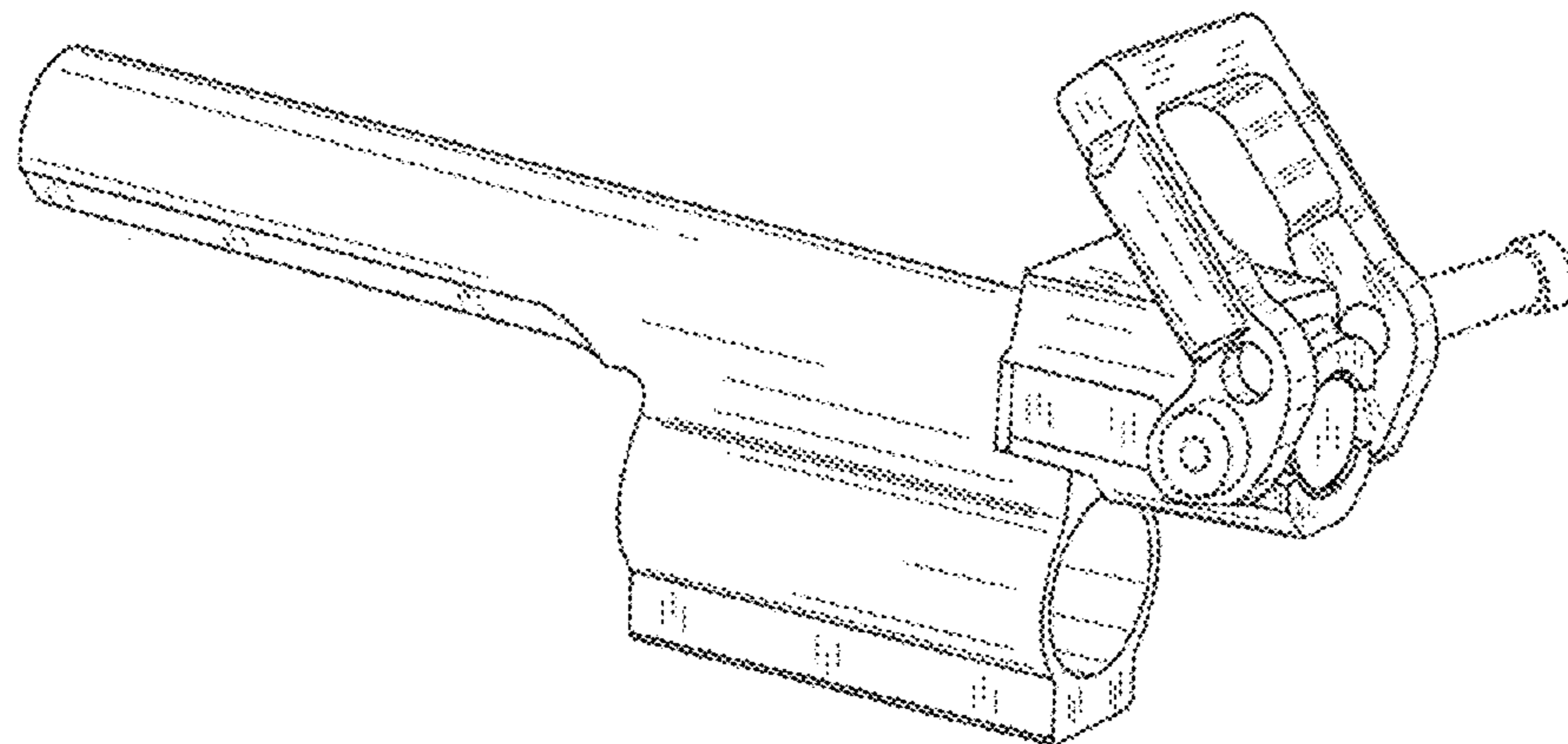
FIG. 13 is a rear view of the cam lever bail, gas plug, and gas block of FIG. 8; and,

FIG. 14 is a front view of the cam lever bail, gas plug, and gas block of FIG. 8.

In FIGS. 1-14, the broken line showing of the retaining pins is for illustrative purpose only and forms no part of the claimed design.

In FIGS. 6 and 13, the broken line showing of the two concentric circular elements separated by a flat circular region form is for illustrative purpose only and forms no part of the claimed design.

1 Claim, 12 Drawing Sheets



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U.S. PATENT DOCUMENTS

2,093,706 A 9/1937 Browning
 2,186,582 A 1/1940 Gebauer
 2,456,290 A 12/1948 Ljutic
 2,554,618 A 5/1951 Dixon
 2,637,247 A 5/1953 Hester
 2,887,013 A 5/1959 Marsh
 2,918,848 A 12/1959 Maillard
 2,987,968 A 6/1961 Janson
 3,207,036 A 9/1965 Norton
 3,306,168 A 2/1967 Blumrick
 3,443,477 A 5/1969 Kaempf
 3,444,641 A 5/1969 Ruger
 3,592,101 A 7/1971 Vartanian et al.
 3,680,434 A 8/1972 Muhlemann
 3,690,219 A 9/1972 Muhlemann et al.
 3,707,110 A 12/1972 Alday
 3,709,092 A 1/1973 Tazome
 3,776,096 A 12/1973 Donovan
 3,810,412 A 5/1974 Zamacola
 3,945,296 A 3/1976 Hyytinen
 3,988,964 A 11/1976 Moore
 3,990,348 A 11/1976 Vesamaa
 3,999,534 A 12/1976 Champin et al.
 4,014,247 A 3/1977 Tollinger
 4,015,512 A 4/1977 Feerick
 4,058,922 A 11/1977 Elbe et al.
 4,085,654 A 4/1978 Panigoni
 4,102,242 A 7/1978 Liedke
 4,102,243 A 7/1978 Jennie
 4,109,558 A 8/1978 Panigoni
 4,125,054 A 11/1978 Jennie
 4,126,077 A 11/1978 Quesnel
 4,324,170 A 4/1982 Healy
 4,373,423 A 2/1983 Moore
 4,389,920 A 6/1983 Dufour, Sr.
 4,395,838 A 8/1983 Civolani
 4,395,938 A 8/1983 Curtis
 4,409,883 A 10/1983 Nyst
 4,414,880 A 11/1983 Throner et al.
 4,475,438 A 10/1984 Sullivan
 4,505,183 A 3/1985 Grehl
 4,538,502 A 9/1985 Benelli
 4,563,937 A 1/1986 White
 4,599,934 A 7/1986 Palmer
 4,604,942 A 8/1986 Benelli
 4,702,146 A 10/1987 Ikeda et al.
 4,709,617 A 12/1987 Anderson
 4,765,224 A 8/1988 Morris
 4,872,392 A 10/1989 Powers et al.
 4,901,623 A 2/1990 Lee
 5,173,564 A 12/1992 Hammond, Jr.
 5,218,163 A 6/1993 Dabrowski
 5,272,956 A 12/1993 Hudson
 5,274,939 A 1/1994 Scaramucci et al.
 5,276,988 A 1/1994 Swan
 5,279,202 A 1/1994 Bellardi et al.
 5,287,642 A 2/1994 Scaramucci
 5,351,598 A 10/1994 Schuetz
 5,404,790 A 4/1995 Averbukh
 5,448,940 A 9/1995 Schuetz et al.
 5,499,569 A 3/1996 Schuetz
 5,520,019 A 5/1996 Schuetz
 5,726,377 A 3/1998 Harris et al.
 5,737,865 A 4/1998 Brandl et al.
 5,767,434 A 6/1998 Hirtl et al.
 5,824,943 A 10/1998 Guhring et al.
 5,827,992 A 10/1998 Harris et al.
 5,872,323 A 2/1999 Norton et al.
 5,937,558 A 8/1999 Gerard
 5,939,659 A 8/1999 Dobbins
 5,959,234 A 9/1999 Scaramucci et al.
 5,983,549 A 11/1999 Battaglia
 6,029,645 A 2/2000 Wonisch et al.
 6,243,978 B1 6/2001 Vignaroli et al.
 6,374,528 B1 4/2002 Davis et al.
 6,374,720 B1 4/2002 Tedde
 6,382,073 B1 5/2002 Beretta
 6,442,883 B1 9/2002 Waterman et al.

6,508,160 B2 1/2003 Beretta
 6,604,311 B1 8/2003 Laney et al.
 6,619,592 B2 9/2003 Vignaroli et al.
 6,662,485 B2 12/2003 Kay
 6,772,548 B1 8/2004 Power
 6,834,455 B2 12/2004 Burigana
 6,848,351 B1 2/2005 Davies
 6,886,286 B2 5/2005 Dowding
 6,889,461 B2 5/2005 Vignaroli et al.
 6,907,814 B2 6/2005 Spinner et al.
 6,971,202 B2 12/2005 Bender
 7,107,715 B2 9/2006 Keeney et al.
 7,162,822 B1 1/2007 Heayn et al.
 7,162,823 B2 1/2007 Schoppmann et al.
 7,252,138 B2 8/2007 Burkhalter et al.
 7,311,032 B2 12/2007 Murello
 7,343,844 B2 3/2008 Poff, Jr.
 7,418,898 B1 9/2008 Desomma
 7,448,307 B1 11/2008 Dafinov
 7,461,581 B2 12/2008 Leitner-Wise
 7,467,581 B2 12/2008 Botty
 7,469,624 B1 12/2008 Adams
 D627,849 S * 11/2010 Keller D22/108
 D636,047 S * 4/2011 Larson et al. D22/108
 2001/0054350 A1 12/2001 Beretta
 2002/0073832 A1 6/2002 Vignaroli et al.
 2002/0096042 A1 7/2002 Adkins
 2002/0139362 A1 10/2002 Shipachev et al.
 2004/0025393 A1 * 2/2004 Reynolds 42/17
 2005/0016374 A1 1/2005 Pescini
 2005/0115398 A1 6/2005 Olson
 2005/0223613 A1 10/2005 Bender
 2005/0235817 A1 10/2005 Murello
 2005/0257681 A1 11/2005 Keeney et al.
 2005/0268516 A1 12/2005 Nelson
 2006/0026883 A1 2/2006 Hochstrate et al.
 2006/0048426 A1 * 3/2006 Crandall 42/69.01
 2006/0065112 A1 3/2006 Kuczynko et al.
 2006/0283318 A1 * 12/2006 Beaty 89/193
 2007/0012169 A1 1/2007 Gussaili
 2007/0199435 A1 8/2007 Hochstrate et al.
 2008/0276797 A1 11/2008 Leitner-Wise
 2008/0307954 A1 12/2008 Fluhr et al.
 2009/0223357 A1 9/2009 Herring
 2009/0241400 A1 * 10/2009 Stumpp 42/140
 2010/0101405 A1 * 4/2010 Adams 89/191.01

FOREIGN PATENT DOCUMENTS

EP 0 288 244 A 10/1988
 EP 1 215 464 6/2002
 EP 1 624 275 2/2006
 FR 2 686 152 7/1993
 GB 214505 A 4/1924
 GB 525429 8/1940
 GB 2 089 949 A 6/1982
 RU 2279028 C1 6/2006
 WO WO 2003/076863 A1 9/2003
 WO WO 2007/122626 11/2007
 WO WO-2009/061546 5/2009
 WO WO-2008/108786 9/2009

OTHER PUBLICATIONS

Alpharubicon.com; "FAL/L1A1"; <http://www.alpharubicon.com/leo/fal.htm>.
 Alpharubicon.com; "Fieldstripping and Cleaning the FAL Variant"; <http://www.alpharubicon.com/leo/falstripping.htm>.
 MilitaryMorons.com; "Primary Weapon Systems AR15 Piston Conversion"; <http://www.militarymorons.com/weapons/ar.uppers2.html>.
 Dynamic Armament Inc.; "POF USA Piston Rifle System 16" Fluted Barrel"; <http://dynamicarmament.com/items/ar-15~ar-10-rifles/pof-usa-rifles/pof-usa-p-9x-piston-rifle-system-16-fluted-barrel-pof-usa-p-9x-rifle-detail.htm>.
 Big Sky Guns LLC; "DPMS LR308, 24" Stainless Steel Fluted Barrel—308 Win Rifles by . . ."; http://www.bigskyguns.com/308-Win_Rifles-DPMS_LR308_24_Stainless_Steel_Fluted_Barrel.htm.

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International Search Report for Application No. PCT/IL2007/000515, mailed Sep. 28, 2007.

Written Opinion for Application No. PCT/IL2007/000515, mailed Sep. 28, 2007.

International Search Report for Application No. PCT/US2007/012364, mailed Oct. 27, 2003.

Written Opinion for Application No. PCT/US2007/012364, mailed Oct. 27, 2003.

International Search Report for Application No. PCT/US2008/074601, mailed Jul. 21, 2009.

Written Opinion for Application No. PCT/US2008/074601, mailed Jul. 21, 2009.

* cited by examiner

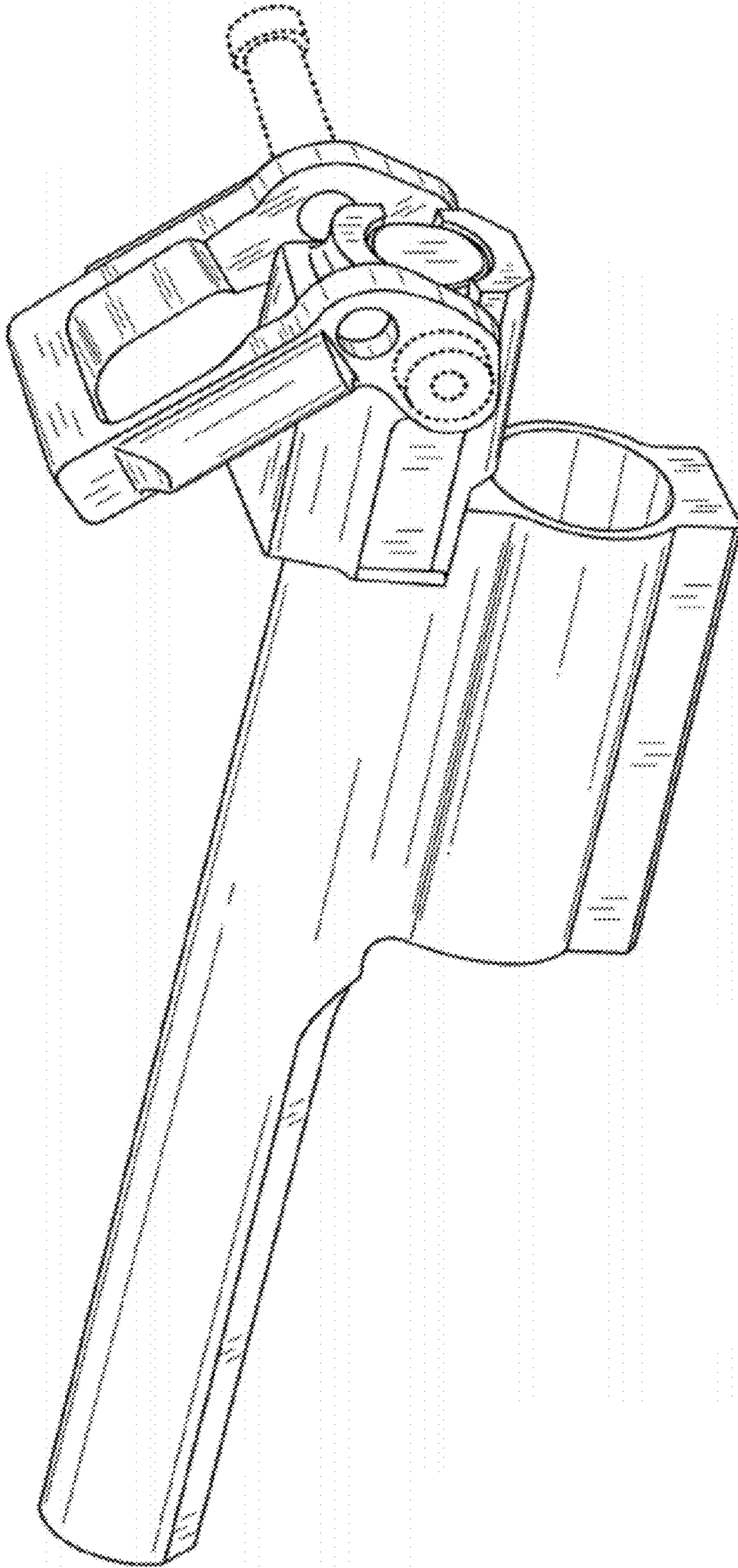


FIG. 1

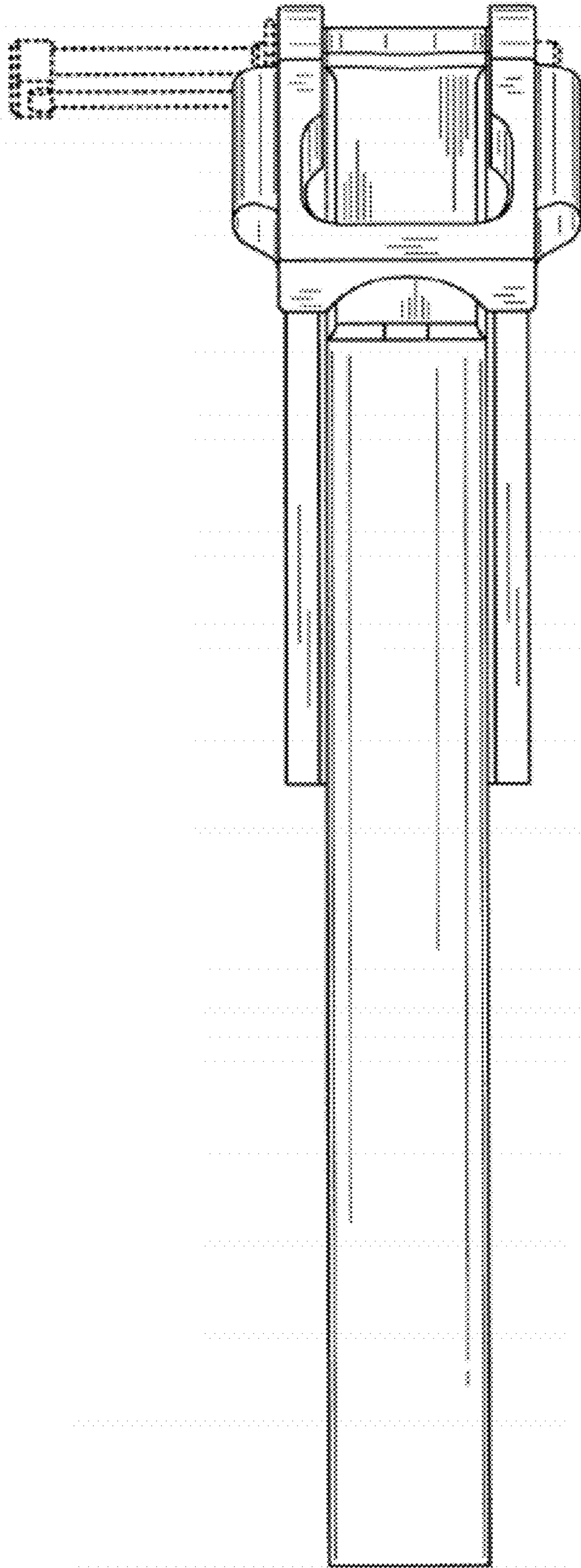


FIG. 2

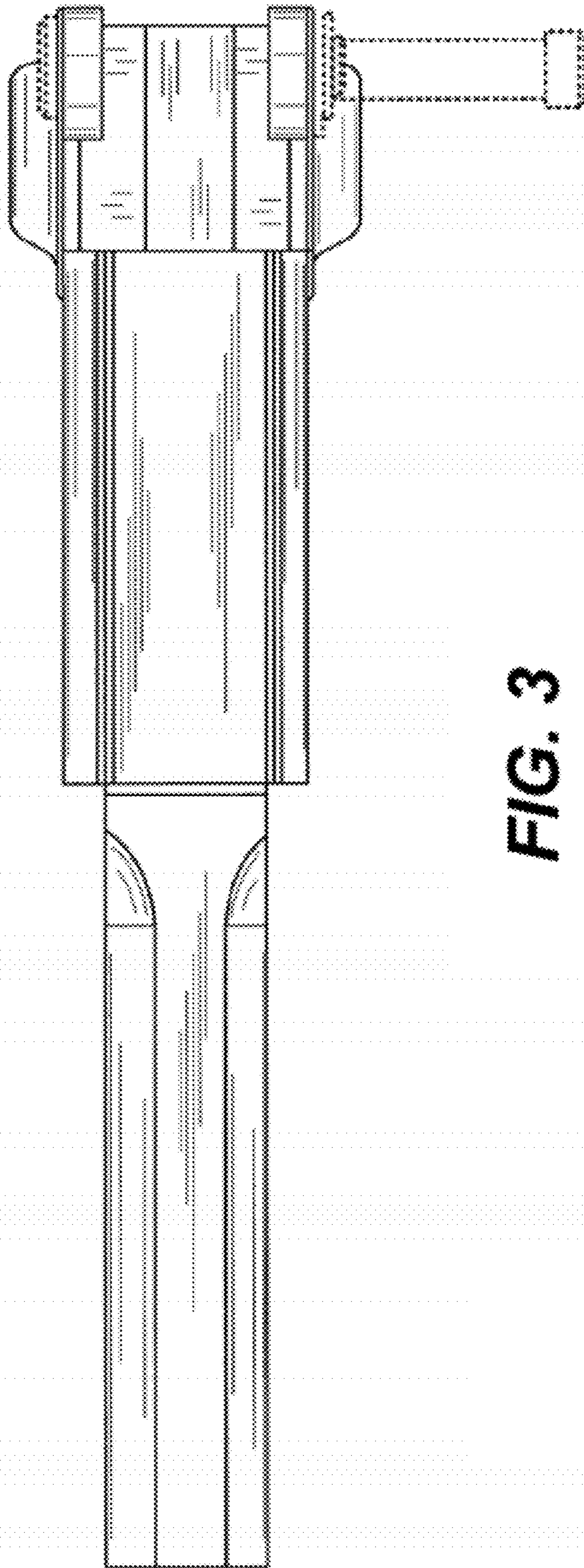


FIG. 3

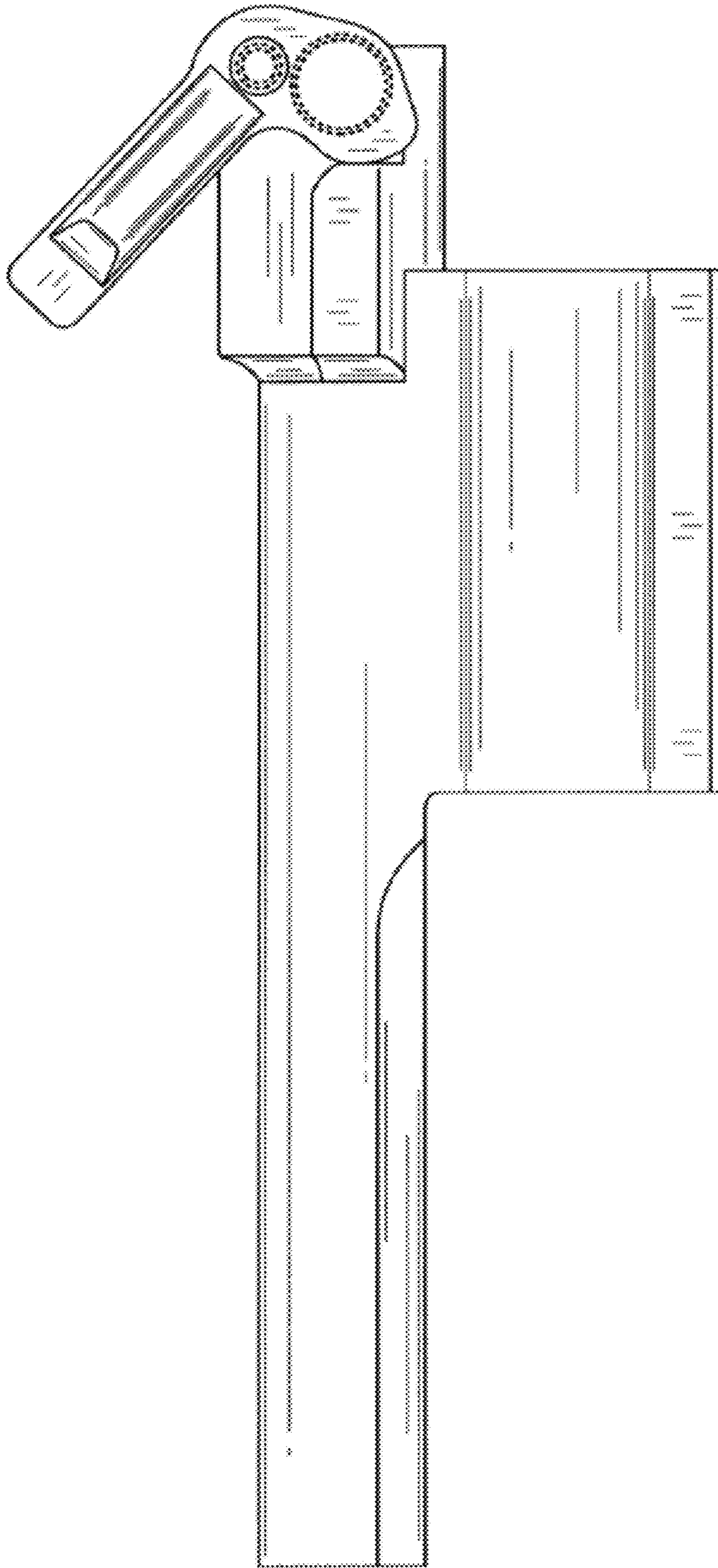


FIG. 4

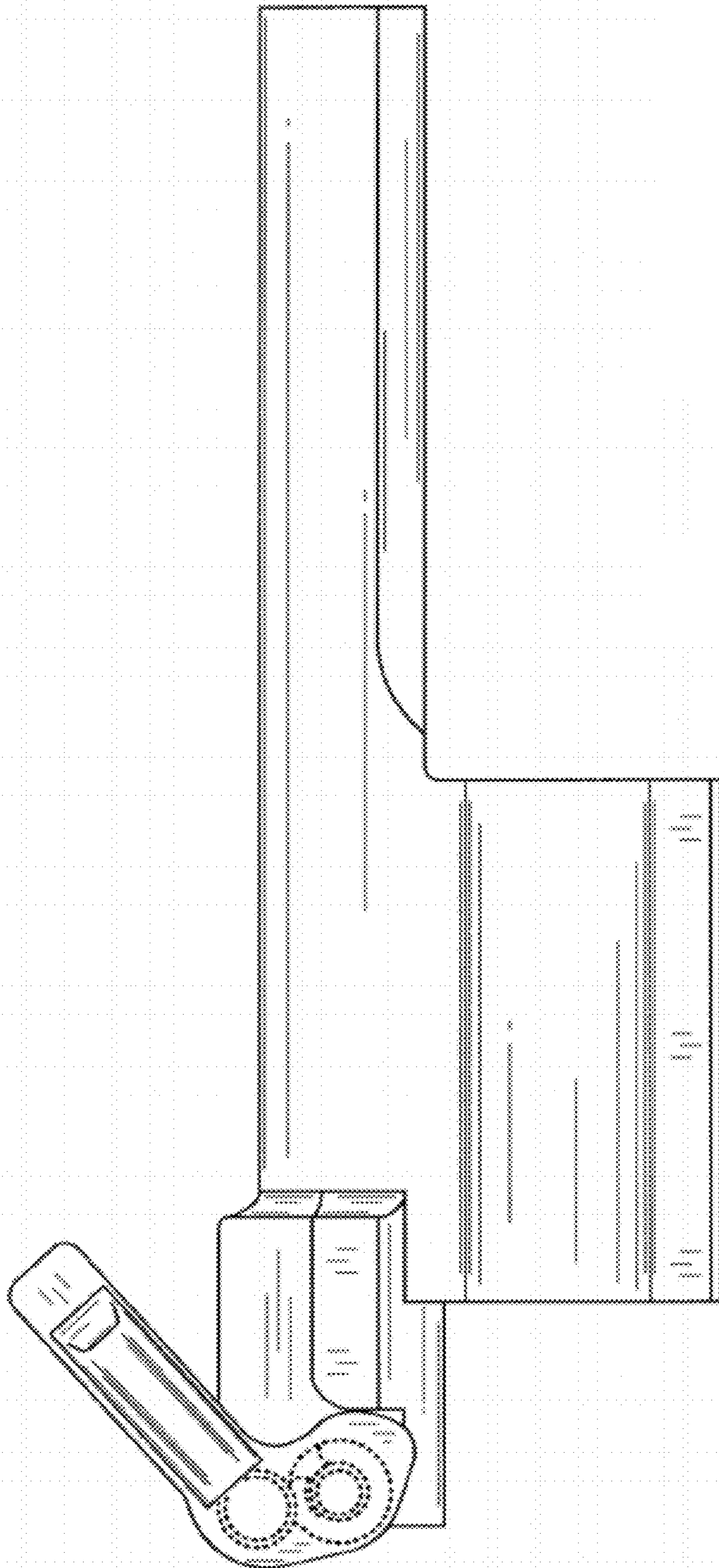


FIG. 5

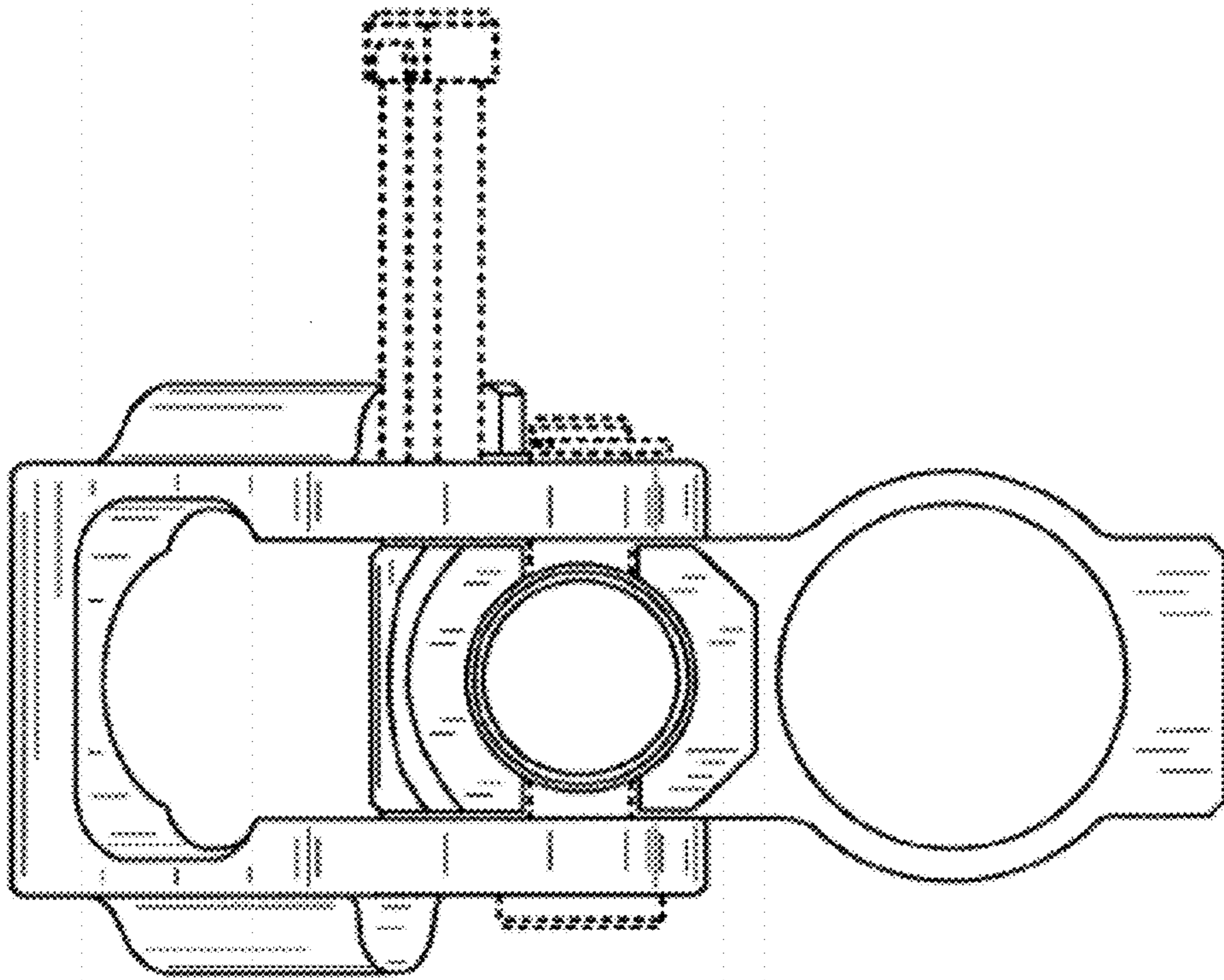


FIG. 7

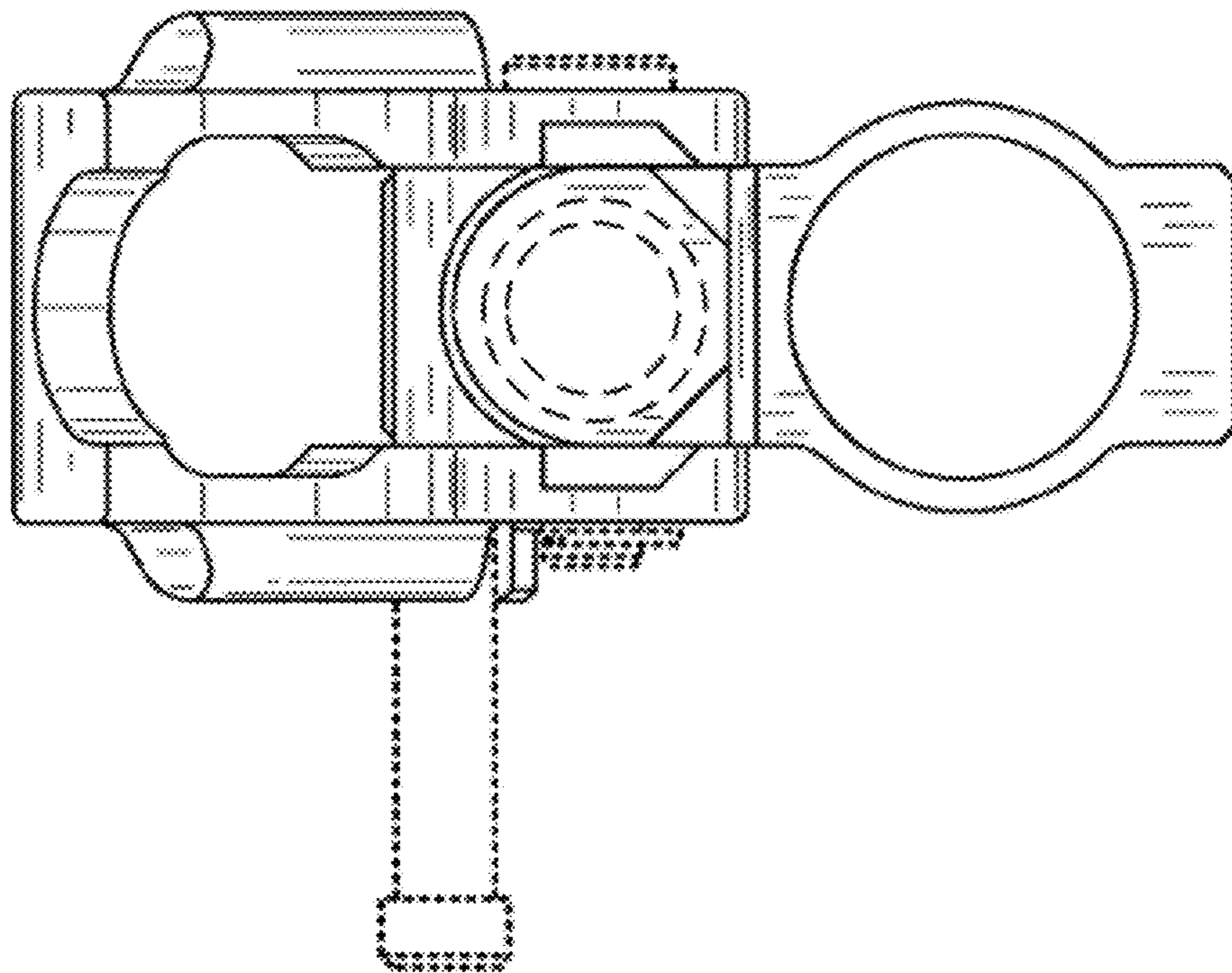


FIG. 6

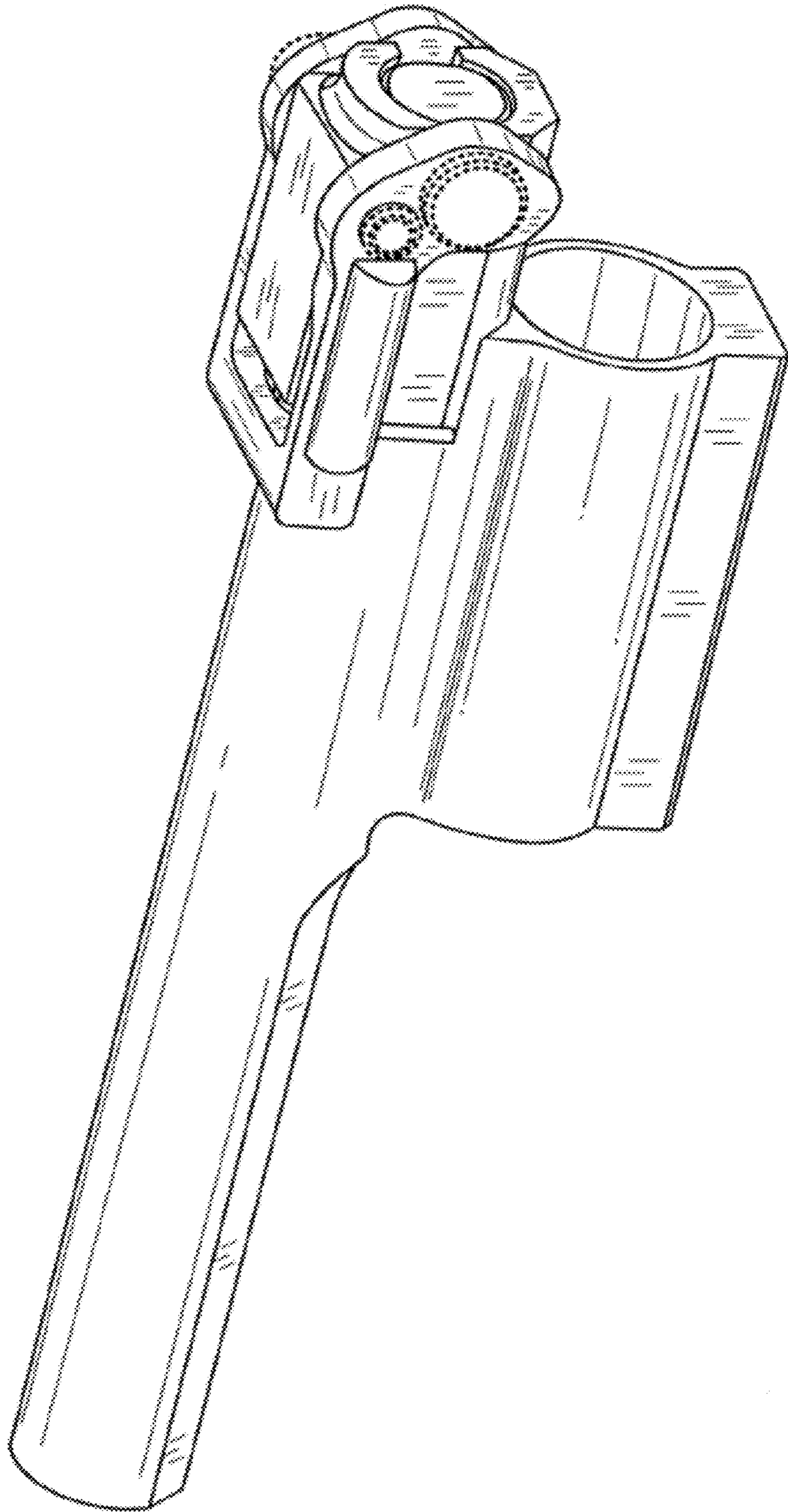


FIG. 8

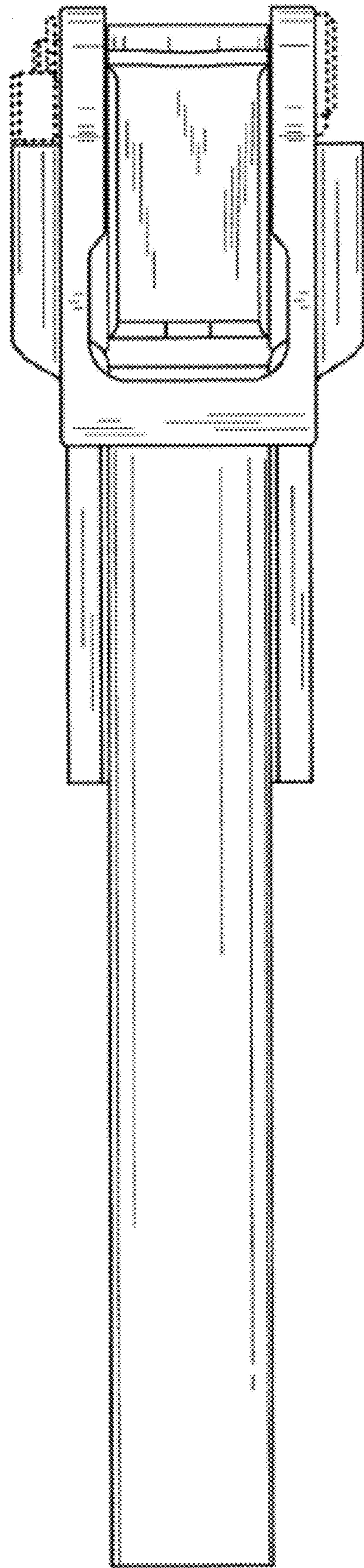


FIG. 9

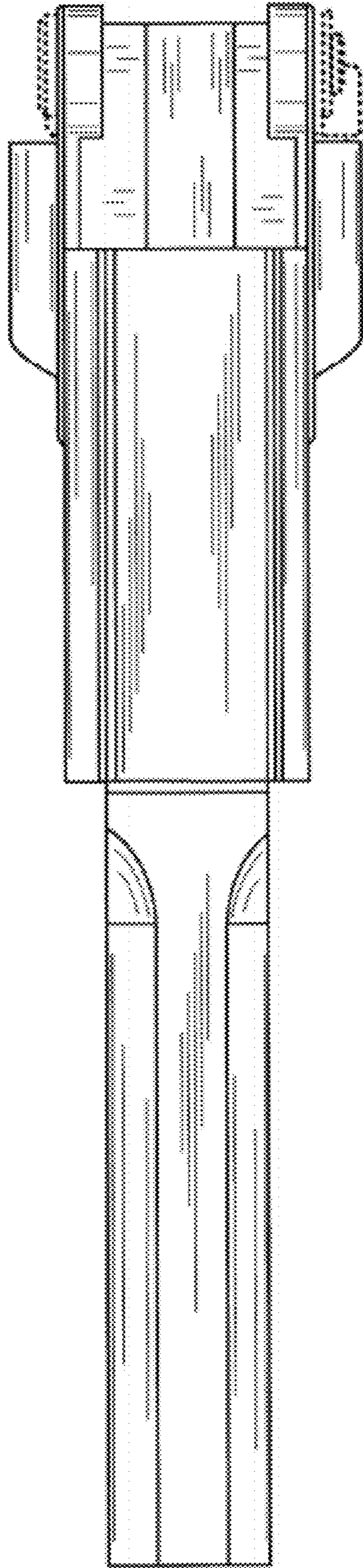


FIG. 10

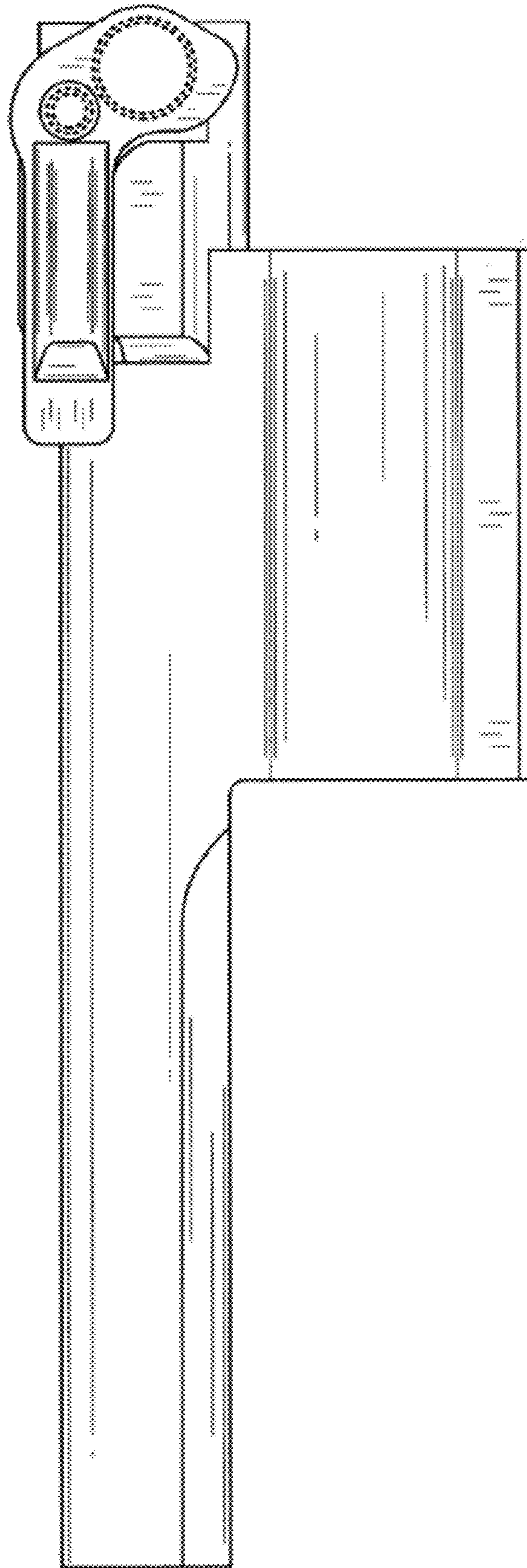


FIG. 11

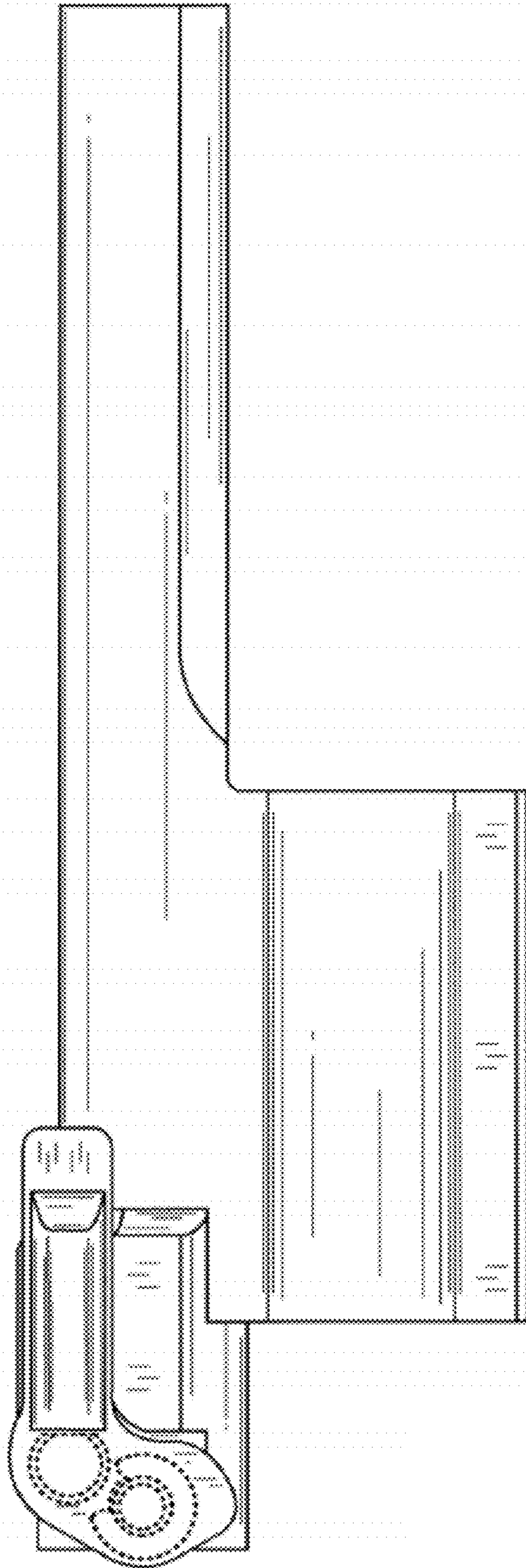


FIG. 12

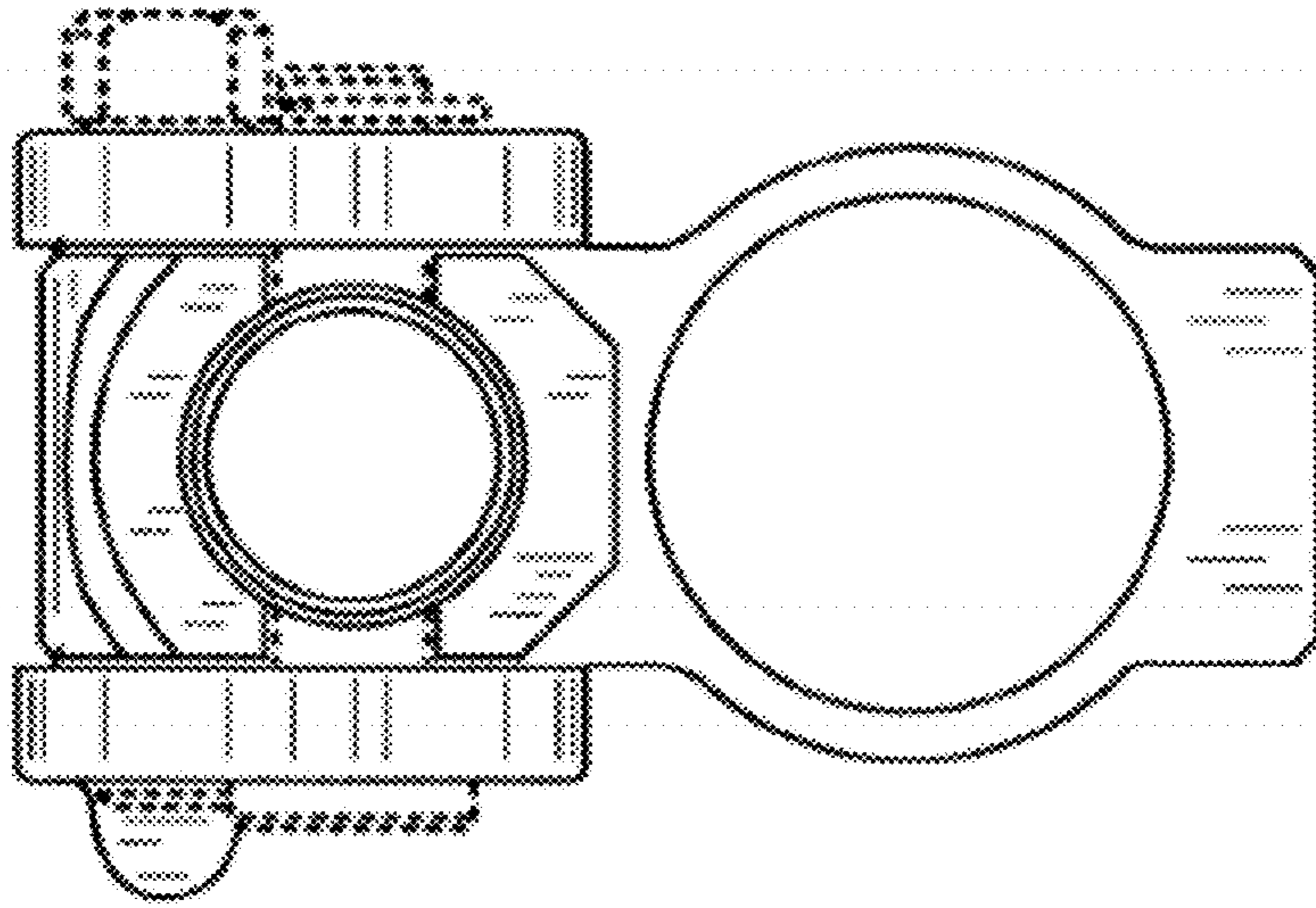


FIG. 14

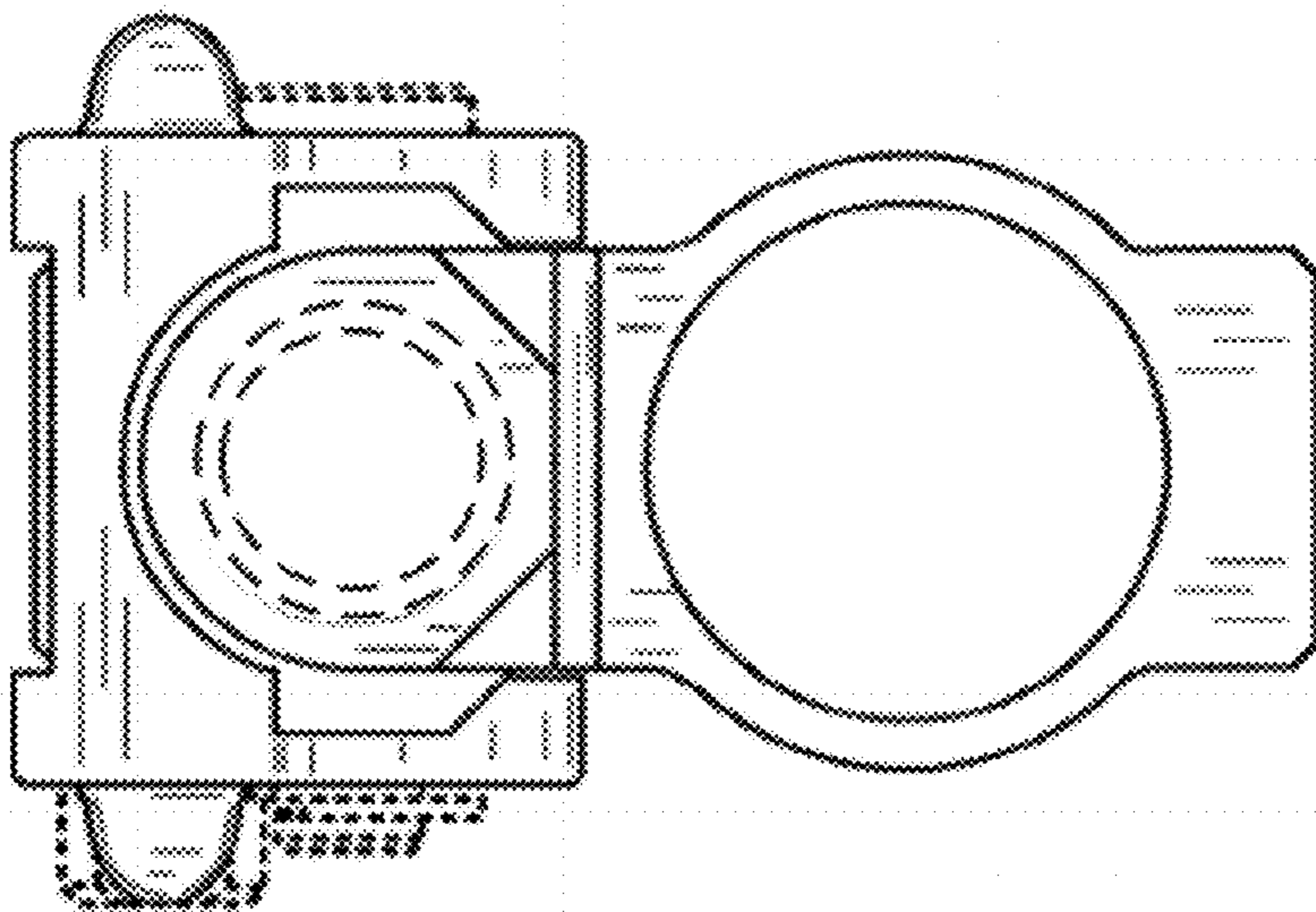


FIG. 13

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D661,364 S
APPLICATION NO. : 29/364276
DATED : June 5, 2012
INVENTOR(S) : Daniel E. Kenney, James W. Ronkainen and David O. Matteson

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

Title Page: Item (75) the address of inventor James W. Ronkainen shall be changed from “Hodgeville, KY” to “Hodgenville, KY”.

Signed and Sealed this
Twenty-fourth Day of February, 2015



Michelle K. Lee
Deputy Director of the United States Patent and Trademark Office