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(12) **United States Design Patent** (10) **Patent No.:** **US D904,461 S**
Konantambigi et al. (45) **Date of Patent:** **** Dec. 8, 2020**

(54) **INFLATOR**
(71) Applicant: **Stopak India Pvt. Ltd.**, Karnataka (IN)
(72) Inventors: **Sunil Konantambigi**, Bangalore (IN);
Ryan Fowler, Cape Town (ZA)
(73) Assignee: **Stopak India Pvt. Ltd.**, Bangalore (IN)
(**) Term: **15 Years**

D358,315 S * 5/1995 Raines D8/64
5,454,407 A 10/1995 Huza et al.
D372,506 S * 8/1996 Kino D21/572
5,566,728 A 10/1996 Lange
D375,668 S * 11/1996 Kalousis D8/68
D377,303 S * 1/1997 Nagel D8/68
D396,789 S * 8/1998 Murray D8/68
5,806,572 A 9/1998 Voller

(Continued)

FOREIGN PATENT DOCUMENTS

AU 748188 B2 5/2002

OTHER PUBLICATIONS

Uline, Inflator Gun, (site visited Jun. 26, 2020), Uline.com; URL:<<https://www.uline.com/Product/Detail/H-995/Dunnage-Bags/Inflator-Gun>> (Year: 2020).*

(Continued)

Primary Examiner — Sheryl Lane
Assistant Examiner — Mark T. Philipps
(74) *Attorney, Agent, or Firm* — Neal, Gerber & Eisenberg LLP

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(52) **U.S. Cl.**
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(58) **Field of Classification Search**
USPC D15/7-9; D24/108, 110, 111; D13/103,
D13/107; D23/210, 225, 231, 232;
D8/2, 14.1, 29.1, 61, 68; D21/572, 573
CPC F04B 49/00; F04B 17/03; F04B 17/06;
F04B 35/06; F04B 33/005; F04B 33/00;
F04B 33/02; F04B 25/0673; B25B 21/02;
B25B 21/00; B25B 19/00; B05B 5/025;
B05B 11/00
See application file for complete search history.

(57) **CLAIM**

The ornamental design for an inflator, as shown.

(56) **References Cited**

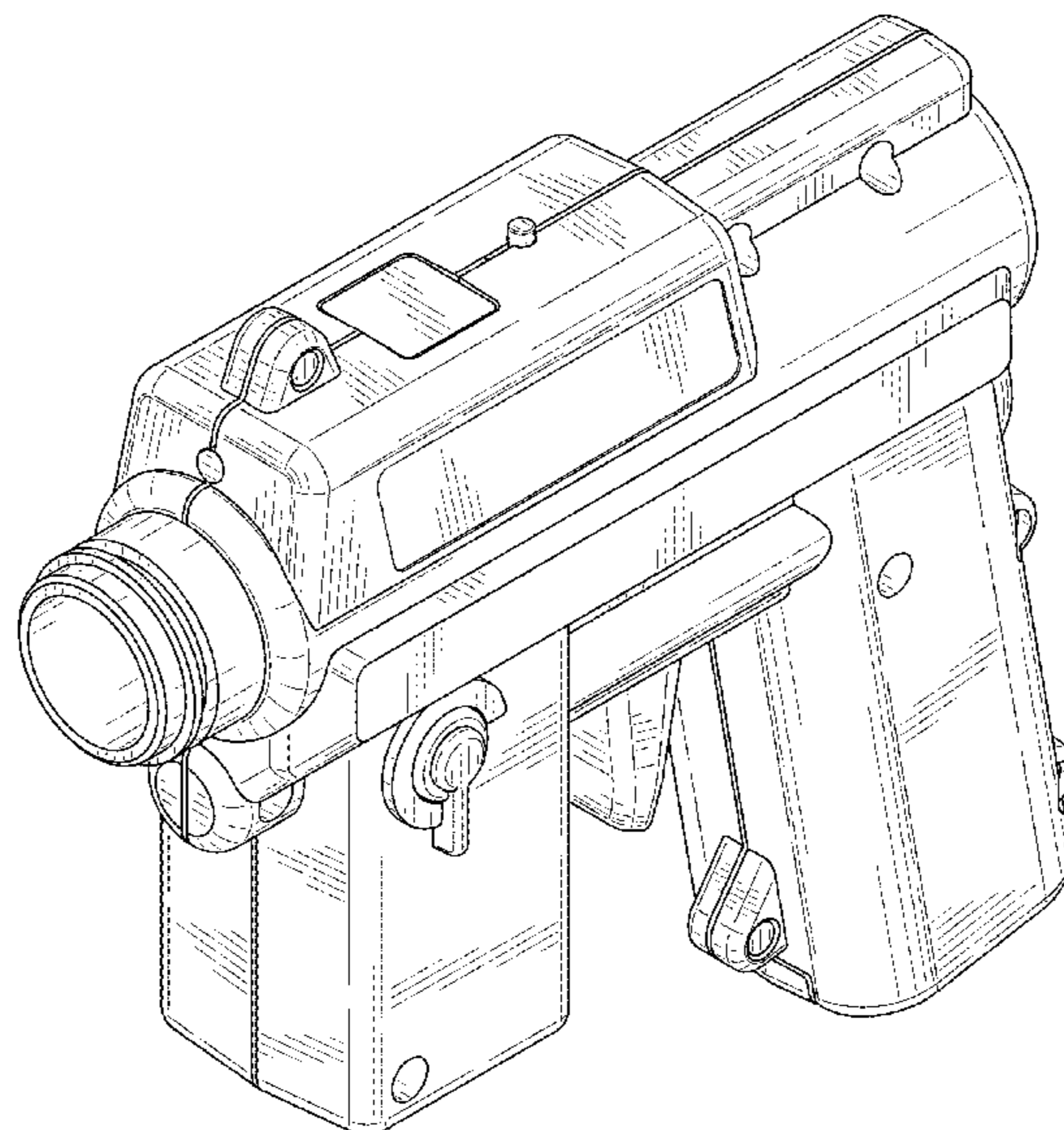
U.S. PATENT DOCUMENTS

D206,670 S * 1/1967 Hirsch D21/573
D239,000 S * 3/1976 La Pointe D8/51
4,102,364 A 7/1978 Leslie et al.
4,146,069 A 3/1979 Angarola et al.
4,146,070 A 3/1979 Angarola et al.
D256,325 S * 8/1980 Crooks D8/30
4,872,492 A 10/1989 Mcanally et al.
D316,020 S * 4/1991 Fushiya D8/61
D333,246 S * 2/1993 Fushiya D8/68
D334,876 S * 4/1993 Swetish D8/29.1
D352,438 S * 11/1994 Hattori D8/68
D354,530 S * 1/1995 Nagel D21/532

DESCRIPTION

FIG. 1 is a perspective view of an inflator of our new design.
FIG. 2 is a right-side elevational view of the inflator.
FIG. 3 is a front elevational view of the inflator.
FIG. 4 is a left-side elevational view of the inflator.
FIG. 5 is a rear elevational view of the inflator.
FIG. 6 is a top plan view of the inflator; and,
FIG. 7 is a bottom plan view of the inflator.
The broken lines represent portions of the inflator and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,829,492 A 11/1998 Gavronsky et al.
 5,862,843 A 1/1999 Corbitt
 D406,737 S * 3/1999 Farnham D8/29.1
 D423,519 S * 4/2000 Bonzer D15/9
 D425,912 S * 5/2000 Poon D15/7
 D444,365 S * 7/2001 Bass D8/68
 6,253,806 B1 7/2001 Sperry et al.
 D447,033 S * 8/2001 Izumisawa D8/68
 D456,679 S * 5/2002 Cheng D8/29.1
 D457,044 S * 5/2002 Cheng D8/29.1
 6,530,751 B1 3/2003 Song et al.
 6,561,236 B1 5/2003 Sperry et al.
 D481,280 S * 10/2003 Guiette, III D8/68
 6,676,042 B2 1/2004 Howlett et al.
 D487,899 S * 3/2004 Poon D15/7
 6,729,110 B2 5/2004 Sperry et al.
 6,793,469 B2 9/2004 Chung
 7,063,514 B1 6/2006 Wu
 D524,135 S * 7/2006 Happ D8/68
 7,073,545 B2 7/2006 Smith et al.
 7,127,762 B1 10/2006 Lau
 D552,443 S * 10/2007 Aglassinger D8/29.1
 7,320,347 B2 1/2008 Ramsey et al.
 D577,973 S * 10/2008 Wright D8/68
 7,455,086 B1 11/2008 Elze et al.
 D593,386 S * 6/2009 Liao D8/68
 7,571,500 B2 8/2009 Wu
 D599,182 S * 9/2009 Baxter D8/29.1
 7,588,425 B2 9/2009 Chung
 7,610,929 B2 11/2009 Zielinski et al.
 7,644,739 B1 1/2010 Vezzosi et al.
 D615,834 S * 5/2010 Netzler D8/29.1
 7,793,687 B2 9/2010 Smith et al.

7,913,724 B2 3/2011 Pansegrouw
 7,980,799 B1 7/2011 Rioux et al.
 D660,921 S * 5/2012 Johnson D21/572
 D660,926 S * 5/2012 Mastin D21/573
 D670,146 S * 11/2012 Coley D8/29.1
 D694,268 S * 11/2013 Ohm D15/7
 D701,737 S * 4/2014 Poitras D8/2
 D726,771 S 4/2015 Pansegrouw et al.
 D727,706 S * 4/2015 Chen D8/68
 D760,571 S * 7/2016 Zwicker D8/68
 D764,551 S 8/2016 Fowler et al.
 9,434,056 B2 * 9/2016 Seith B25F 5/029
 D814,262 S * 4/2018 Khubani D8/68
 9,969,315 B2 5/2018 Beard et al.
 D826,022 S * 8/2018 Lam D8/68
 D834,620 S * 11/2018 Neir B60C 29/068
 D15/7
 D858,239 S * 9/2019 Hattori D8/68
 D863,016 S * 10/2019 Wilmes D8/68
 D875,199 S * 2/2020 Hu D22/108
 D879,154 S * 3/2020 Huang D15/7
 10,682,750 B2 * 6/2020 Zhong B25F 3/00
 D889,230 S * 7/2020 Wilmes D8/68
 2012/0114505 A1 5/2012 Pansegrouw et al.
 2013/0139601 A1 6/2013 Tschantz et al.
 2015/0034196 A1 2/2015 Petrucci et al.

OTHER PUBLICATIONS

Load Runner, Free-Flo Dunnage Bag Inflation/Deflation Tool, (site visited Jun. 26, 2020), Starboxes.com, URL:<<https://www.starboxes.com/free-flo-dunnage-bag-inflation-deflation-tool>> (Year: 2020).*
 “SuperFlow Inflation System”, Shippers Products, Sheridan, AR, available before Aug. 1, 2018 (2 pages).

* cited by examiner

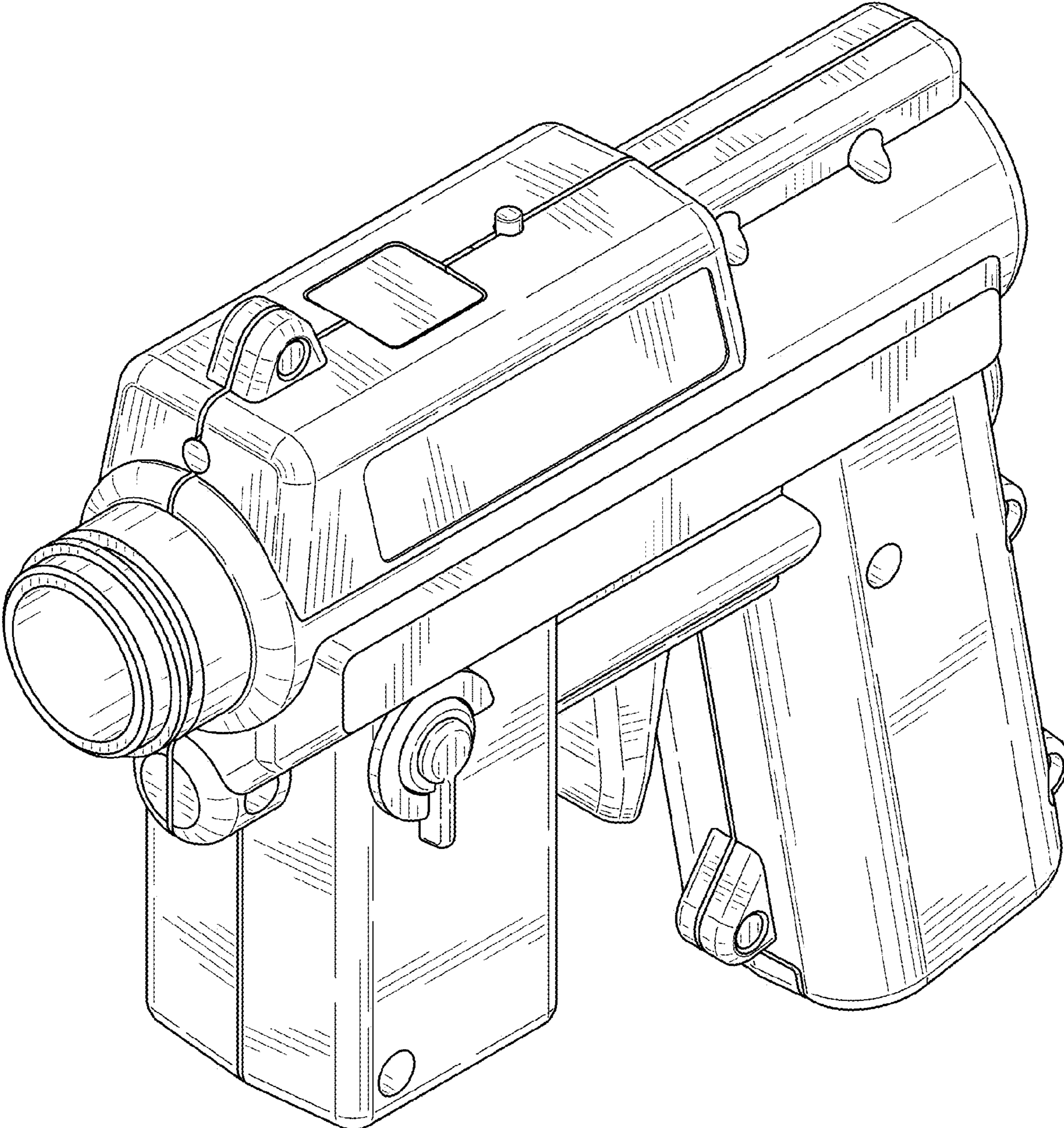


FIG. 1

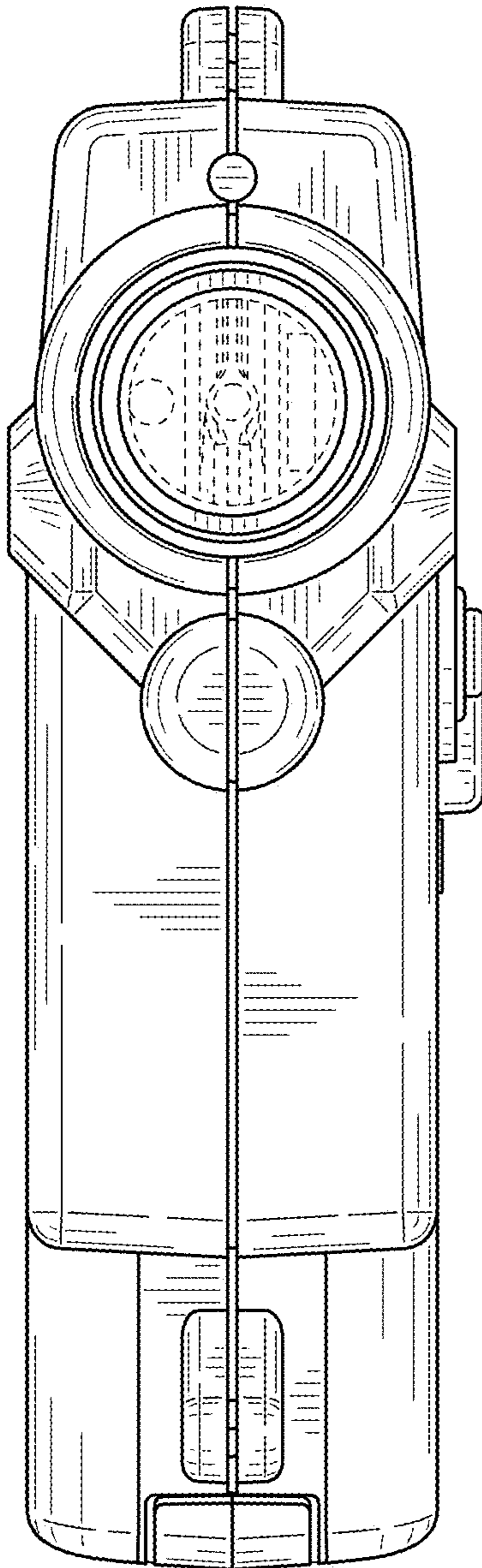


FIG. 2

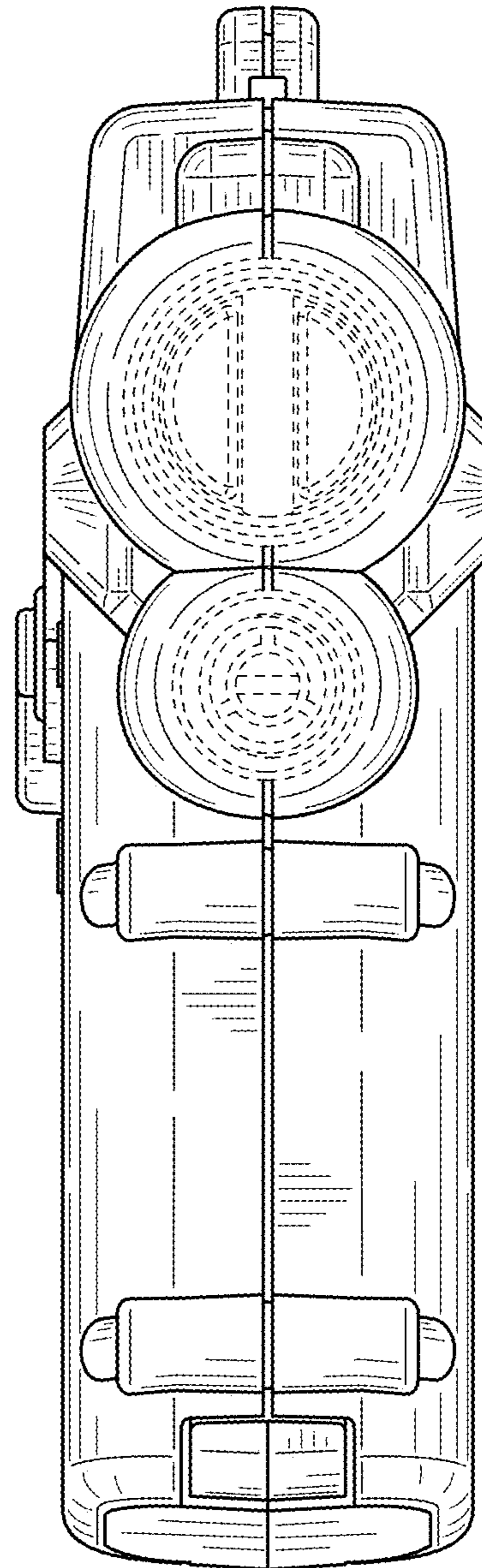


FIG. 3

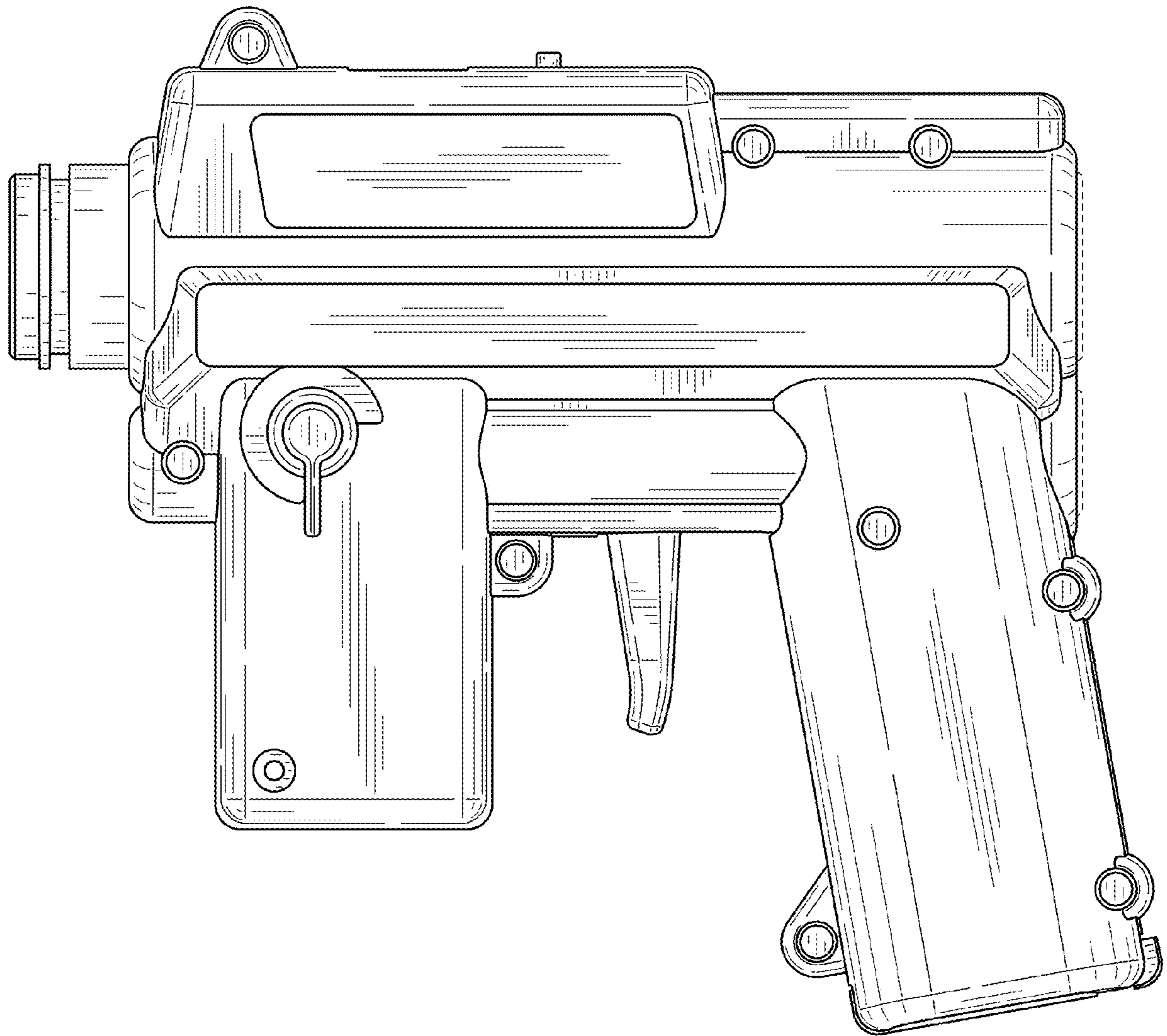


FIG. 4

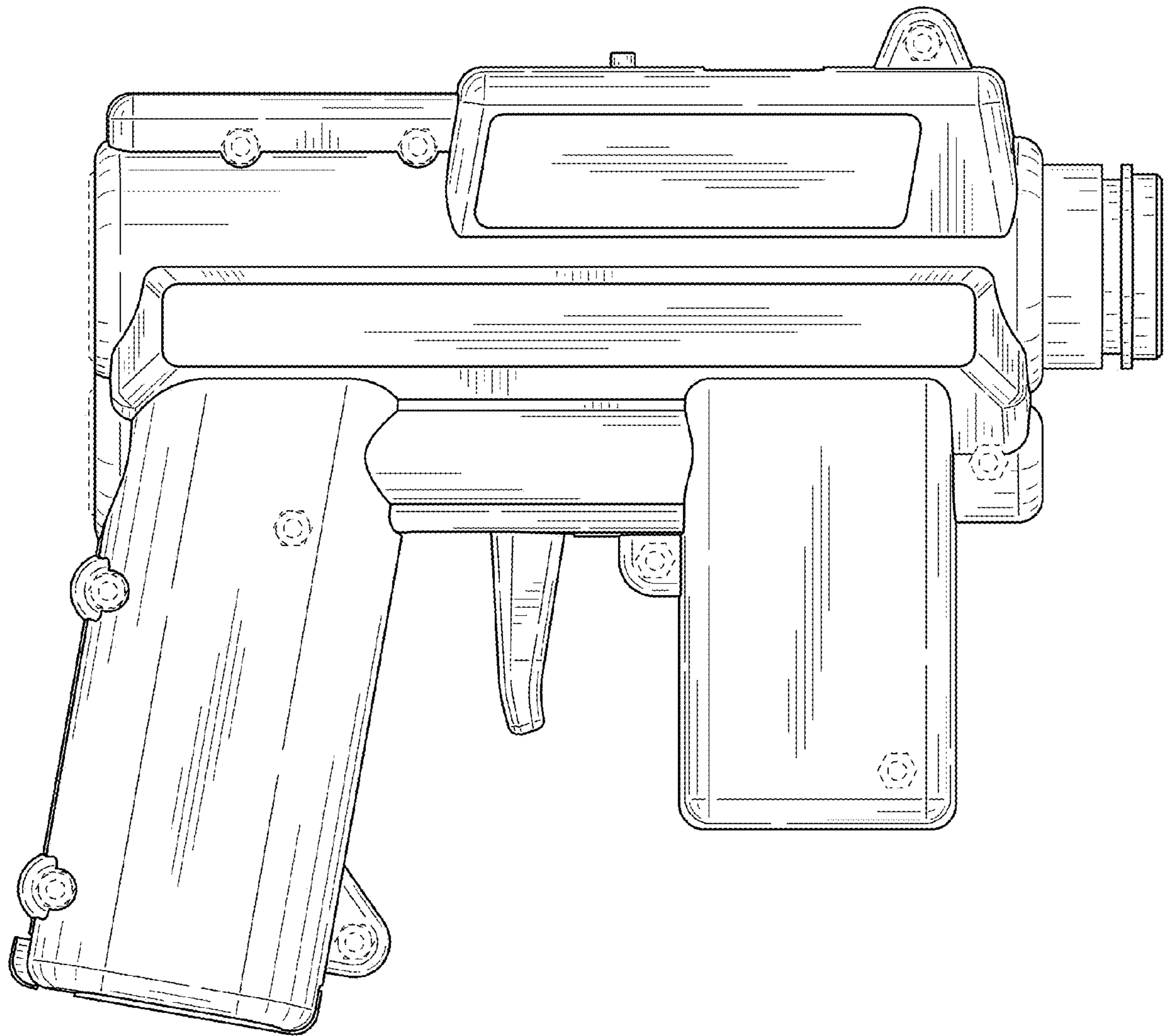


FIG. 5

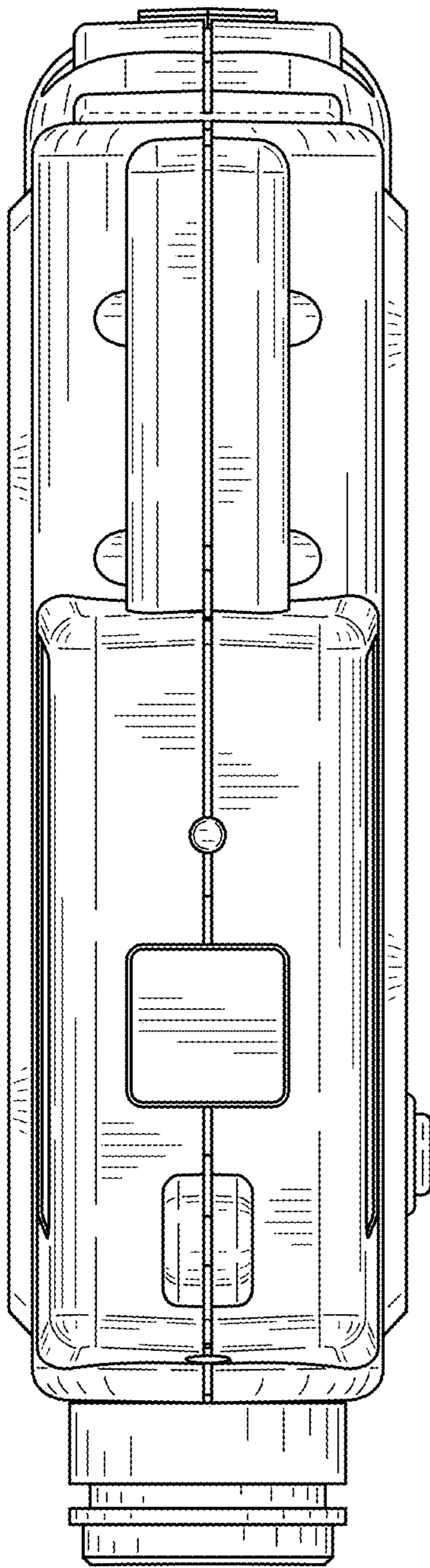


FIG. 6

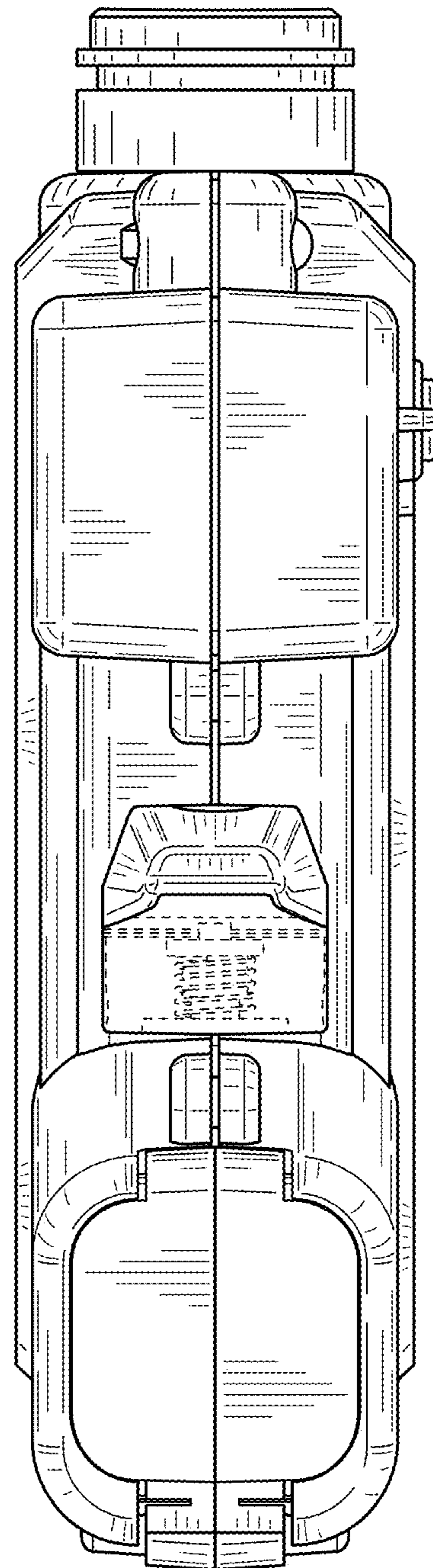


FIG. 7