



US00D743397S

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

(10) **Patent No.:** **US D743,397 S**

(45) **Date of Patent:** **** Nov. 17, 2015**

(54) **OPTICAL SCANNER**

(71) Applicant: **Datalogic IP Tech S.r.l.**, Lippo di
Calderara di Reno (IT)

(72) Inventor: **Stefano Ciabattoni**, Ozzano dell'Emilia
(IT)

(73) Assignee: **DATALOGIC IP TECH S.R.L.**, Lippo
di Calderara di Reno (BO) (IT)

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

(21) Appl. No.: **29/510,776**

(22) Filed: **Dec. 3, 2014**

(30) **Foreign Application Priority Data**

Jun. 20, 2014 (EM) 002486514

(51) **LOC (10) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/420**

(58) **Field of Classification Search**
USPC D14/420, 426-430, 453; 235/462.01,
235/462.11, 462.43, 462.45, 462.49,
235/472.01, 385, 454; 382/313, 321, 318;
358/473; 250/215, 216; D26/37-50,
D26/24; 362/157, 158, 171-174, 183-208;
396/427

CPC G06K 7/10584; G06K 7/10613; G06K
7/10881; G06K 7/109; G06K 7/10693;
G06K 7/10871; G06K 7/1096; G06K 7/10;
G06K 7/10564; G06K 7/10594; G06K
7/10603; G06K 7/10663; G06K 7/10673;
G06K 7/10702; G06K 7/10792; G06K
7/10633; G06K 7/10653; G06K 7/10891;
G06K 7/14; G06K 7/1443; G06K 7/10801;
G06K 7/10811; G06K 7/10851; G06K
7/10861; G06K 2207/1011; G06K 2207/1012;
G06K 2207/1013; G06K 2207/1016; G06K
2207/1017; G06K 2207/1018; G06K
2207/10534; G06K 17/0022; A47F 9/046;
A47F 9/047; G07G 1/0045; G04N 5/23238;
G04N 5/2252; G04N 5/2251; G03B 17/02;
B25H 5/00; B66F 7/28; G02B 26/10; G02B
26/106; G07F 11/002; G07F 11/02; G06Q
20/343; G06F 2203/0331

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D295,413 S * 4/1988 Nakamura et al. D14/420
D314,187 S * 1/1991 Richards et al. D14/381

(Continued)

FOREIGN PATENT DOCUMENTS

EM 002197715-0001 3/2013
EM 002197715-0002 3/2013

(Continued)

OTHER PUBLICATIONS

Datalogic Matrix 300™ barcode reader product information,
Datalogic S.p.A.—Vat No. 01835711209 Copyright 2008-2014,
[http://www.datalogic.com/eng/products/industrial-automation/
fixed-industrial-barcode-readers/matrix-300-pd-609.html](http://www.datalogic.com/eng/products/industrial-automation/fixed-industrial-barcode-readers/matrix-300-pd-609.html), accessed
on Dec. 4, 2014.

Primary Examiner — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Duane Morris LLP

(57) **CLAIM**

I claim the ornamental design for an optical scanner, as shown
and described.

DESCRIPTION

FIG. 1 is a perspective front view of an optical scanner
according to the present invention.

FIG. 2 is a top view of the optical scanner of FIG. 1.

FIG. 3 is a bottom view of the optical scanner of FIG. 1.

FIG. 4 is a right side elevation view of the optical scanner of
FIG. 1.

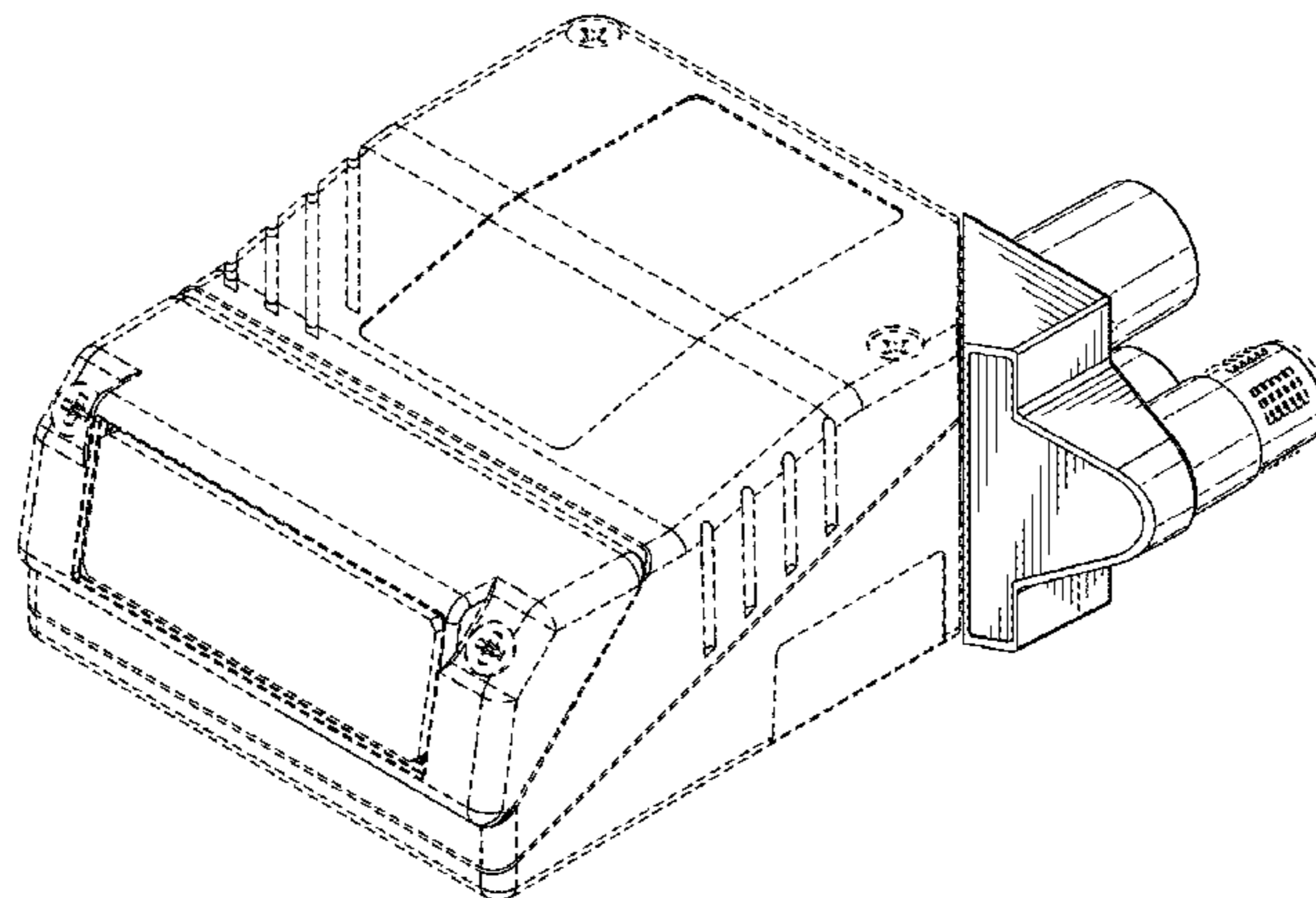
FIG. 5 is a left side elevation view of the optical scanner of
FIG. 1.

FIG. 6 is a front elevation view of the optical scanner of FIG.
1; and,

FIG. 7 is a rear elevation view of the optical scanner of FIG.
1.

Broken lines and unshaded portions contained within broken
lines are not claimed.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D324,244 S * 2/1992 Stamper et al. D21/333
 D335,661 S * 5/1993 Shepard D14/427
 D335,662 S * 5/1993 Shepard D14/427
 D342,245 S * 12/1993 Krichever et al. D14/427
 5,342,210 A * 8/1994 Trine et al. 439/95
 5,343,029 A * 8/1994 Katoh et al. 235/462.39
 5,448,050 A * 9/1995 Kostizak 235/462.43
 D372,234 S * 7/1996 LaManna et al. D14/427
 D372,708 S * 8/1996 Hetherington D14/433
 D375,090 S * 10/1996 Lambert et al. D14/433
 D391,250 S * 2/1998 Swift et al. D14/427
 5,745,794 A * 4/1998 Poloniewicz et al. 710/62
 5,751,431 A * 5/1998 Taka et al. 358/296
 5,779,499 A * 7/1998 Sette et al. 439/540.1
 D407,376 S * 3/1999 Copeland et al. D13/153
 6,149,463 A * 11/2000 Hashizawa et al. 439/607.01
 D438,510 S * 3/2001 Leen D13/146
 6,328,579 B1 * 12/2001 Mori et al. 439/97
 D462,688 S * 9/2002 Schieffers et al. D14/427
 D462,724 S * 9/2002 Sugino D21/333
 D462,964 S * 9/2002 Croley et al. D14/427
 D483,373 S * 12/2003 Huang D14/433
 D507,273 S * 7/2005 Ibuki D14/433
 D519,085 S * 4/2006 Gull et al. D13/155
 7,090,514 B2 * 8/2006 Lu 439/97
 7,094,076 B2 * 8/2006 Hatakeyama 439/97
 7,198,495 B1 * 4/2007 Youtsey 439/97

D547,761 S * 7/2007 Hui D14/433
 7,393,218 B1 * 7/2008 Pavlovic et al. 439/97
 D585,066 S * 1/2009 Morris et al. D14/427
 D608,286 S * 1/2010 Stutz D13/147
 D689,440 S * 9/2013 Lee et al. D13/153
 D689,495 S * 9/2013 Bentley et al. D14/433
 D708,142 S * 7/2014 Luther et al. D13/146
 8,951,071 B2 * 2/2015 Tziviskos et al. 439/668
 D726,118 S * 4/2015 Petrick et al. D13/147
 D730,833 S * 6/2015 Lewis et al. D13/133
 2002/0089675 A1 * 7/2002 Kamon et al. 356/623
 2004/0149829 A1 * 8/2004 Boucher et al. 235/462.43
 2007/0125864 A1 * 6/2007 Hayakawa 235/462.43
 2008/0185440 A1 * 8/2008 Kawasaki 235/462.43
 2009/0230194 A1 * 9/2009 Calderon 235/462.43
 2010/0133344 A1 * 6/2010 Yamanouchi et al. ... 235/462.43
 2013/0038985 A1 * 2/2013 Powell et al. 361/679.01
 2013/0314485 A1 * 11/2013 Ohnishi 347/224
 2013/0341495 A1 * 12/2013 Fabbri et al. 250/214.1
 2014/0319218 A1 * 10/2014 Harbison et al. 235/438

FOREIGN PATENT DOCUMENTS

EM 002197715-0003 3/2013
 EM 002197715-0004 3/2013
 EM 002197715-0005 3/2013
 EM 002197715-0006 3/2013
 EM 002197715-0007 3/2013

* cited by examiner

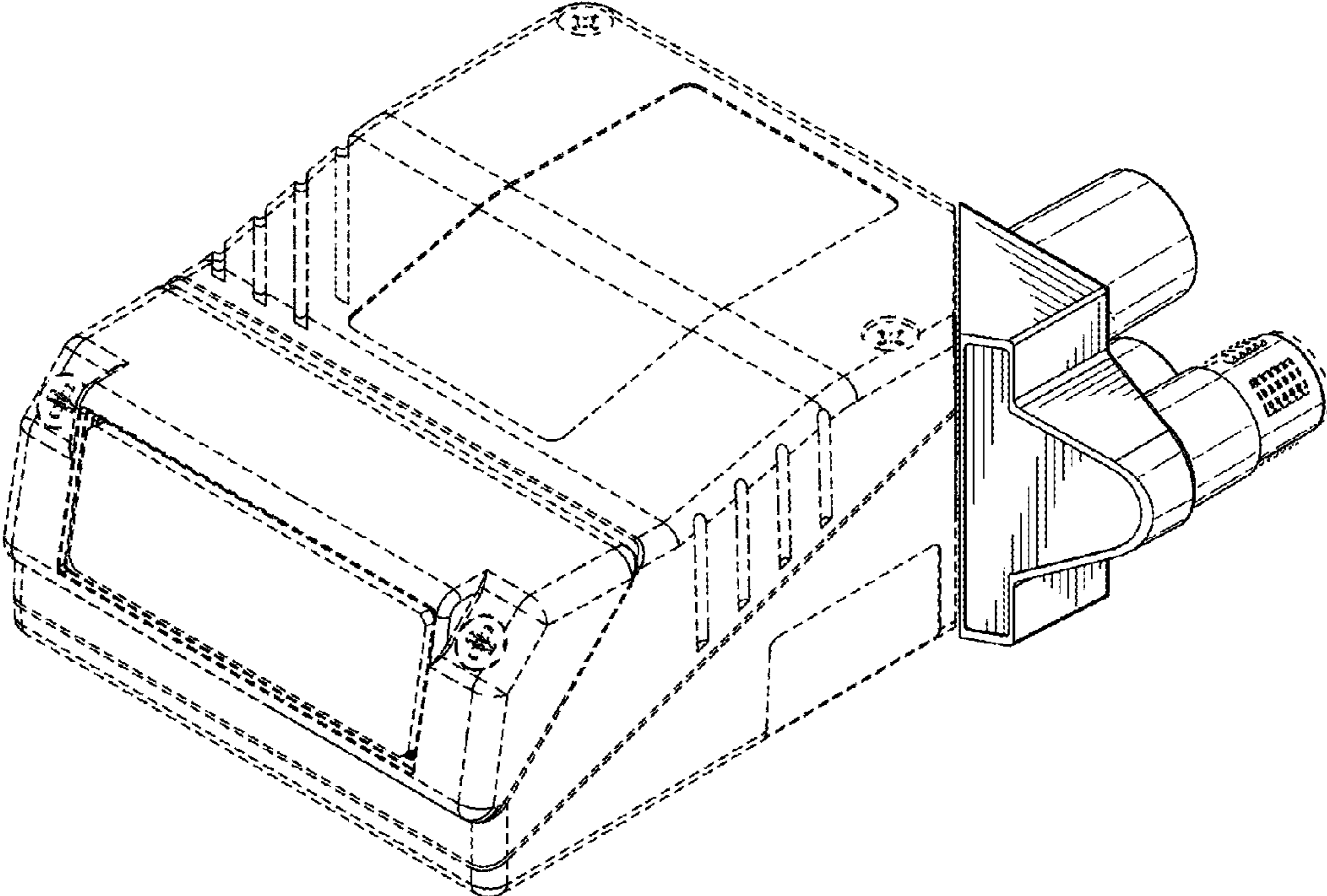


FIG. 1

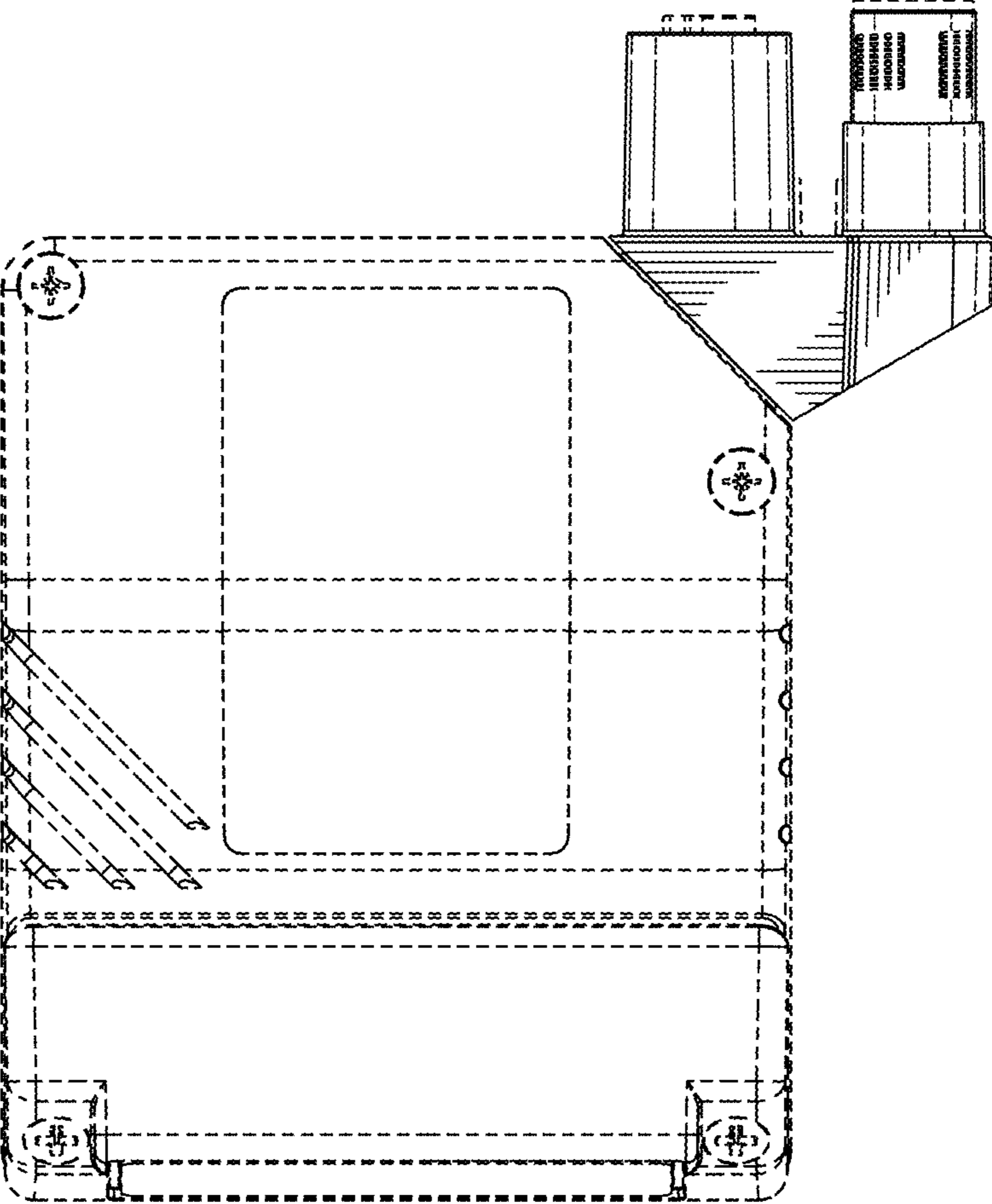


FIG. 2

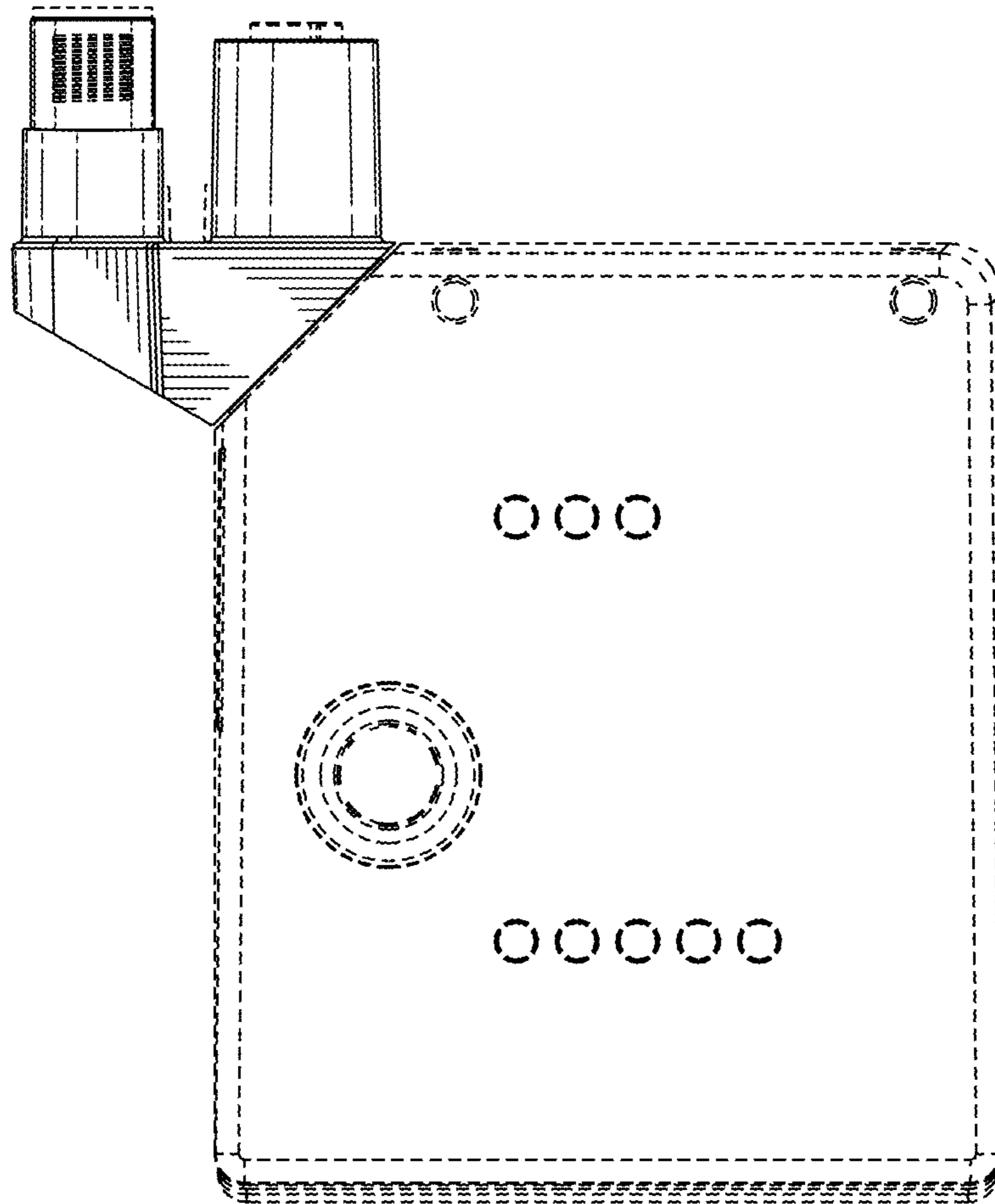


FIG. 3

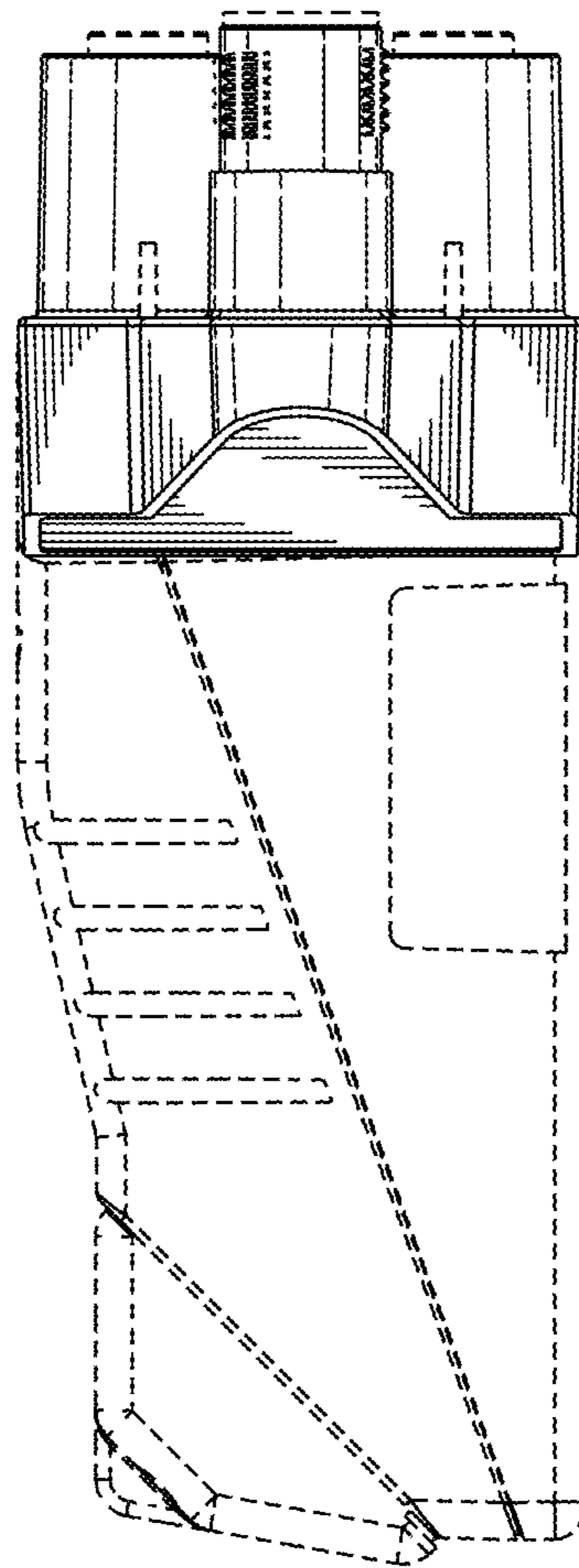


FIG. 4

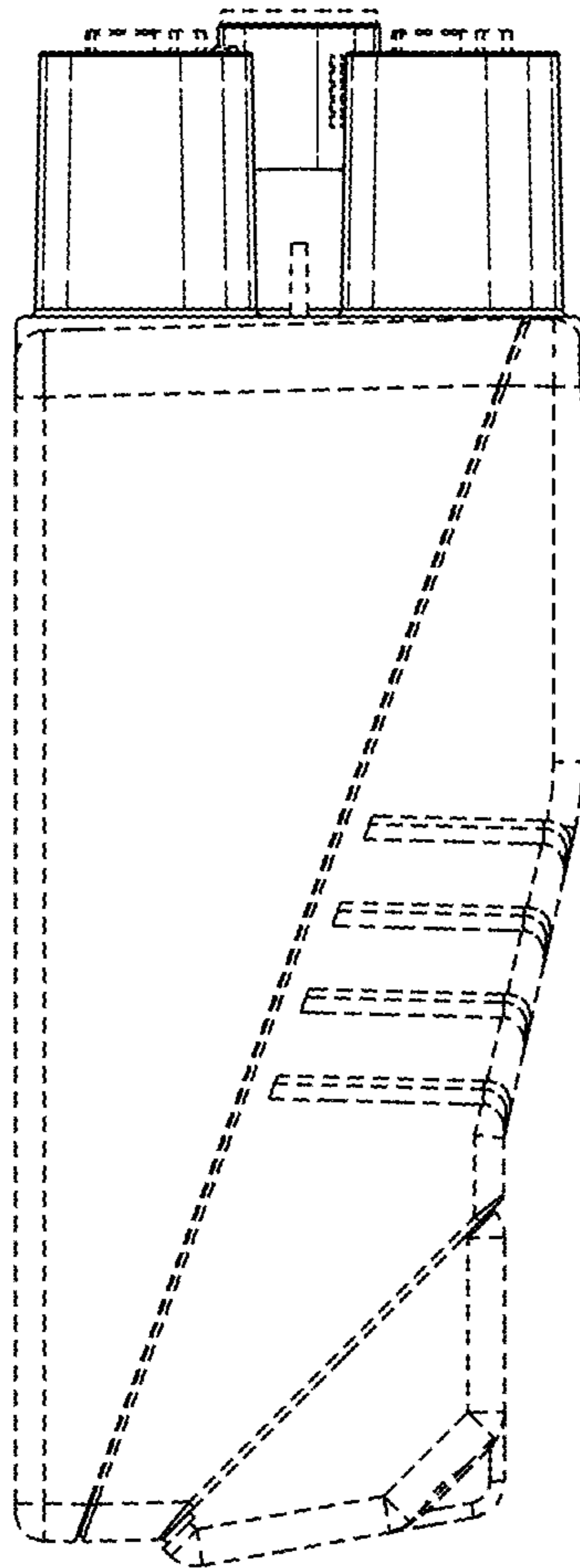


FIG. 5

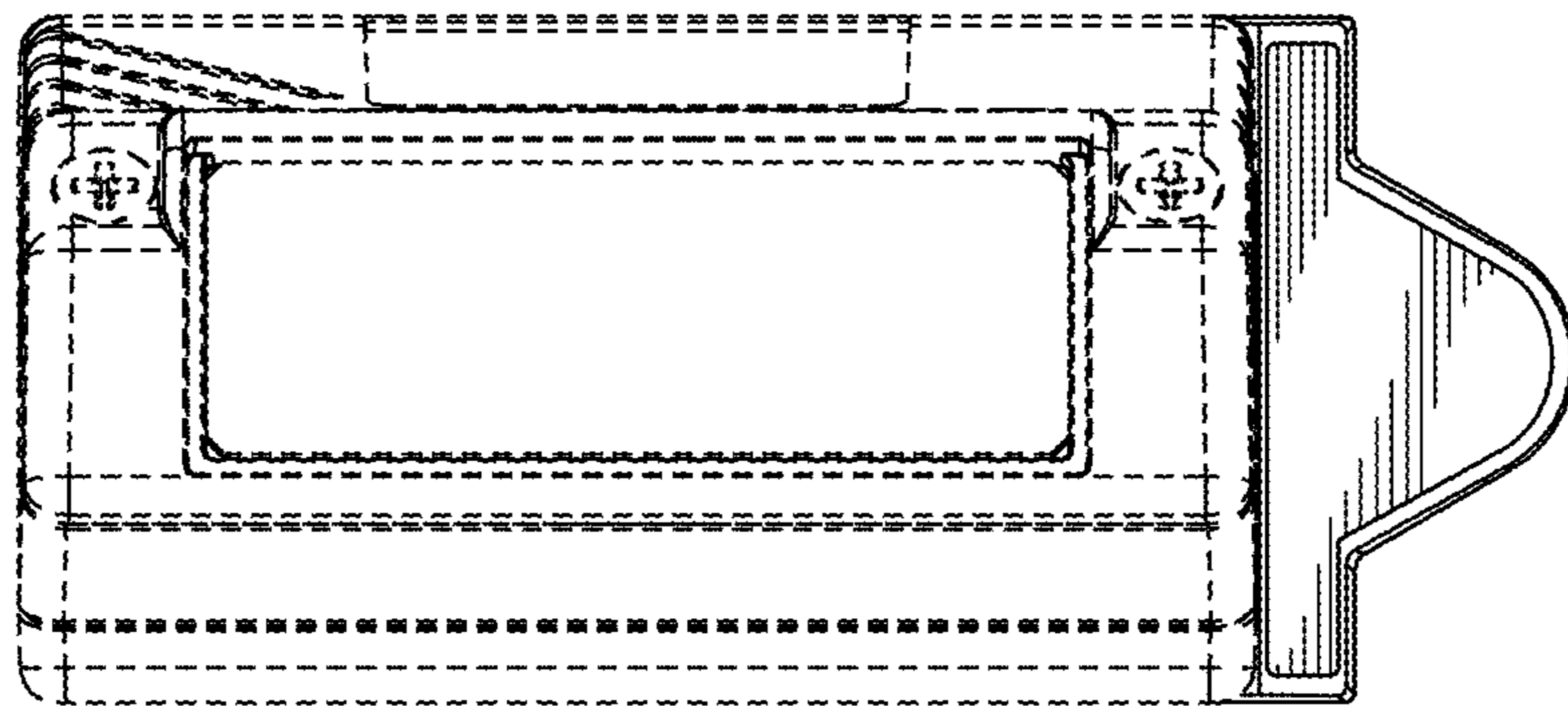


FIG. 6

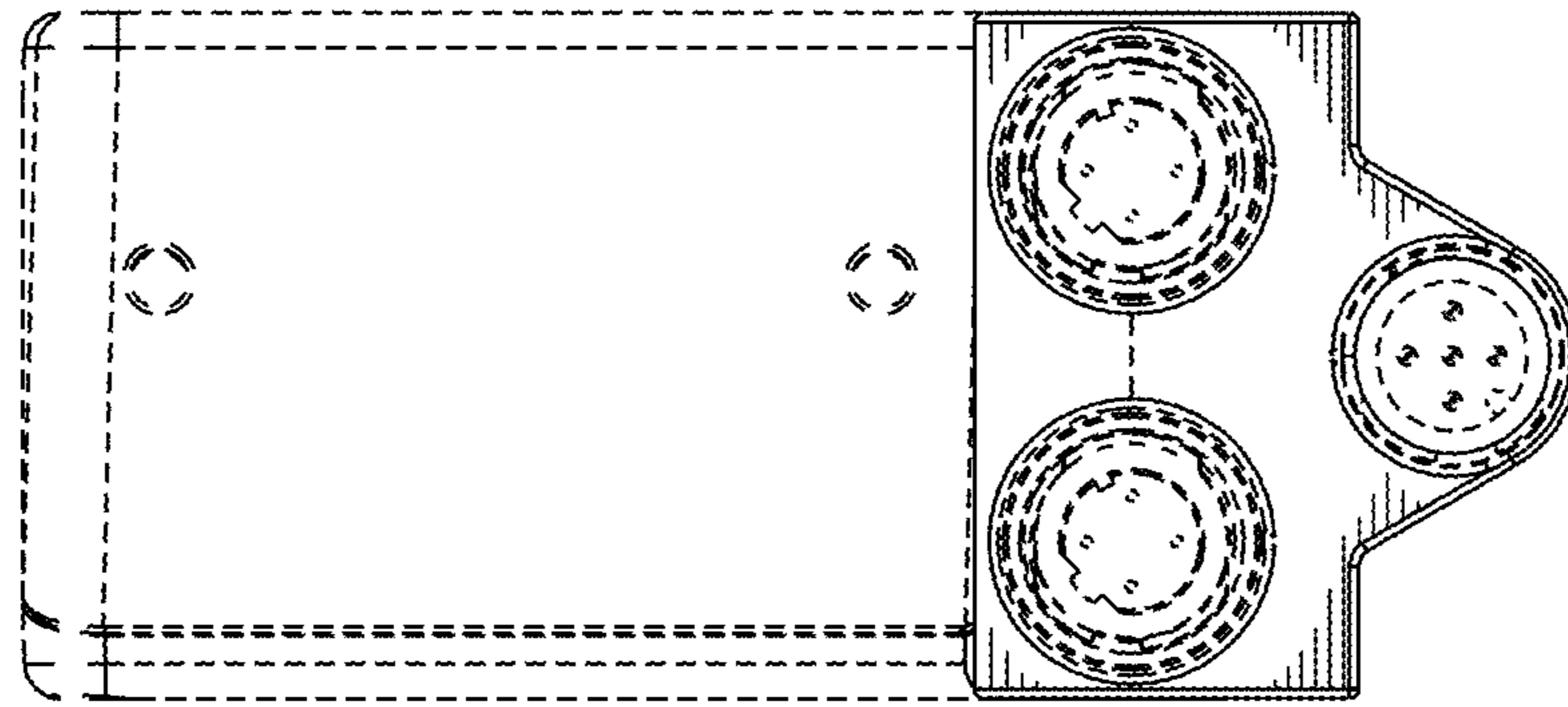


FIG. 7