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(12) **United States Design Patent** (10) **Patent No.:** **US D796,556 S**
Ewringmann (45) **Date of Patent:** **** Sep. 5, 2017**

(54) **SENSOR MODULE FOR A ROAD PAVER**

FOREIGN PATENT DOCUMENTS

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EM 001322689-0003 4/2012
EM 001322689-0004 4/2012

(Continued)

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

(57) **CLAIM**

The ornamental design for a sensor module for a road paver, as shown and described.

(21) Appl. No.: **29/545,888**

(22) Filed: **Nov. 17, 2015**

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/468,956, filed on Oct. 4, 2013, now Pat. No. Des. 753,189.

The file of this patent contains at least one drawing/photograph executed in color. Copies of this patent with color drawing(s)/photograph(s) will be provided by the Office upon request and payment of the necessary fee.

(30) **Foreign Application Priority Data**

Apr. 12, 2013 (EM) 001369649

FIG. 1 shows a view onto the front side of a sensor module for a road paver showing my new design;

(51) **LOC (10) Cl.** **15-03**

FIG. 2 shows a view onto the left side of the sensor module for a road paver of FIG. 1;

(52) **U.S. Cl.**

USPC **D15/19**

FIG. 3 shows a view onto the rear side of the sensor module for a road paver of FIG. 1;

(58) **Field of Classification Search**

USPC D15/19, 10, 22-26, 28; 404/110, 101, 404/108, 75, 102, 118, 84.8, 105, 72, 404/84.5

FIG. 4 shows a view onto the right side of the sensor module for a road paver of FIG. 1;

CPC E01C 19/42; E01C 19/48; E01C 19/002; E01C 19/176; E01C 19/402; E01C 23/00; E04F 21/24

FIG. 5 shows a view onto the top side of the sensor module for a road paver of FIG. 1;

See application file for complete search history.

FIG. 6 shows a view onto the bottom side of the sensor module for a road paver of FIG. 1;

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,591,502 A 4/1952 Bohannan et al.
3,557,672 A 1/1971 Shurtz et al.
3,907,451 A 9/1975 Fisher et al.

FIG. 7 shows a perspective view onto the front side, right side and top side of the sensor module for a road paver of FIG. 1; and,

FIG. 8 shows a further perspective view onto the front side, left side and bottom side of the sensor module for a road paver of FIG. 1.

(Continued)

1 Claim, 8 Drawing Sheets
(7 of 8 Drawing Sheet(s) Filed in Color)



(56)

References Cited

U.S. PATENT DOCUMENTS

D239,966 S 5/1976 Swisher, Jr. et al.
 4,272,213 A 6/1981 McGovarin
 D324,053 S * 2/1992 Smrt D15/13
 5,201,603 A 4/1993 Bassett et al.
 5,203,642 A 4/1993 Heller et al.
 5,511,900 A 4/1996 Macku
 6,203,243 B1 3/2001 Birtchet
 6,273,636 B1 8/2001 Johanpeter
 6,375,386 B1 4/2002 Macku et al.
 6,890,125 B1 5/2005 Calder et al.
 7,121,763 B1 10/2006 Young et al.
 D541,310 S * 4/2007 Zagorov D15/147
 7,413,377 B2 8/2008 Pontano, III
 D578,142 S 10/2008 Ewringmann
 7,651,295 B2 1/2010 Eppes et al.
 D650,396 S 12/2011 Ewringmann
 8,221,026 B2 7/2012 Munz et al.
 D673,981 S 1/2013 Kopacz et al.
 8,591,145 B1 11/2013 Engel et al.
 D700,633 S 3/2014 Giles
 D719,984 S * 12/2014 Viertola D15/28
 D726,778 S * 4/2015 Little D15/28
 D728,634 S * 5/2015 Alpsten D15/28
 D755,252 S 5/2016 Ewringmann
 D768,729 S * 10/2016 Long D15/10
 D775,239 S * 12/2016 Brooks D15/28
 D775,449 S * 12/2016 Babel D12/177
 2007/0258769 A1 11/2007 Eppes
 2014/0119826 A1 5/2014 Graham et al.
 2014/0308073 A1 * 10/2014 Delius E01C 19/288
 404/72
 2014/0328626 A1 11/2014 Smieja et al.
 2015/0010355 A1 1/2015 Kopacz et al.
 2015/0152607 A1 6/2015 Kappel

FOREIGN PATENT DOCUMENTS

EM 001322689-0005 4/2012
 EM 001322689-0006 4/2012
 EM 001322689-0007 4/2012
 EM 001322689-0008 4/2012
 EM 001322689-0010 4/2012
 EM 001322689-0011 4/2012

EM 001322689-0012 4/2012
 EM 001322689-0013 4/2012
 EM 001289920-0001 7/2012
 EM 001289920-0002 7/2012
 EM 001289920-0003 7/2012
 EM 001289920-0004 7/2012
 EM 001289920-0005 7/2012
 EM 001289920-0006 7/2012
 EM 001289920-0007 7/2012
 EM 001289920-0008 7/2012
 EM 001289920-0009 7/2012
 EM 001289920-0010 7/2012
 EM 001289920-0011 7/2012
 EM 001289920-0012 7/2012
 EM 001289920-0013 7/2012
 EM 001289920-0014 7/2012
 EM 001289920-0015 7/2012
 EM 001289920-0016 7/2012
 EM 001289920-0017 7/2012
 EM 001289920-0018 7/2012
 EM 001289920-0019 7/2012
 EM 001289920-0020 7/2012
 EM 001289920-0021 7/2012
 EM 001289920-0022 7/2012
 EM 001289920-0023 7/2012
 EM 001289920-0024 7/2012
 EM 001289920-0025 7/2012
 EM 001289920-0026 7/2012
 EM 001289920-0027 7/2012
 EM 001289920-0028 7/2012
 EM 001289920-0029 7/2012
 EM 001289920-0030 7/2012
 EM 001289920-0031 7/2012
 EM 001289920-0032 7/2012
 EM 001289920-0033 7/2012
 EM 001289920-0034 7/2012
 EM 001289920-0035 7/2012
 EM 001289920-0036 7/2012
 EM 001289920-0037 7/2012
 EM 001289920-0038 7/2012
 EM 001289920-0039 7/2012
 EM 001289920-0040 7/2012
 EM 001289920-0041 7/2012
 EM 001289920-0042 7/2012
 EM 001289920-0043 7/2012
 EM 001289920-0044 7/2012

* cited by examiner

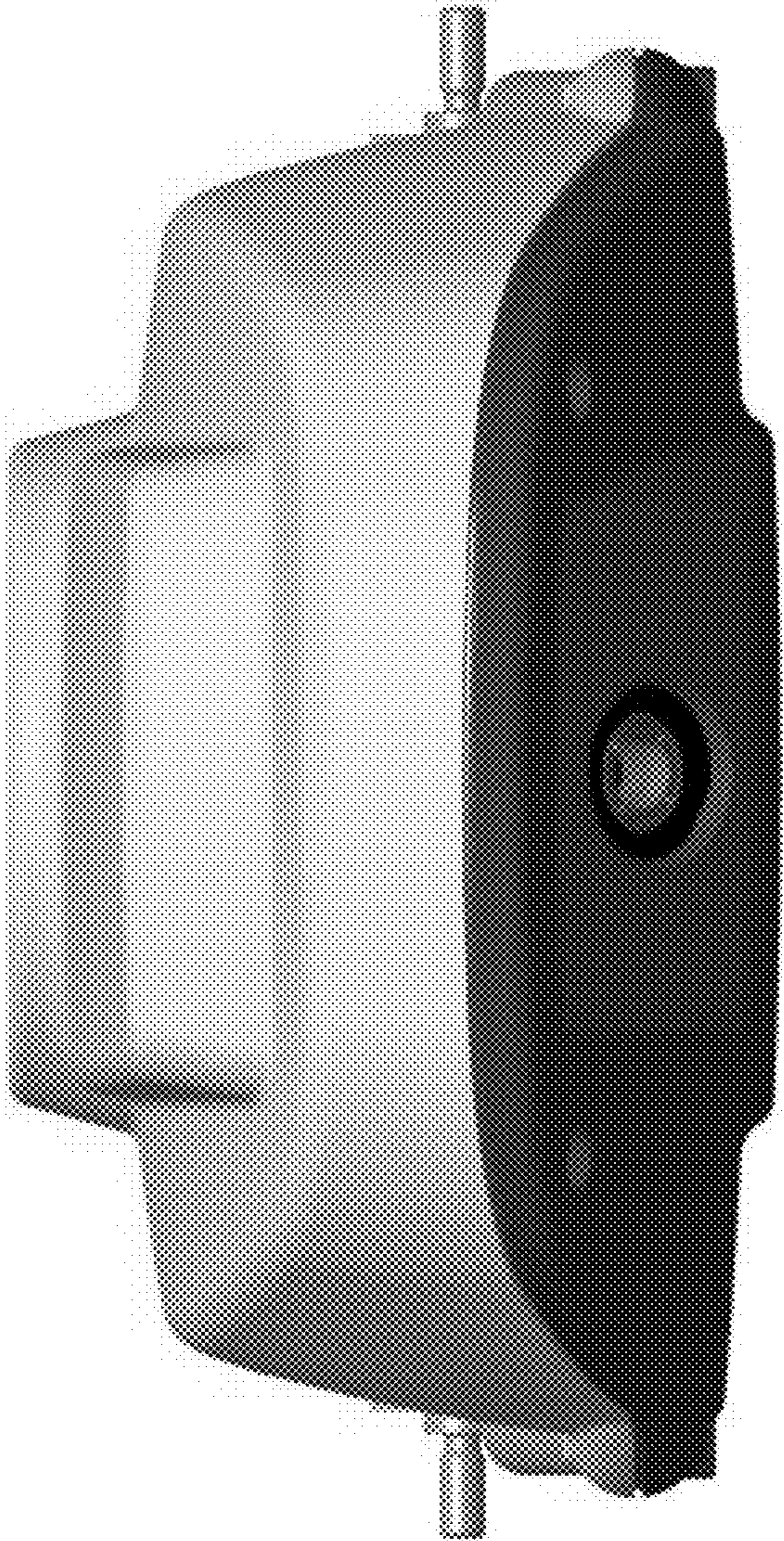


Fig. 1

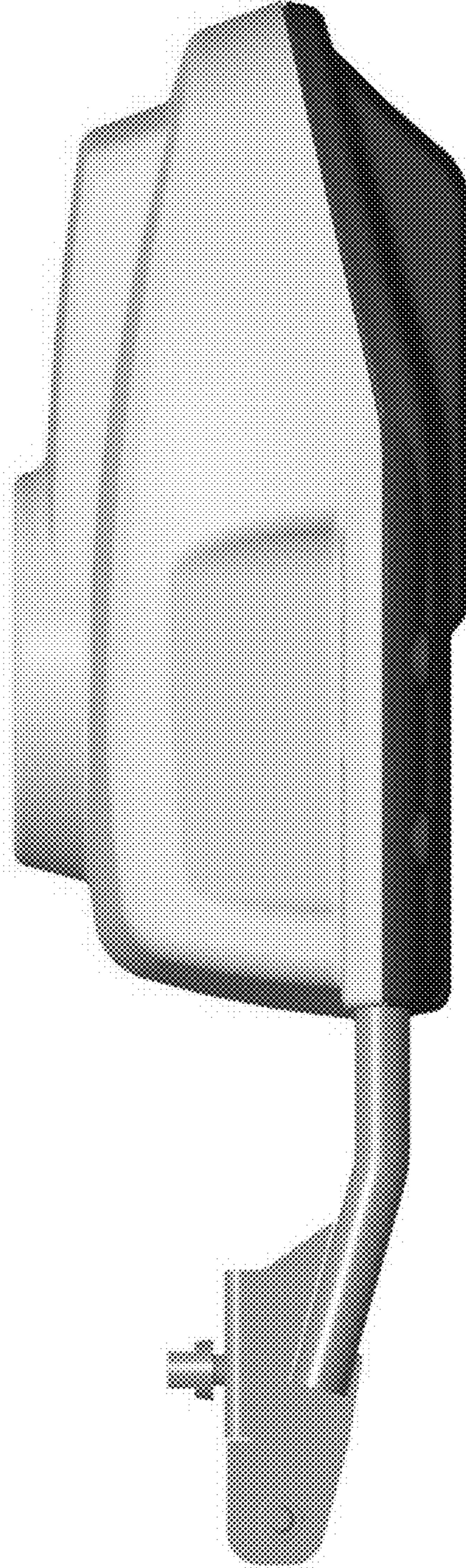


Fig. 2

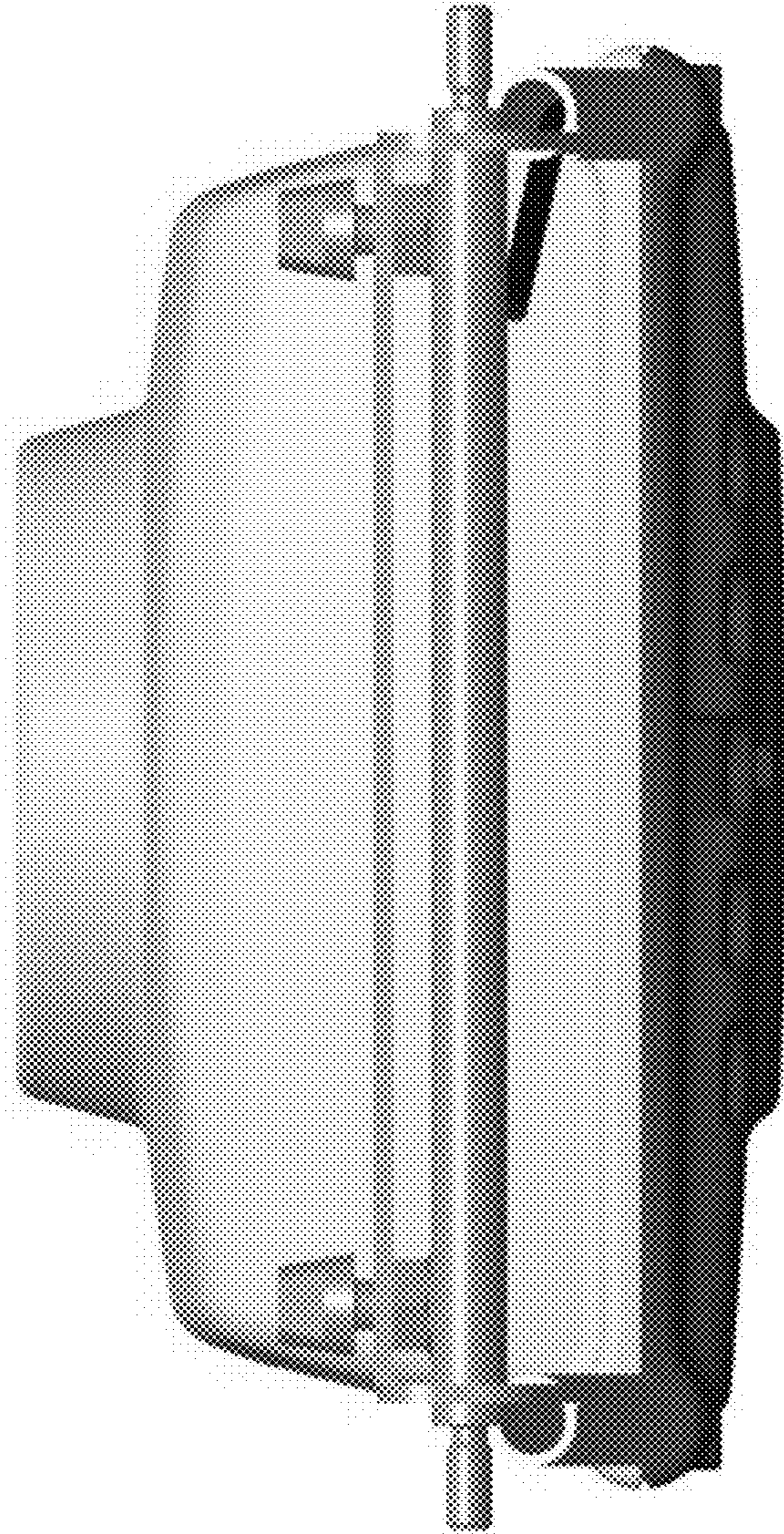


Fig. 3

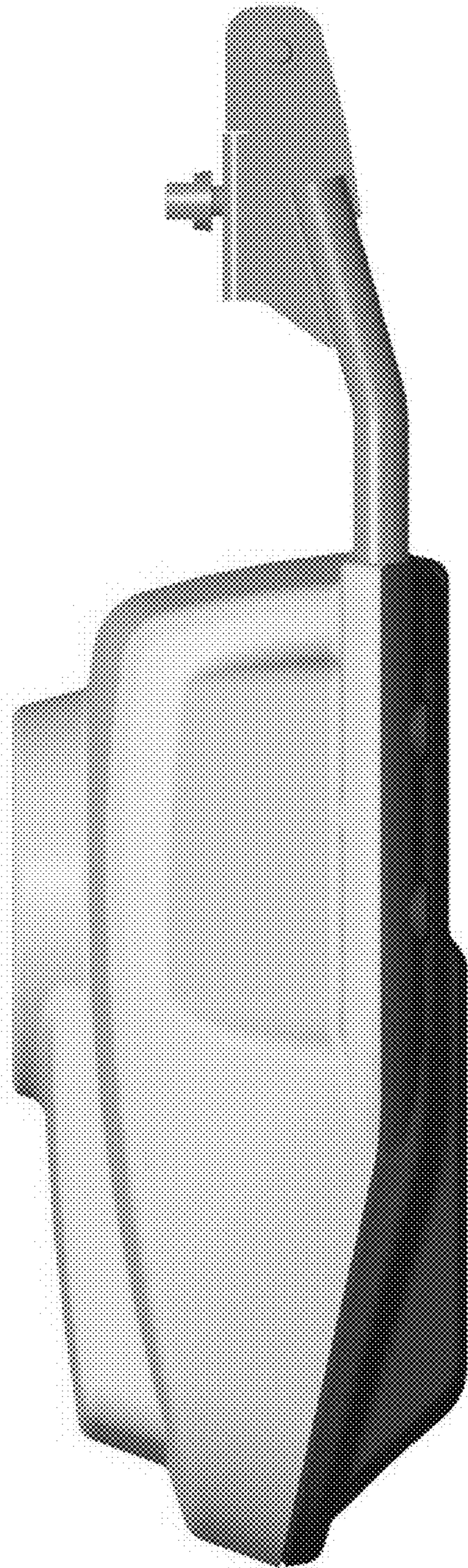


Fig. 4

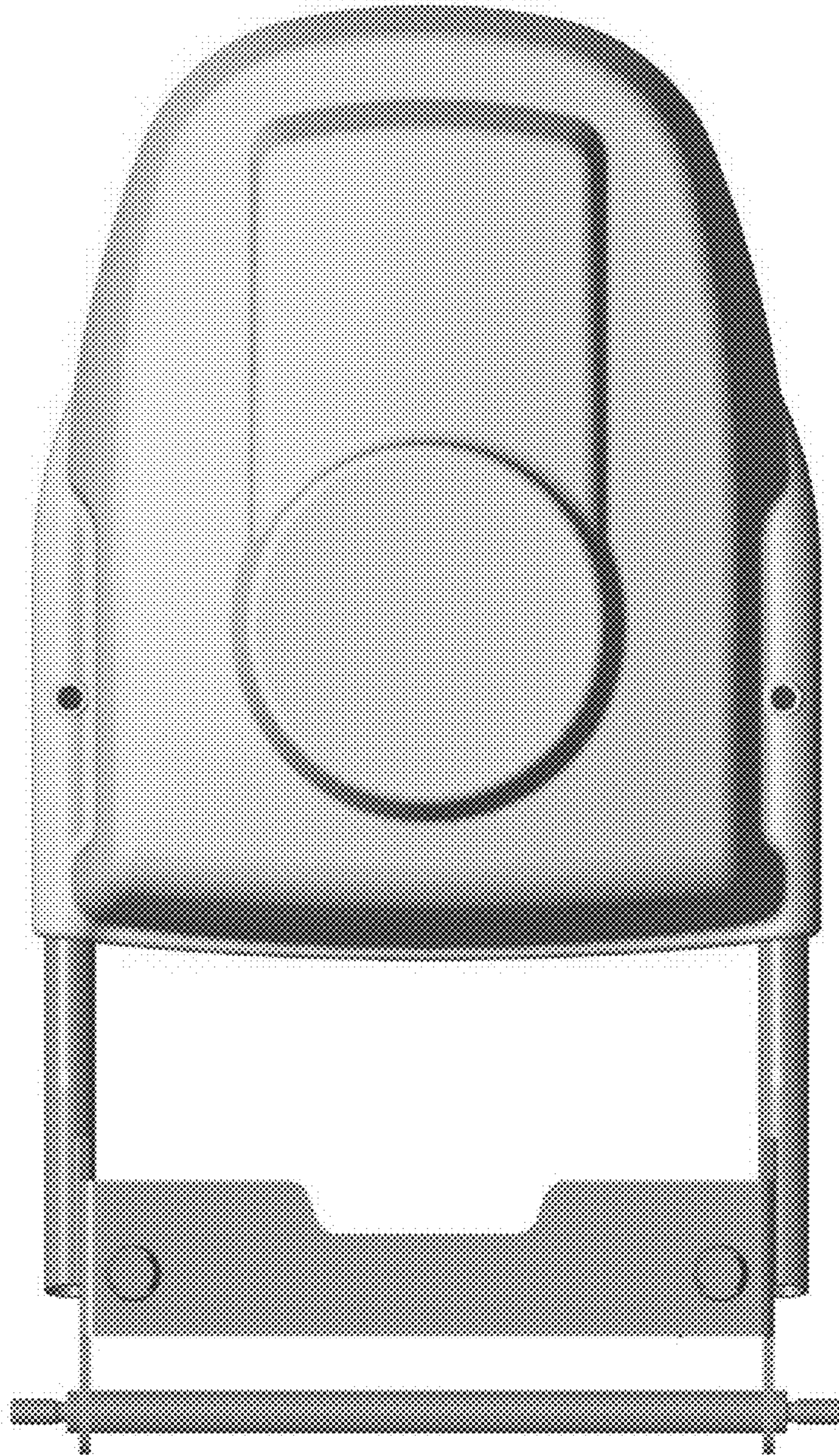


Fig. 5



Fig. 6



Fig. 7

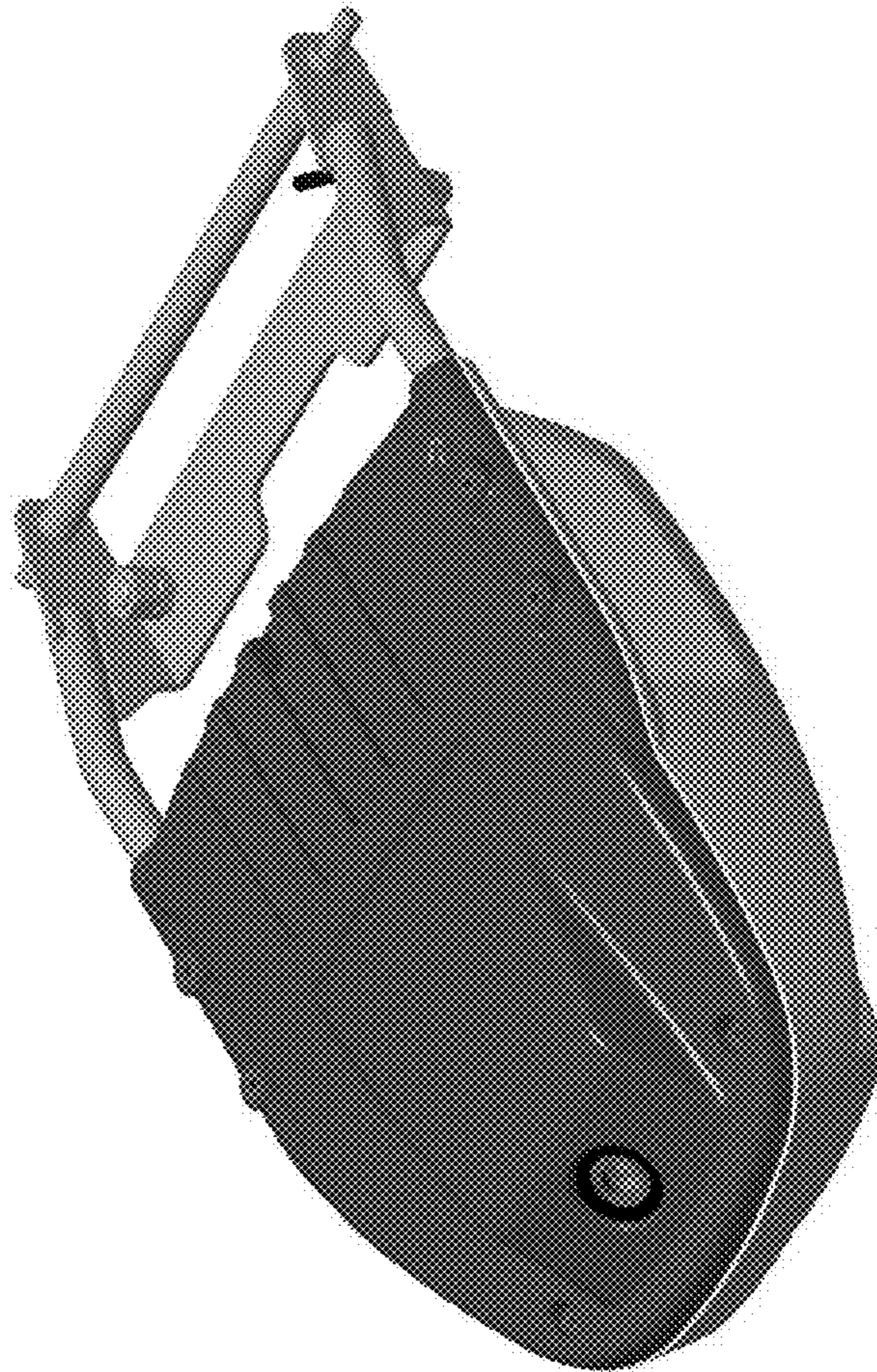


Fig. 8