



US00D860995S

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

(10) **Patent No.:** **US D860,995 S**

(45) **Date of Patent:** **** Sep. 24, 2019**

(54) **HANDHELD SCANNER**

(71) Applicant: **Zircon Corporation**, Campbell, CA (US)

(72) Inventor: **Barry Wingate**, San Jose, CA (US)

(73) Assignee: **Zircon Corporation**, Campbell, CA (US)

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

(21) Appl. No.: **29/632,815**

(22) Filed: **Jan. 10, 2018**

(51) **LOC (12) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/426**; D10/62; D10/78

(58) **Field of Classification Search**
USPC D14/420, 426-430, 453, 346, 341, 347, D14/412, 138; D13/107, 184; 358/473; 235/462.43, 462.45, 462.47, 462.48, 235/462.44, 462.46, 487, 472.01, 472.02, 235/145 A, 145 R; D10/78, 57, 2, 46, 52, D10/53, 81, 70, 62, 65; 324/426, 66, 67, 324/662; D3/273; 710/73; D18/7; 361/679, 728, 679.56, 683; 382/313, 321, 382/314; 455/575.1, 561, 572, 41.2; 345/156, 168, 169, 172, 173, 87, 179, 345/183; 705/17, 18, 22-25; D16/206, D16/218, 202, 219, 208, 209; 356/328; 396/419, 423, 424; 374/130, 100, 121, 374/102, 141, 124, 170, 104, 103; 702/130, 135; 348/164, 165, 149, 333.01, 348/333.11, E5.043, E5.047, E5.09, 33, 348/82, E5.028, 347, 373, 374, 375, 66; 250/330, 351, 353, 332, 334, 358.1, 250/316.1, 338.1, 568; 600/549, 474, 600/413, 473, 200, 184, 437, 427, 439, 600/109, 178, 180, 237, 241; D24/186, D24/185, 187, 152, 158, 133, 144, 146, D24/107, 112, 206, 200, 209, 215, 167, D24/214, 210; D21/333; D28/44, 48; D8/99, 62; 359/214; 16/110.1, 430, 431;

439/133, 135; 433/29, 37, 72, 114, 116; 709/219, 201; 320/114, 115, 123; D32/33; D2/919, 923-925, 939, 946, D2/964, 969, 971, 979, 907
CPC G06F 1/626; G06F 1/1626; G06F 1/1656; G06F 1/1632; G06F 1/1684; G06F 1/1635; G06F 8/63; G06F 17/30091; G06F 9/4401;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,748,472 A * 6/1956 Sheley B26B 19/44 30/133
D342,489 S * 12/1993 Tzu-Chin D14/426

(Continued)

Primary Examiner — Susan Moon Lee
(74) *Attorney, Agent, or Firm* — Silicon Valley Patent Group LLP; Thomas C. Chan

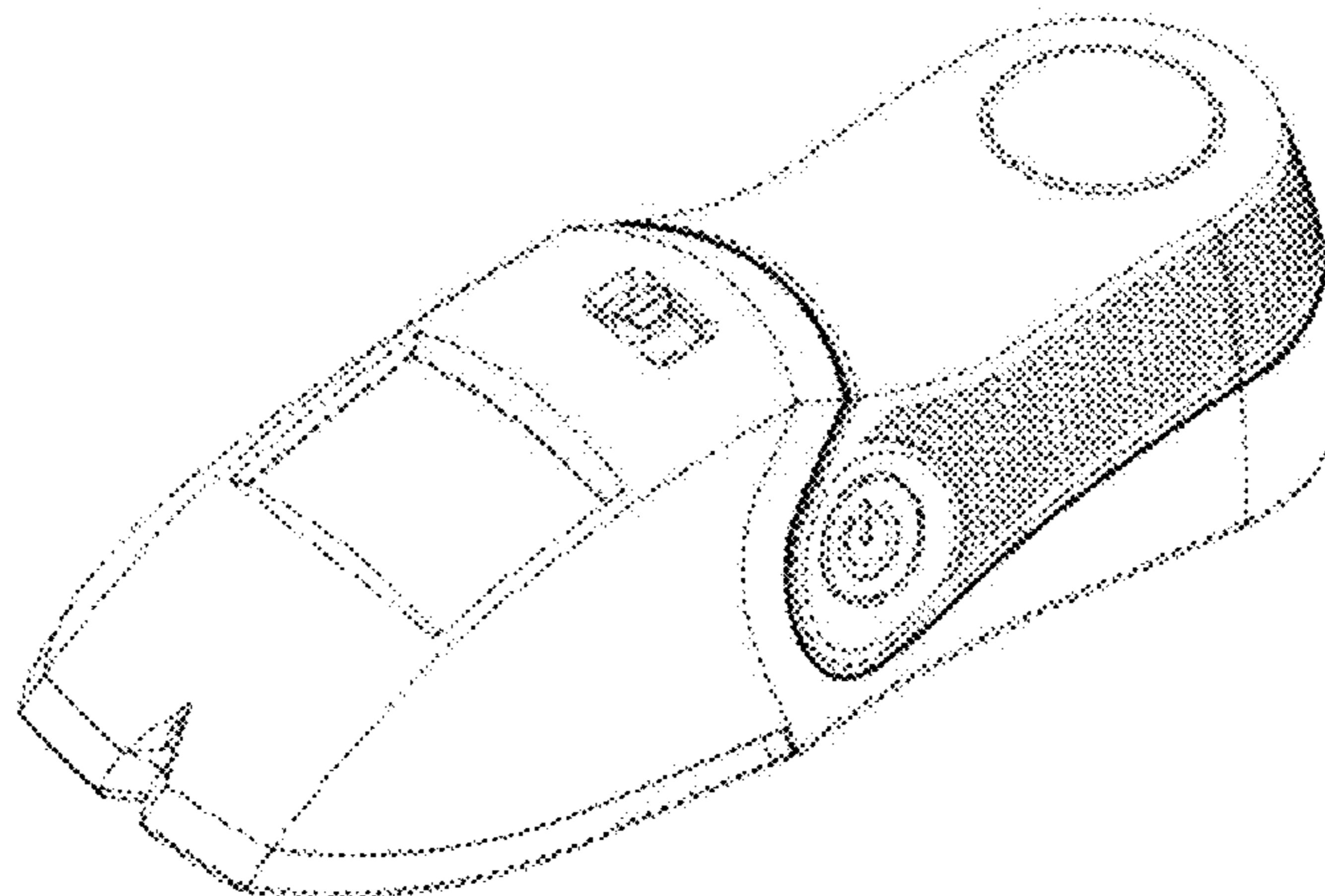
(57) **CLAIM**

I claim the ornamental design for a handheld scanner, as shown and described.

DESCRIPTION

FIG. 1 is a left side elevation view of a handheld scanner showing my new design;
FIG. 2 is a right side elevation view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a front elevation view thereof;
FIG. 6 is a back elevation view thereof; and,
FIG. 7 is a top right perspective view thereof.
The broken lines and unshaded portions contained within broken lines depict unclaimed features of the handheld scanner that form no part of the design claim but are shown for illustrative purposes. In turn, the design claim is comprised solely of the contour depicted in solid lines.

1 Claim, 5 Drawing Sheets



US D860,995 S

(58) Field of Classification Search

CPC G06F 3/03545; G06K 7/10881; G06K 7/1098; G06K 7/1404; G06K 7/0004; G06K 7/10633; G06K 7/10851; G06K 7/1091; G06K 7/1092; G06K 7/1093; G06K 7/10; G06K 7/109; G06K 7/10722; G06K 7/1417; G06K 9/228; G06K 17/0022; G06K 17/00; G06K 2207/1011; G06K 2207/1013; G06K 2207/1016; G06K 2207/1018; G06K 2017/0051; G06K 2017/0067; G06K 2007/10524; G07G 1/0081; G07G 1/009; G06Q 20/20; G06Q 20/201; G06Q 20/202; G06Q 20/203; G06Q 20/30; G06Q 20/32; G06Q 20/322; G06Q 20/4014; G06Q 10/087; H04N 1/00127; H04N 1/00135; H04N 1/00326; H04N 1/00334; H04N 1/00307; H04N 1/107; H04N 2201/0084; H04N 2101/00; H04N 5/332; H04N 5/33; H04N 5/2251; H04N 5/2258; H04N 5/2256; H04N 5/23293; H04N 5/23203; H04N 5/2254; H04N 5/2252; H04N 5/2253; H04N 5/23229; H04N 5/3651; H04M 1/0249; H04M 1/0262; H04M 1/0266; H04M 1/18; H04M 1/23; H04M 1/236; H04B 1/3827; H04B 1/3833; H04B 1/3877; H04B 1/3883; H04B 1/3888; H04B 2001/3894; H01M 2/1066; G01J 5/025; G01J 5/0265; G01J 5/026; G01J 5/027; G01J 5/02; G01J 5/06; G01J 5/08; G01J 5/04; G01J 5/12; G01J 5/00; G01J 5/18; G01J 5/0834; G01J 5/522; G01J 5/0806; G01J 5/028; G01J 2005/0077; G01J 2005/0081; G02B 7/08; G02B 7/04; G01K 1/02; G01K 3/04; G03B 17/18; G03B 3/02; G03B 3/04; G03B 3/10; H02J 7/0044; A61B 8/44; A61B 8/46; A61B 8/4427; A61B 8/4433; A61B 8/4438; A61B 8/4444; A61B 8/56; A61B 8/4461; A61B 8/4455; A61B 8/4472; A61B 5/00; A61B 5/0013; A61B 5/0017; A61B 5/0033; A61B 5/004; A61B 5/0062; A61B 5/0064; A61B 5/0068; A61B 5/0066; A61B 5/0086; A43D 3/1433; A43D 3/1441; G08B 5/36; G01V 3/15

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

5,296,807 A * 3/1994 Kousek G01V 3/15
324/235
D375,729 S * 11/1996 Aeschbacher D14/407
D412,674 S * 8/1999 Kaiser D10/65
D416,883 S * 11/1999 Wagner D14/426
D419,545 S * 1/2000 Krantz D14/426
D419,546 S * 1/2000 Krantz D14/426
D425,997 S * 5/2000 Jakubow D24/215
D427,166 S * 6/2000 Krantz D14/453
6,070,292 A * 6/2000 Langelaan A47L 9/02
15/401
D432,539 S * 10/2000 Philyaw D14/420
6,215,293 B1 * 4/2001 Yim G01V 3/15
324/326

6,249,113 B1 * 6/2001 Krantz G01V 3/15
324/67
6,259,241 B1 * 7/2001 Krantz G01V 3/15
324/156
D455,430 S * 4/2002 Krantz D14/426
D455,750 S * 4/2002 Krantz D14/426
6,456,053 B1 * 9/2002 Rowley G01V 3/15
324/67
D476,160 S * 6/2003 Choi D4/121
6,894,508 B2 * 5/2005 Sanoner G01V 3/088
324/326
D518,482 S * 4/2006 Hodges D14/426
D529,403 S * 10/2006 Liu D10/65
D530,232 S * 10/2006 Gist D10/65
D540,994 S * 4/2007 Borges D32/33
D553,248 S * 10/2007 Nguyen D24/186
7,316,073 B2 * 1/2008 Murray G01C 9/06
33/286
D590,111 S * 4/2009 Wiljanen D32/32
D590,157 S * 4/2009 Martin D4/136
D590,553 S * 4/2009 Crevling, Jr. D32/32
7,516,565 B1 * 4/2009 Tsen A47L 13/22
15/321
D609,590 S * 2/2010 Wingate D10/62
D621,112 S * 8/2010 Benacquisto D32/33
D646,445 S * 10/2011 Choi D32/17
D671,121 S * 11/2012 Schickling D14/426
D671,226 S * 11/2012 Aulwes D24/215
D674,978 S * 1/2013 Hill D32/32
D692,570 S * 10/2013 Luzon D24/215
D706,147 S * 6/2014 Wingate D10/62
D706,148 S * 6/2014 Wingate D10/62
D707,143 S * 6/2014 Wingate D10/62
D707,575 S * 6/2014 Wingate D10/62
D708,923 S * 7/2014 Wingate D8/107
D710,362 S * 8/2014 Kaminsky D14/420
D721,289 S * 1/2015 Wingate D10/62
D724,968 S * 3/2015 Wingate D10/62
D726,042 S * 4/2015 Wingate D10/62
9,664,808 B2 * 5/2017 Nguyen G01V 3/10
D789,634 S * 6/2017 Witter D32/32
D793,638 S * 8/2017 LaBarbera D32/32
9,782,048 B2 * 10/2017 Witter A47L 9/06
D827,465 S * 9/2018 Ranieri G01N 27/24
D10/78
D831,905 S * 10/2018 Benacquisto D30/158
10,261,208 B2 * 4/2019 Dorrough G01R 27/2605
D848,871 S * 5/2019 Shao D10/65
2004/0255477 A1 * 12/2004 Levine G01C 15/004
33/286
2006/0021243 A1 * 2/2006 Spanski G01B 3/1084
33/760
2007/0107241 A1 * 5/2007 Sergyeyenko G01C 15/006
33/290
2007/0200547 A1 * 8/2007 Chen G01V 3/15
324/67
2007/0210785 A1 * 9/2007 Sanoner G01R 29/085
324/67
2008/0238403 A1 * 10/2008 Sanoner G01V 3/088
324/67
2009/0151523 A1 * 6/2009 Wingate B25G 1/102
81/489
2010/0097212 A1 * 4/2010 Wingate G01V 3/15
340/540
2011/0094045 A1 * 4/2011 Kao A43D 3/1433
12/128 B
2015/0254959 A1 * 9/2015 Wingate G01V 3/15
340/686.6
2015/0343629 A1 * 12/2015 Wingate B25G 3/38
361/679.01
2016/0077232 A1 * 3/2016 Wingate G01V 3/15
324/67

* cited by examiner

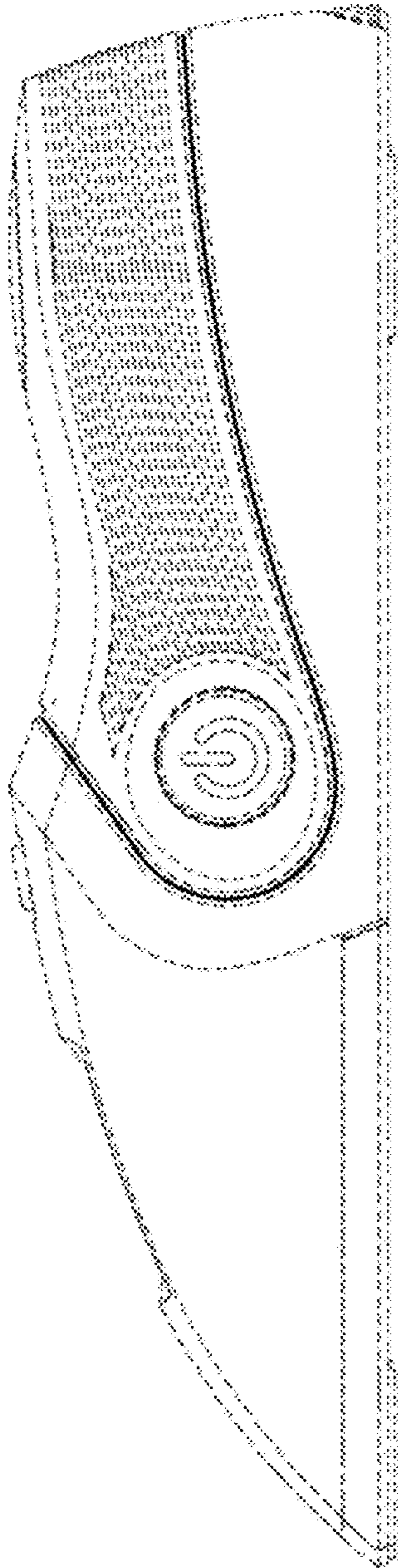


FIG. 1

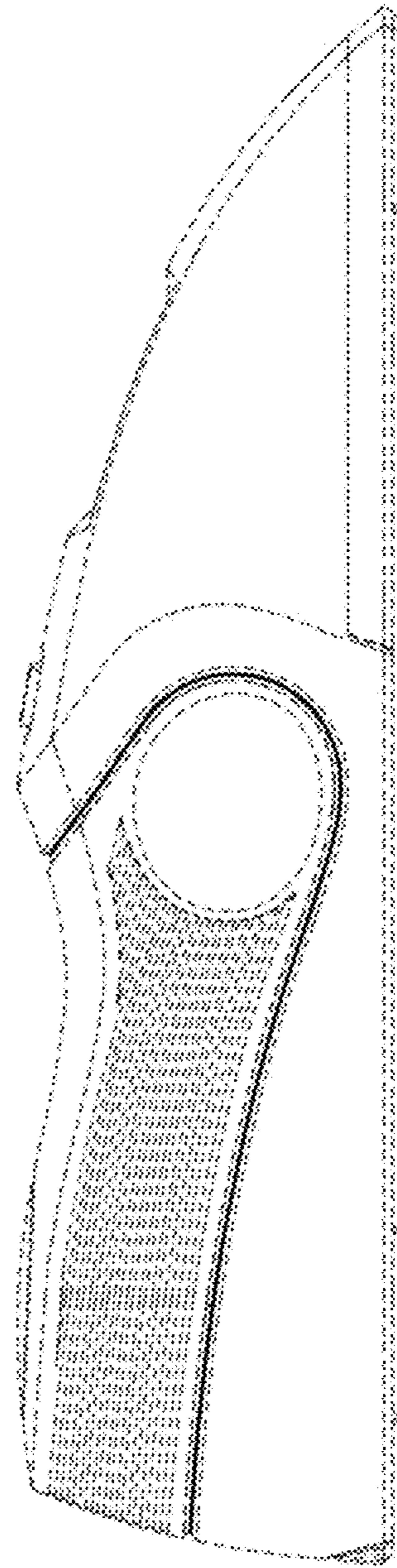


FIG. 2

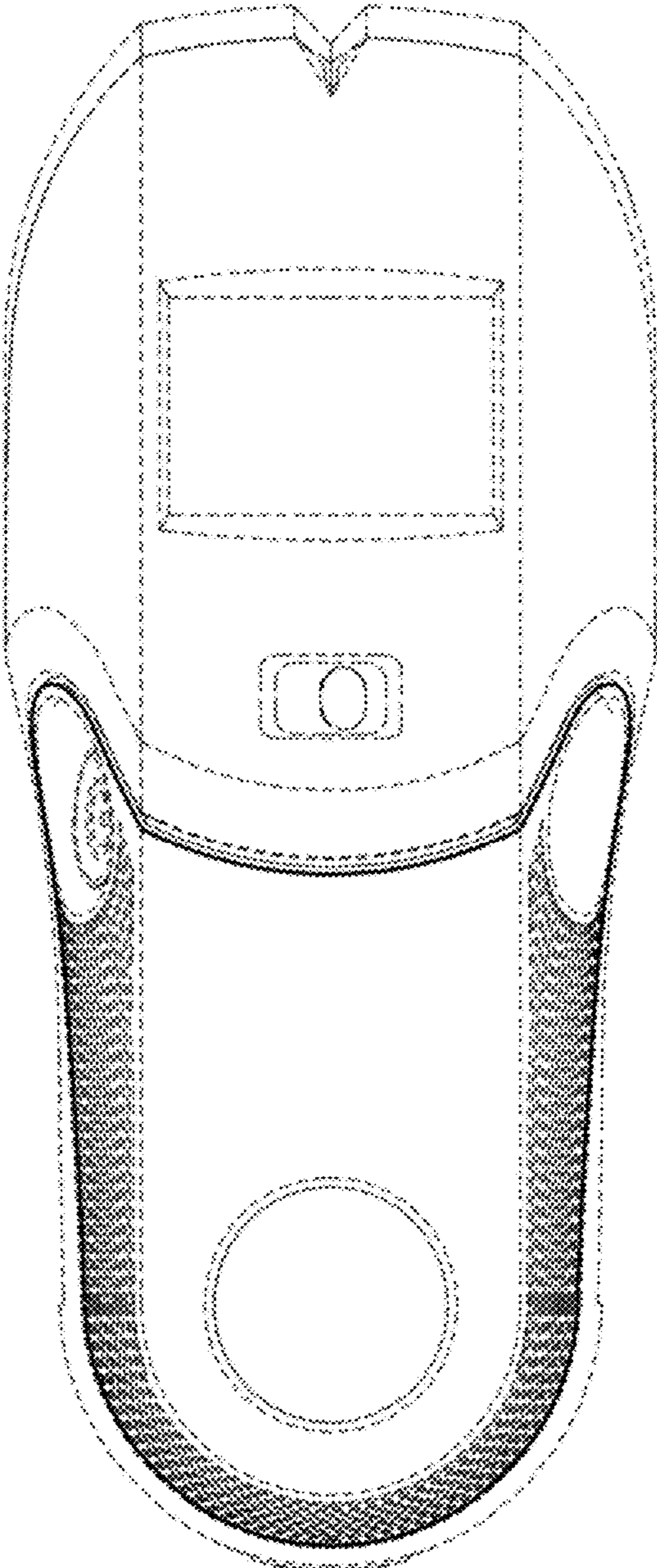


FIG. 3

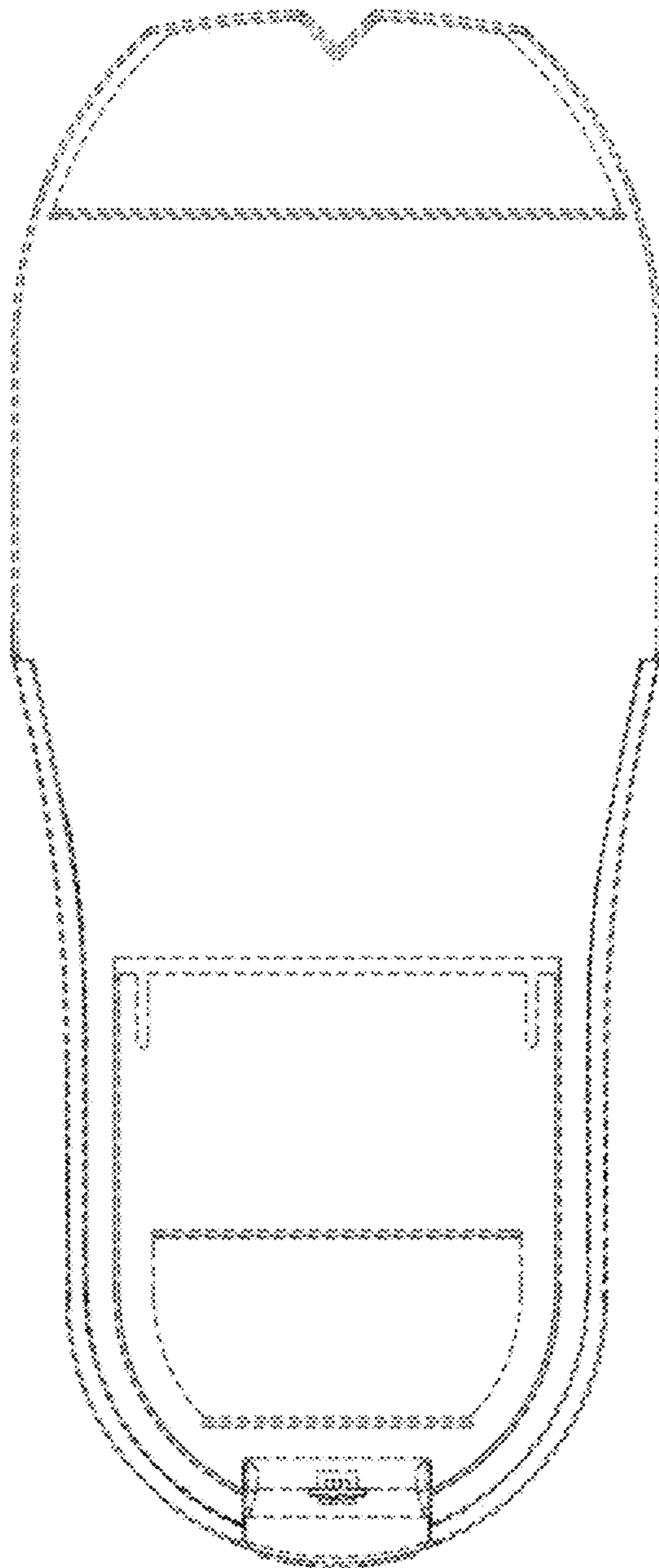


FIG. 4

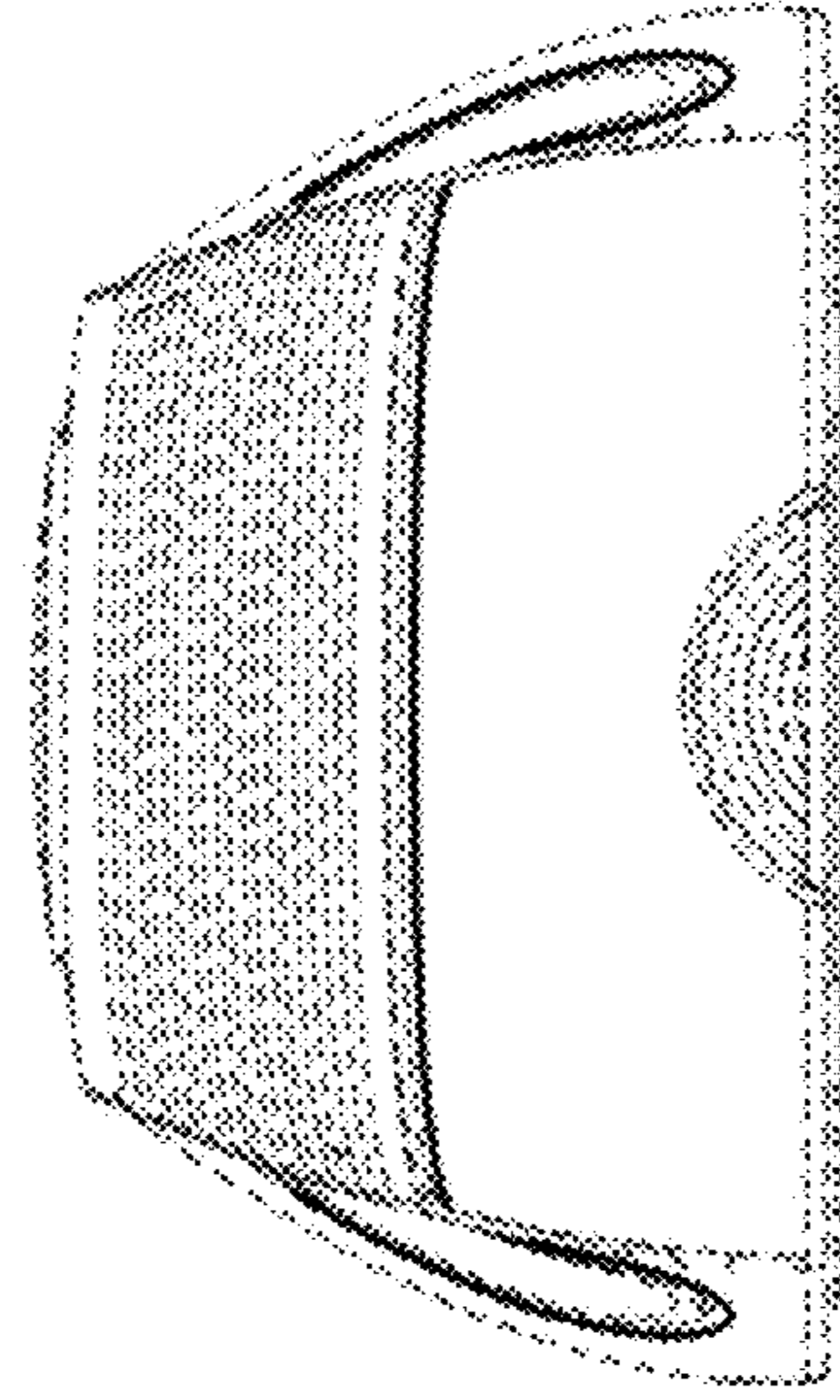


FIG. 6

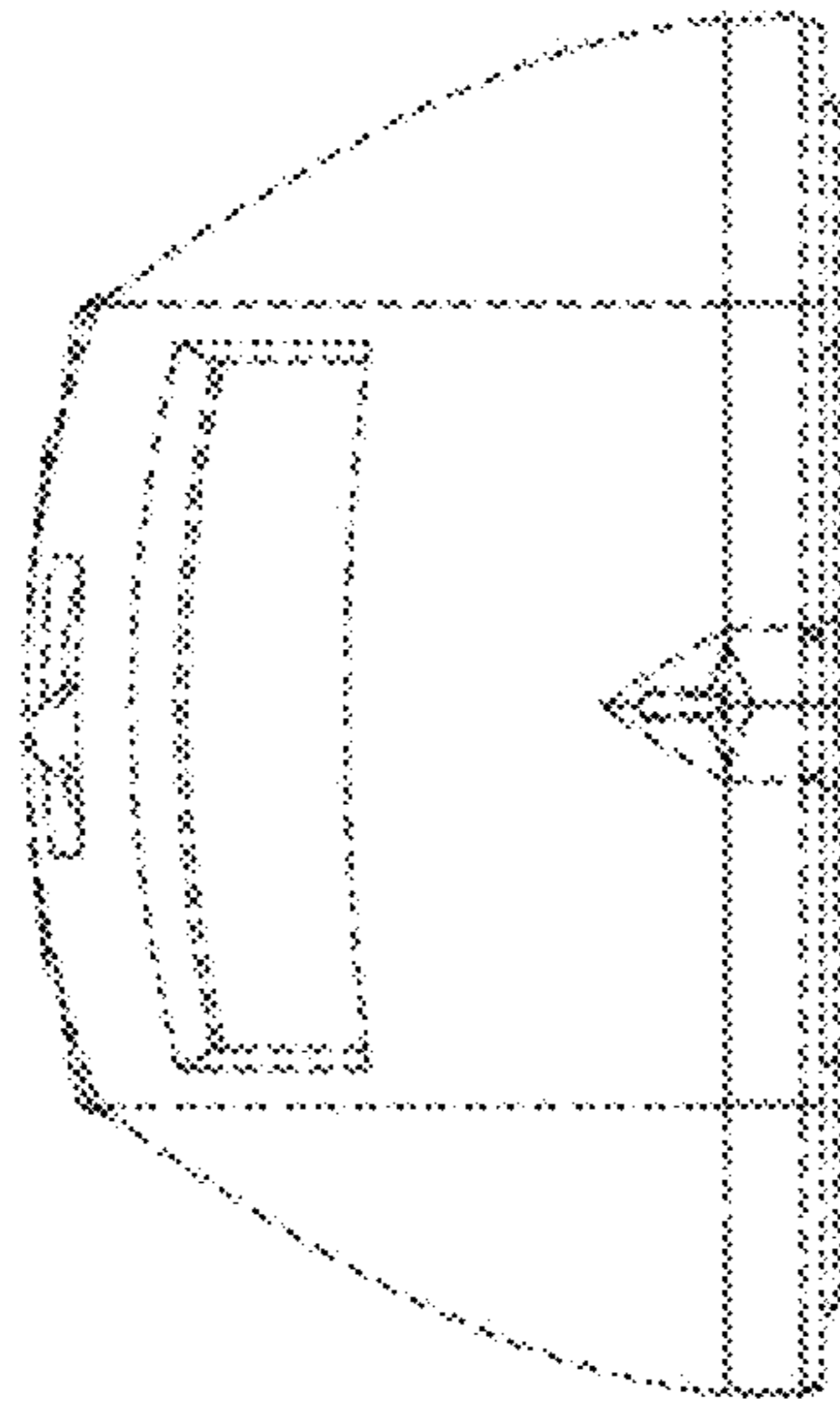


FIG. 5

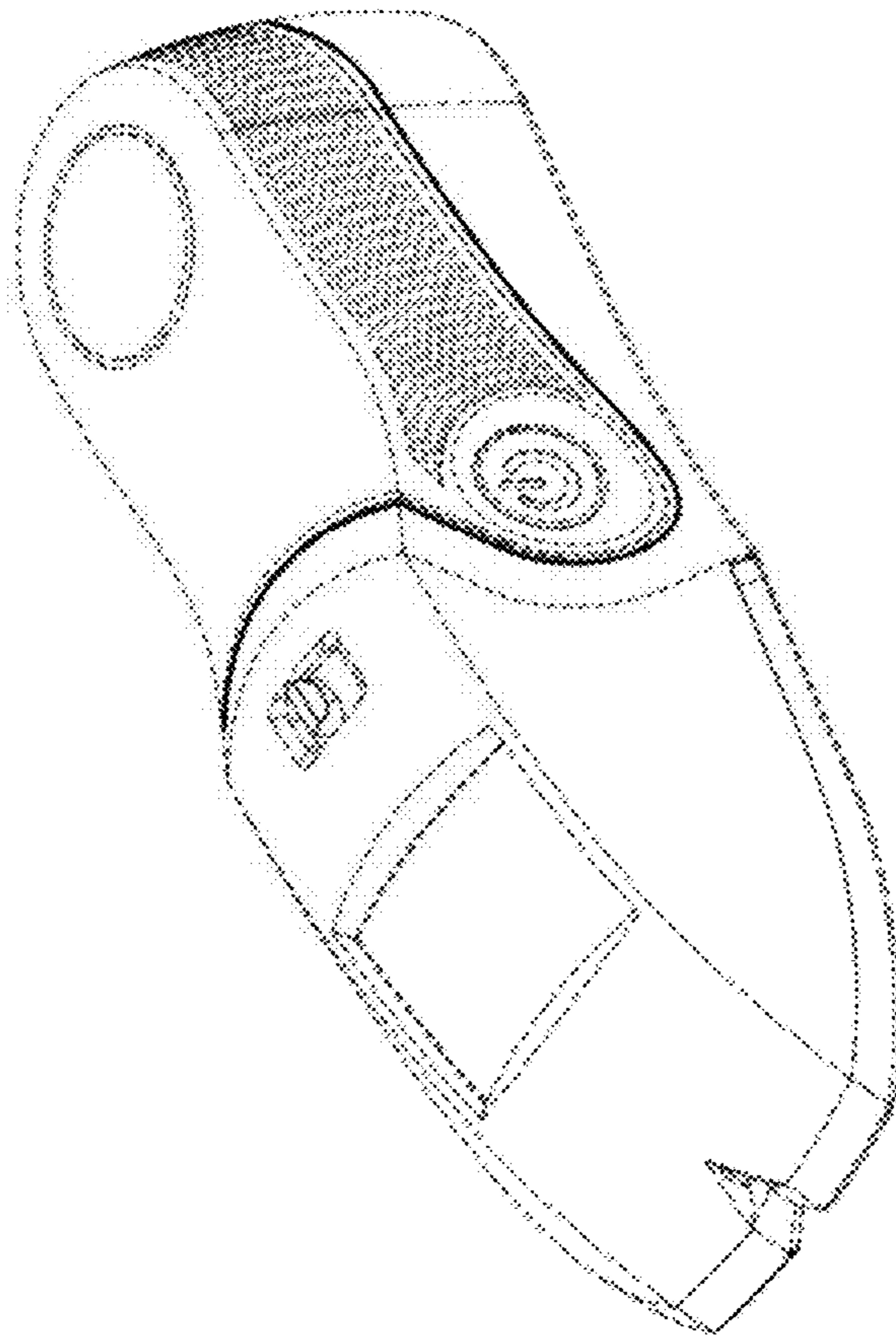


FIG. 7