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

(10) **Patent No.:** **US D964,365 S**

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(54) **THREE DIMENSIONAL SCANNER**

(56) **References Cited**

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(72) Inventors: **Yan Zhang**, Zhejiang (CN); **Jiaji Xu**, Zhejiang (CN)

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(Continued)

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

Primary Examiner — Susan Moon Lee

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(21) Appl. No.: **29/746,015**

(57) **CLAIM**

(22) Filed: **Aug. 11, 2020**

The ornamental design for a three dimensional scanner, as illustrated and described.

(51) **LOC (13) Cl.** **14-02**

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

USPC **D14/428**

(58) **Field of Classification Search**

DESCRIPTION

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, 462.21, 462.42, 462.1, 235/462.35; D10/78, 70; 324/426; D3/273; 710/73; D18/7; 361/679, 728, 361/679.56; 382/313, 312, 276, 285–295, 382/314–325; 455/575.1, 561, 572; 345/156, 168, 169, 172, 173, 87; 705/17, 705/18, 22–25; D26/45–51; D24/185; D8/68; 348/47, 49, E13.074; 702/85, 94, 702/95, 127, 150–168, 189; 356/601–613, 625–640, 2

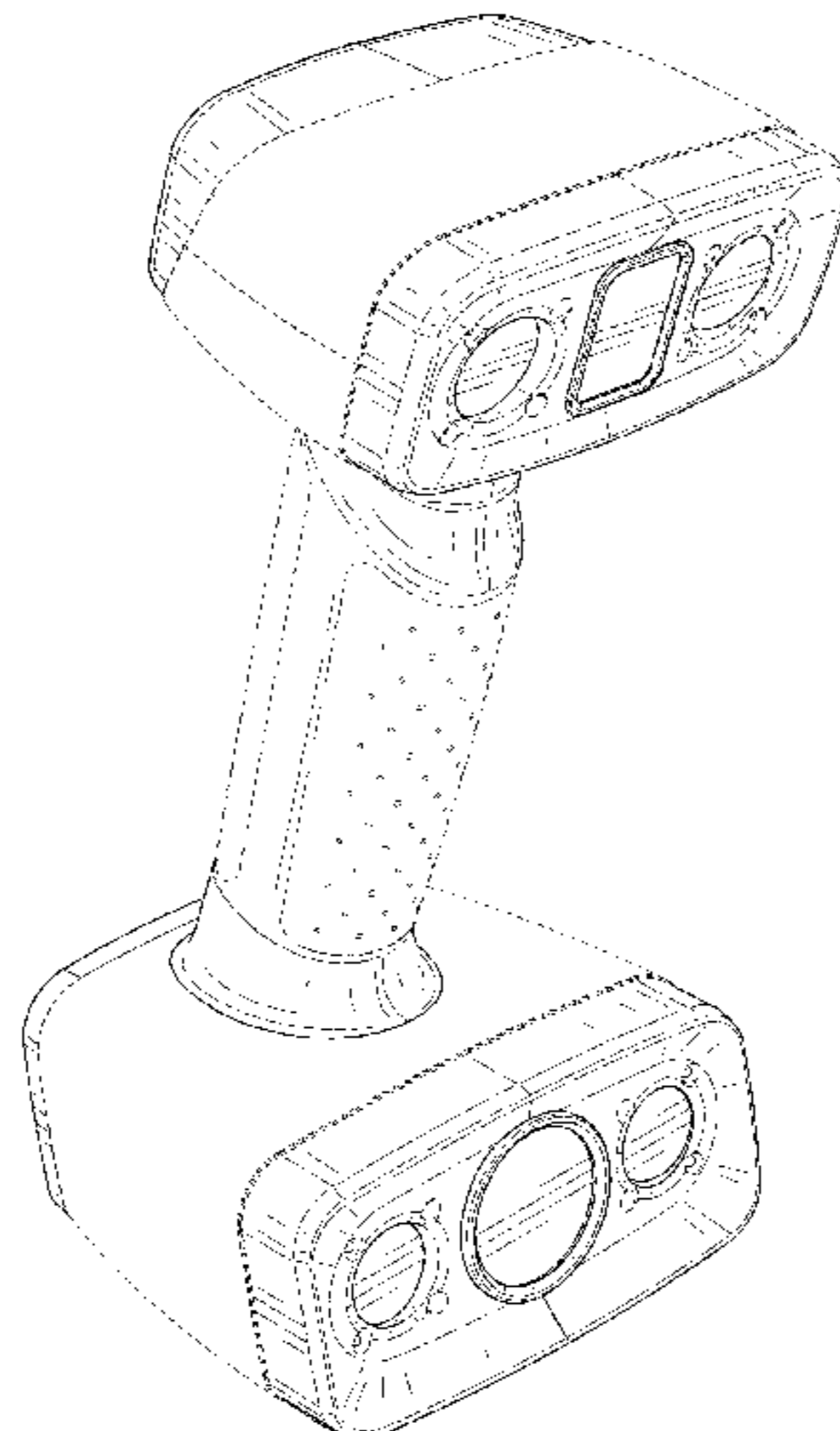
CPC G06F 1/626; G06F 1/1626; G06F 1/1656; G06F 1/1632; G06F 1/1684; G06F 1/1635; G06F 8/63; G06F 17/30091; G06F 9/4401; G06K 7/10881; G06K 7/1098; G06K 7/10722; G06K 7/1404; G06K 7/0004; G06K 7/10633; G06K 7/10693; G06K 7/10544; G06K 7/10732; G06K 7/14; G06K 7/1413; G06K 7/10831; G06K 7/10851;

(Continued)

FIG. 1 is a rear, right-side perspective view of a three dimensional scanner of the present invention; FIG. 2 is a front, left-side perspective view of the three dimensional scanner illustrated in FIG. 1; FIG. 3 is a rear elevational view of the three dimensional scanner illustrated in FIG. 1; FIG. 4 is a front elevational view of the three dimensional scanner illustrated in FIG. 1; FIG. 5 is a left side elevational view of the three dimensional scanner illustrated in FIG. 1; FIG. 6 is a right side elevation view of the three dimensional scanner illustrated in FIG. 1; FIG. 7 is a top plan view of the three dimensional scanner illustrated in FIG. 1; and, FIG. 8 is a bottom plan view of the three dimensional scanner illustrated in FIG. 1.

The broken lines shown in the drawings are shown for illustrative purposes only and form no part of the claimed design. In addition, the surface shading, if any, illustrated in the drawings is provided merely to highlight the contour of the design; it is not intended to be illustrative of texture or gloss.

1 Claim, 8 Drawing Sheets



(58) **Field of Classification Search**

CPC .. G06K 7/1091; G06K 7/1092; G06K 7/1093;
 G06K 7/10; G06K 7/109; 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; G06K
 19/06018; G06K 19/06028; G06K
 19/06037; 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; 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; G01B
 11/2513; G01B 11/25; G01B 11/2518;
 G01C 11/02; G01C 11/025

See application file for complete search history.

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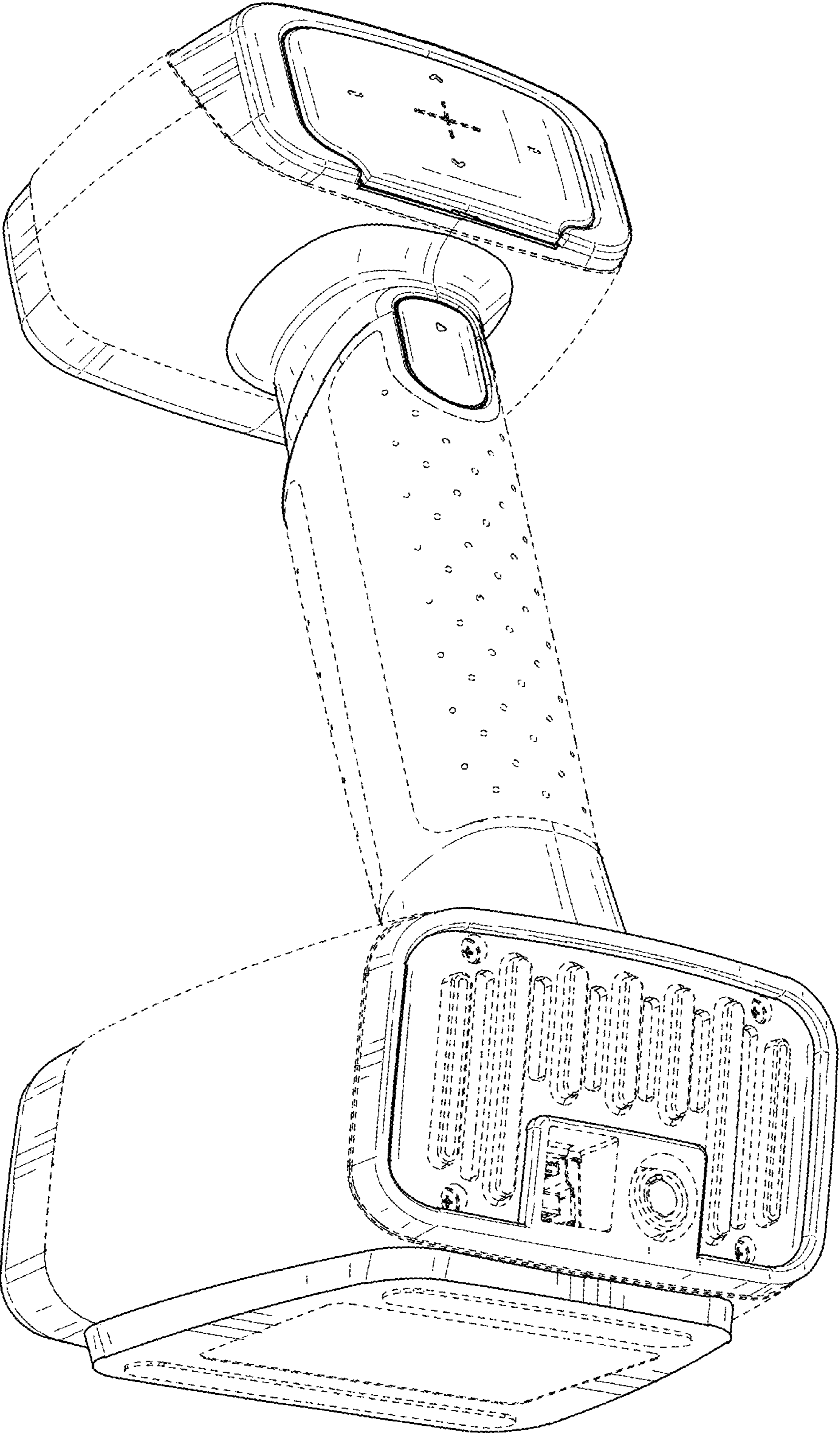


FIG. 1

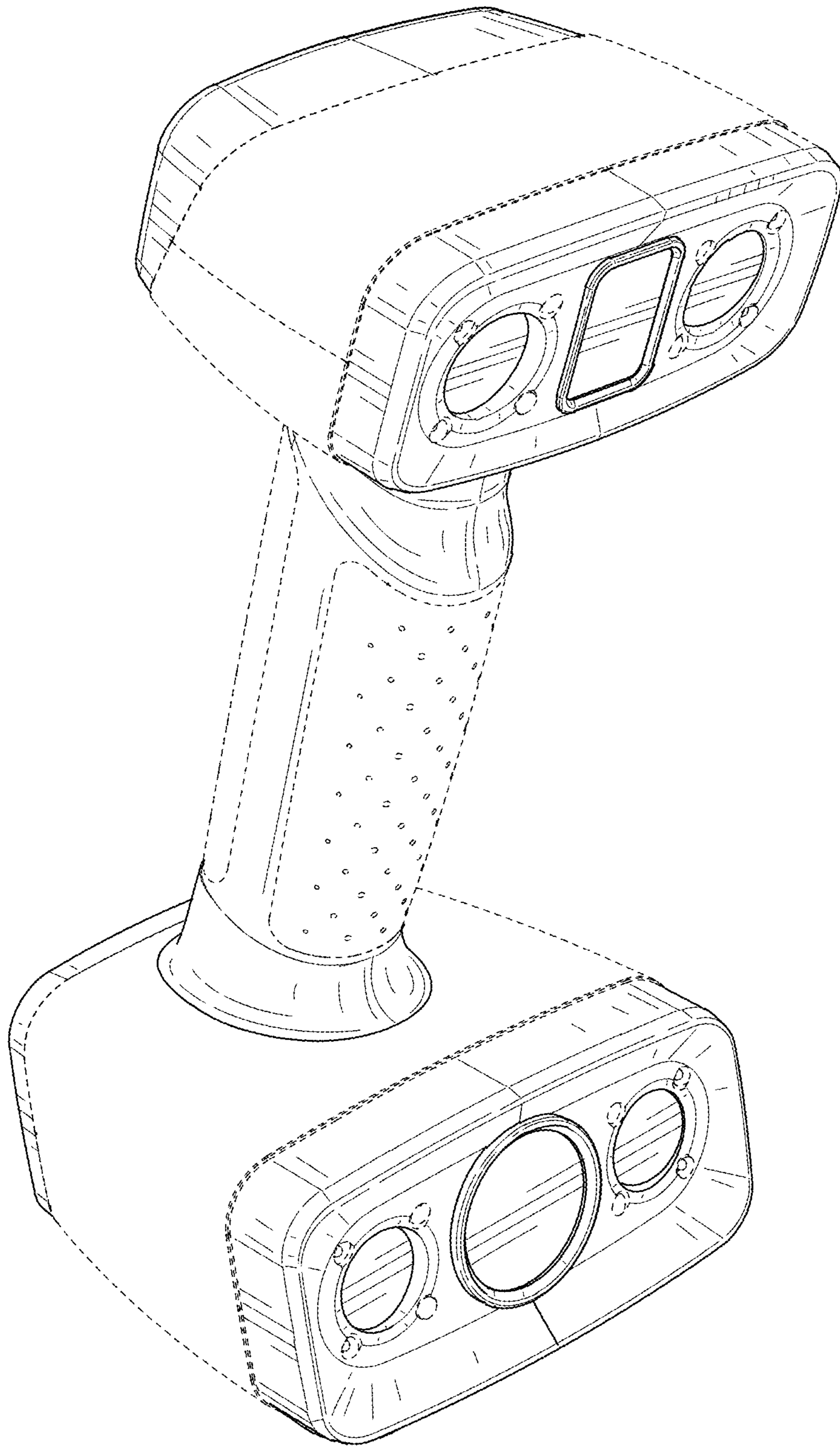


FIG. 2

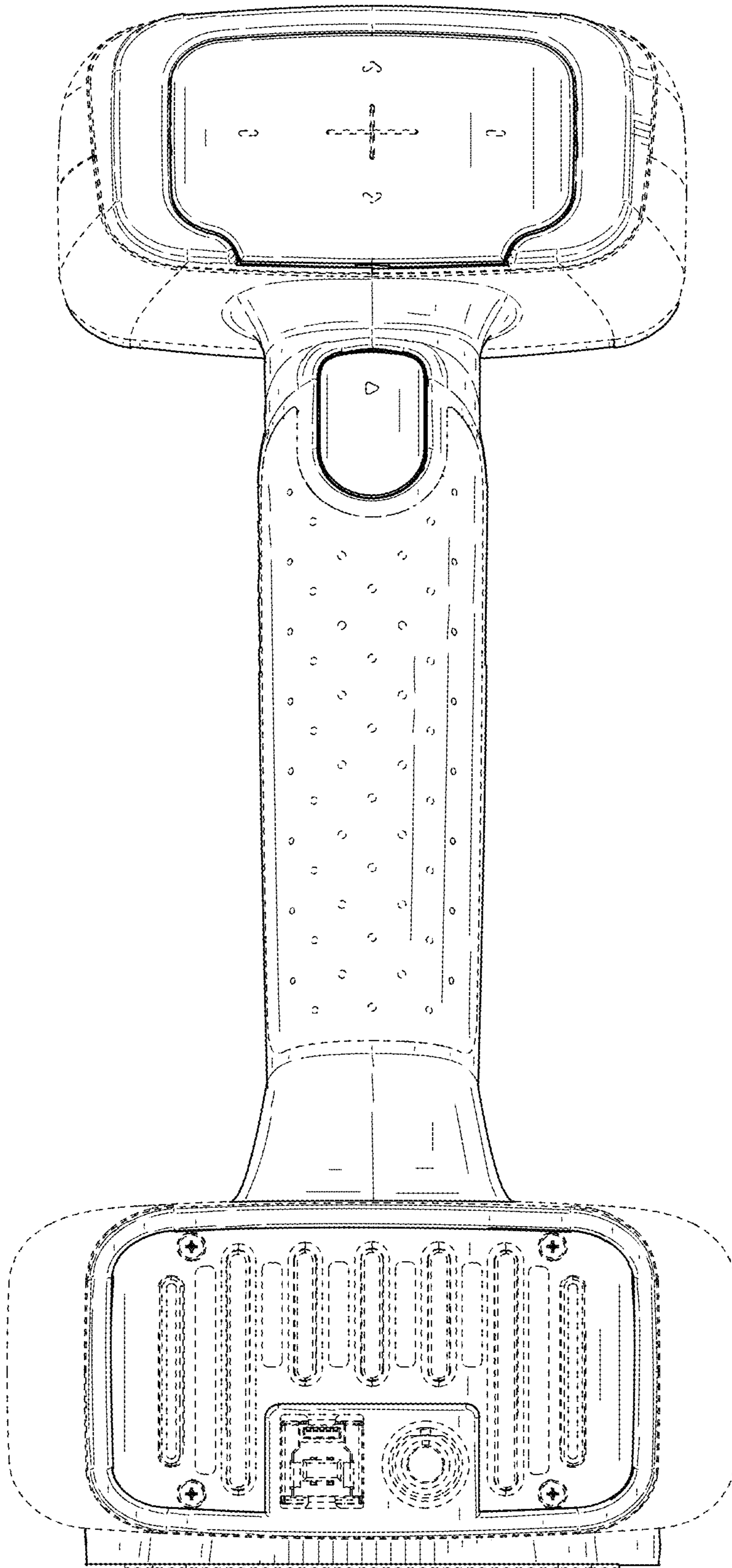


FIG. 3

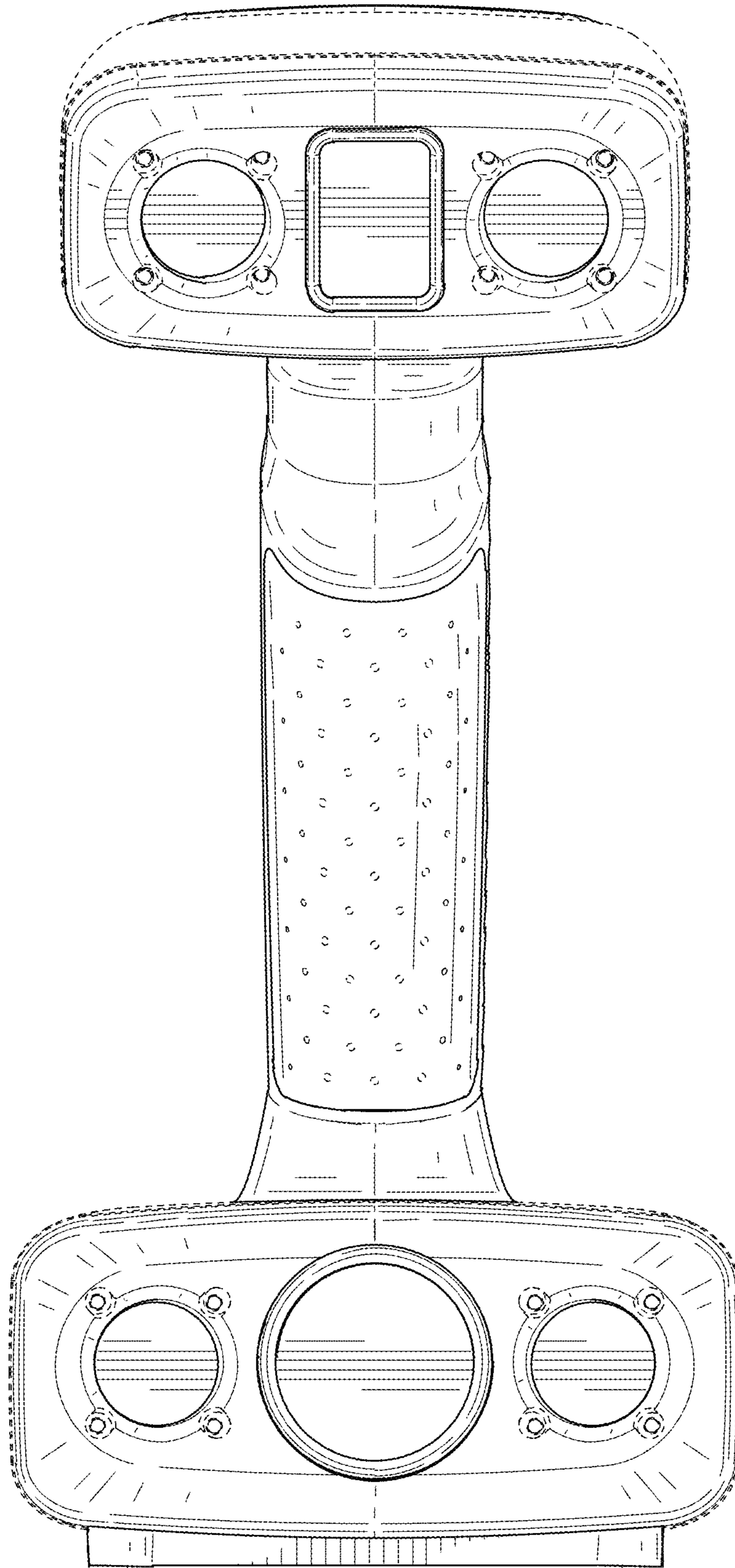


FIG. 4

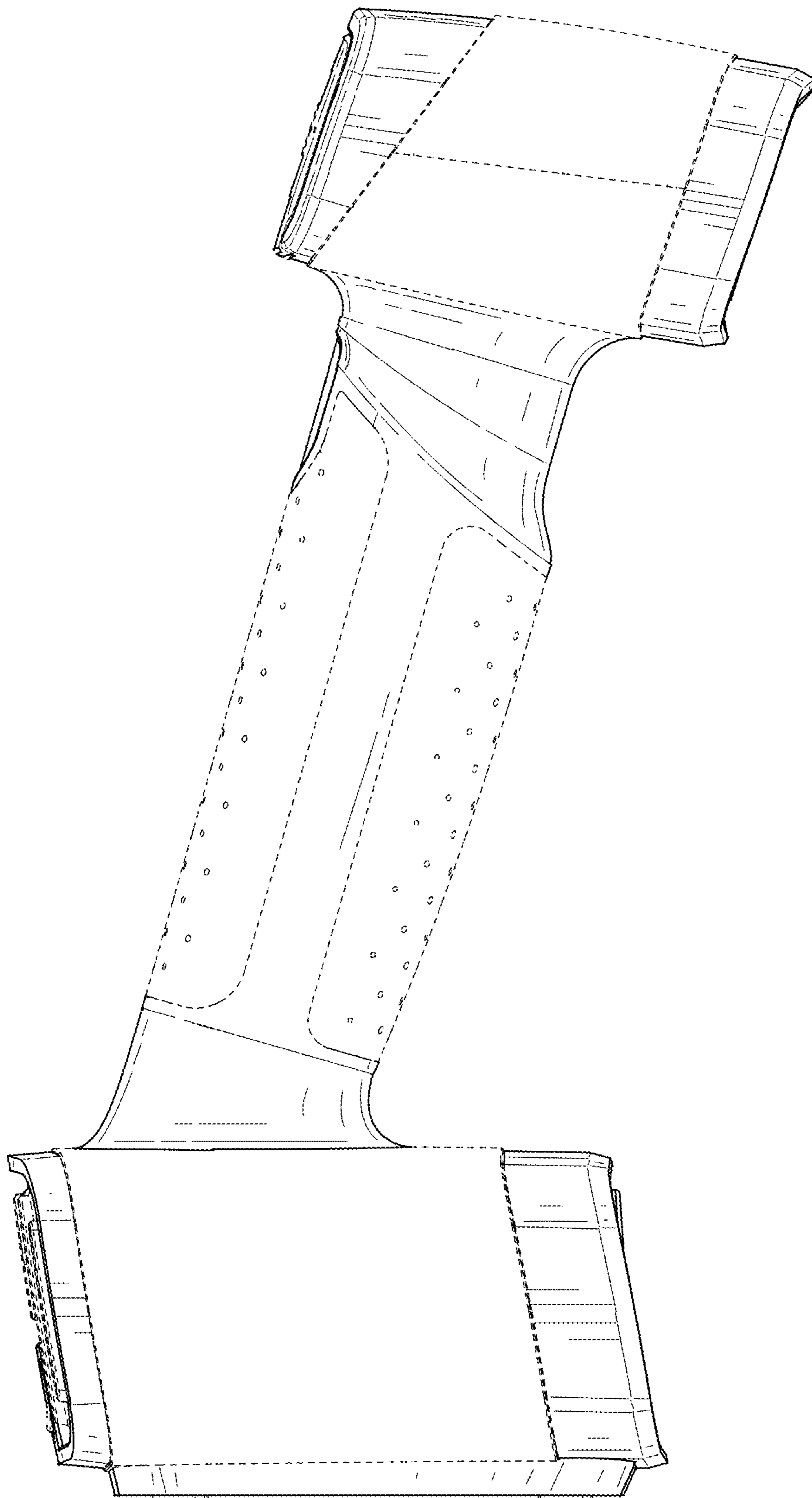


FIG. 5

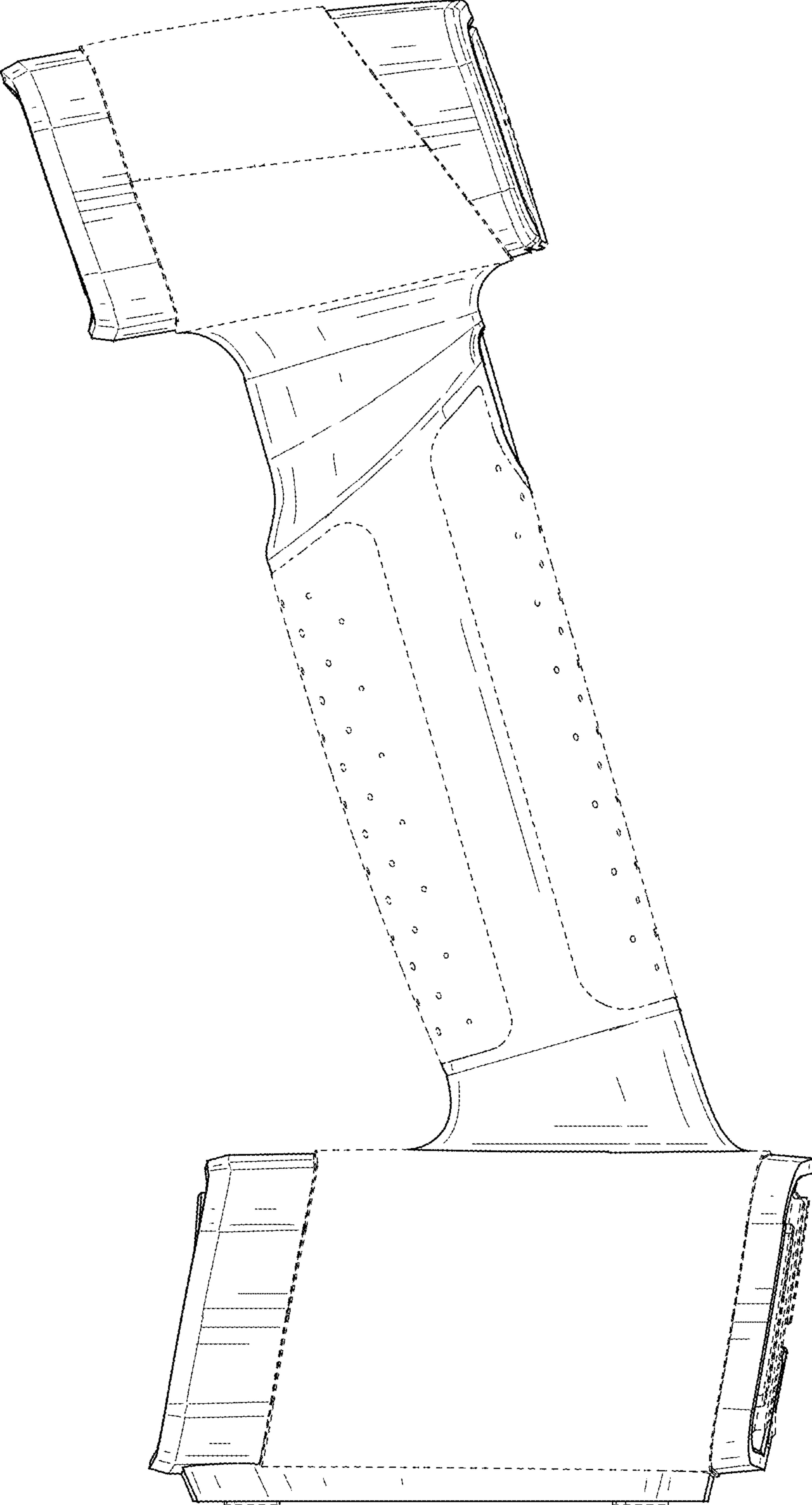


FIG. 6

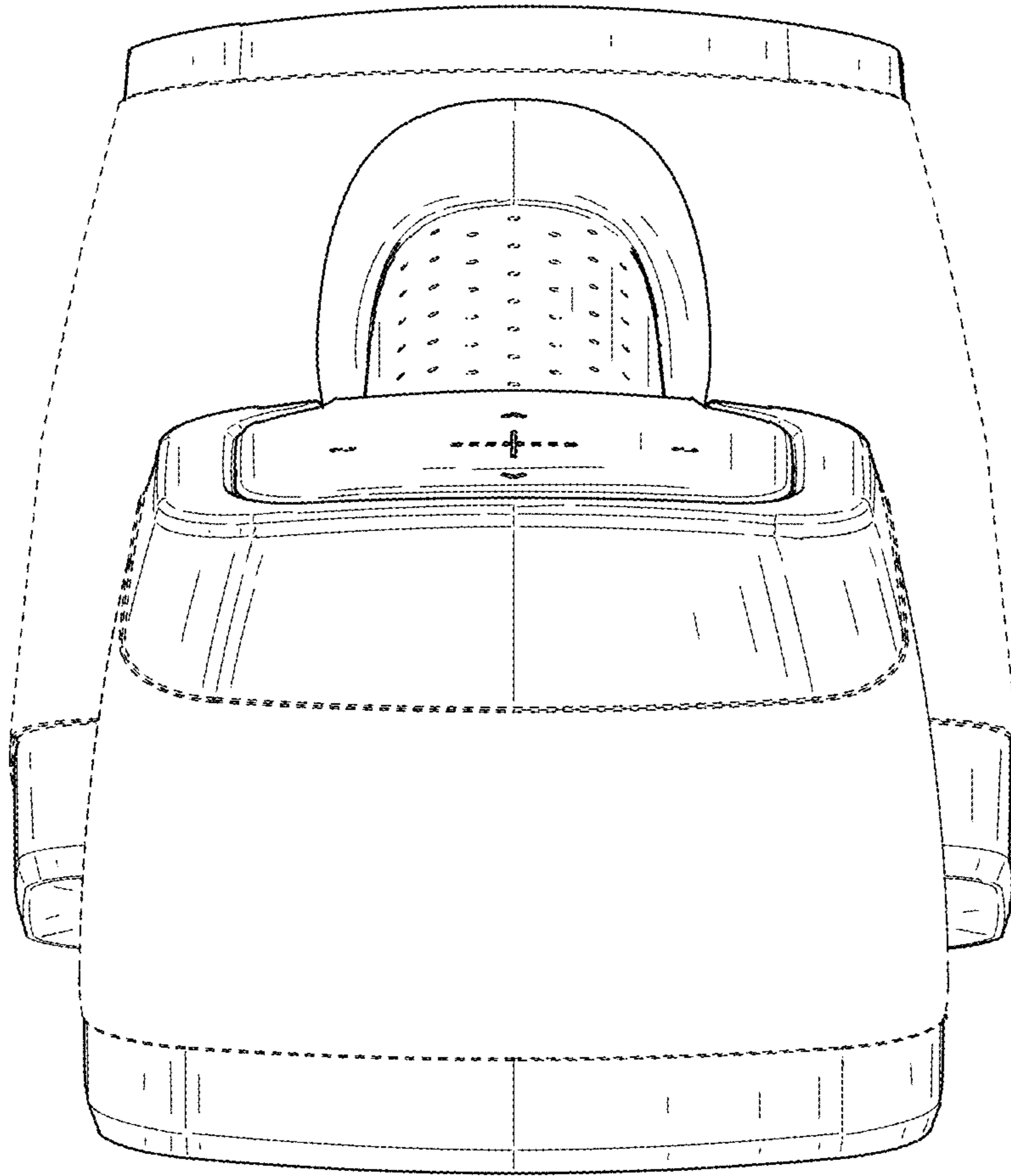


FIG. 7

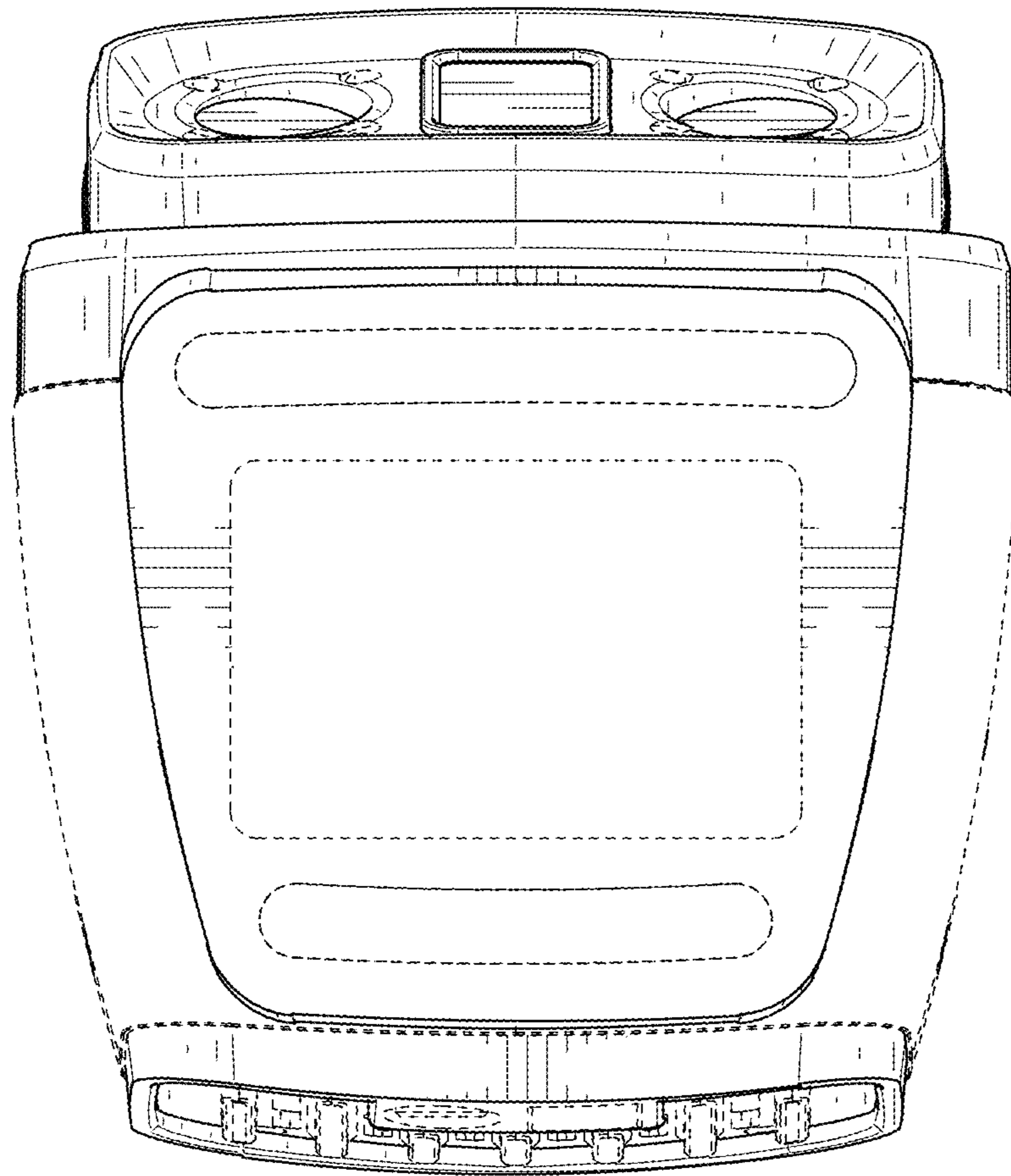


FIG. 8