



US00D937161S

(12) **United States Design Patent** (10) **Patent No.:** **US D937,161 S**  
**Atsushi et al.** (45) **Date of Patent:** **\*\* Nov. 30, 2021**

(54) **HYDRAULIC BRAKE CONTROLLER FOR STRADDLE-TYPE VEHICLES**

(71) Applicant: **ROBERT BOSCH GMBH**, Stuttgart (DE)

(72) Inventors: **Hiroaki Atsushi**, Yokohama (JP); **Kazuki Chiba**, Yokohama (JP)

(73) Assignee: **ROBERT BOSCH GMBH**, Stuttgart (DE)

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

(21) Appl. No.: **35/509,572**

(22) Filed: **Dec. 11, 2019**

(80) **Hague Agreement Data**

Int. Filing Date: **Dec. 11, 2019**  
Int. Reg. No.: **DM/206560**  
Int. Reg. Date: **Dec. 11, 2019**  
Int. Reg. Pub. Date: **Jun. 12, 2020**

(51) **LOC (13) Cl.** ..... **12-16**

(52) **U.S. Cl.**  
USPC ..... **D12/179**

(58) **Field of Classification Search**  
USPC ..... D12/111, 114, 160, 174, 177, 179, 180, D12/189, 223, 400, 408, 420  
CPC .... B62L 1/12; B62L 1/16; B62L 3/023; F16D 55/22; F16D 55/226; F16D 55/2262; F16D 65/14; F16D 65/16; F16D 65/18; F16D 65/22; F16D 65/56; F16D 65/567; F16D 66/02; F16D 65/38  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D369,773 S \* 5/1996 Wang ..... D12/180  
D370,649 S \* 6/1996 Chen ..... D12/179  
5,564,531 A \* 10/1996 Lumpkin ..... B62L 1/005  
188/24.12

D384,018 S \* 9/1997 Nishimura ..... D12/179  
D427,124 S \* 6/2000 Terasawa ..... D12/180  
D427,125 S \* 6/2000 Hanamura ..... D12/180  
D428,370 S \* 7/2000 Hanamura ..... D12/178  
6,412,605 B2 \* 7/2002 Campagnolo ..... B62L 1/12  
188/24.11  
6,564,910 B1 \* 5/2003 Chen ..... B62L 1/00  
188/24.22  
6,761,251 B1 \* 7/2004 Wen ..... B62L 3/023  
188/26  
D512,667 S \* 12/2005 Iwasaki ..... D12/180  
(Continued)

**OTHER PUBLICATIONS**

cxjordancx. "The Best Mountain Bike Brakes for Every Type of Riding." mtbr., Oct. 2, 2020 [online], [retrieved on Sep. 1, 2021]. Retrieved from the Internet <URL: <https://www.mtbr.com/threads/the-best-mountain-bike-brakes-for-every-type-of-riding.1173641/>>.\*

*Primary Examiner* — Darlington Ly  
(74) *Attorney, Agent, or Firm* — Michael Best and Friedrich LLP

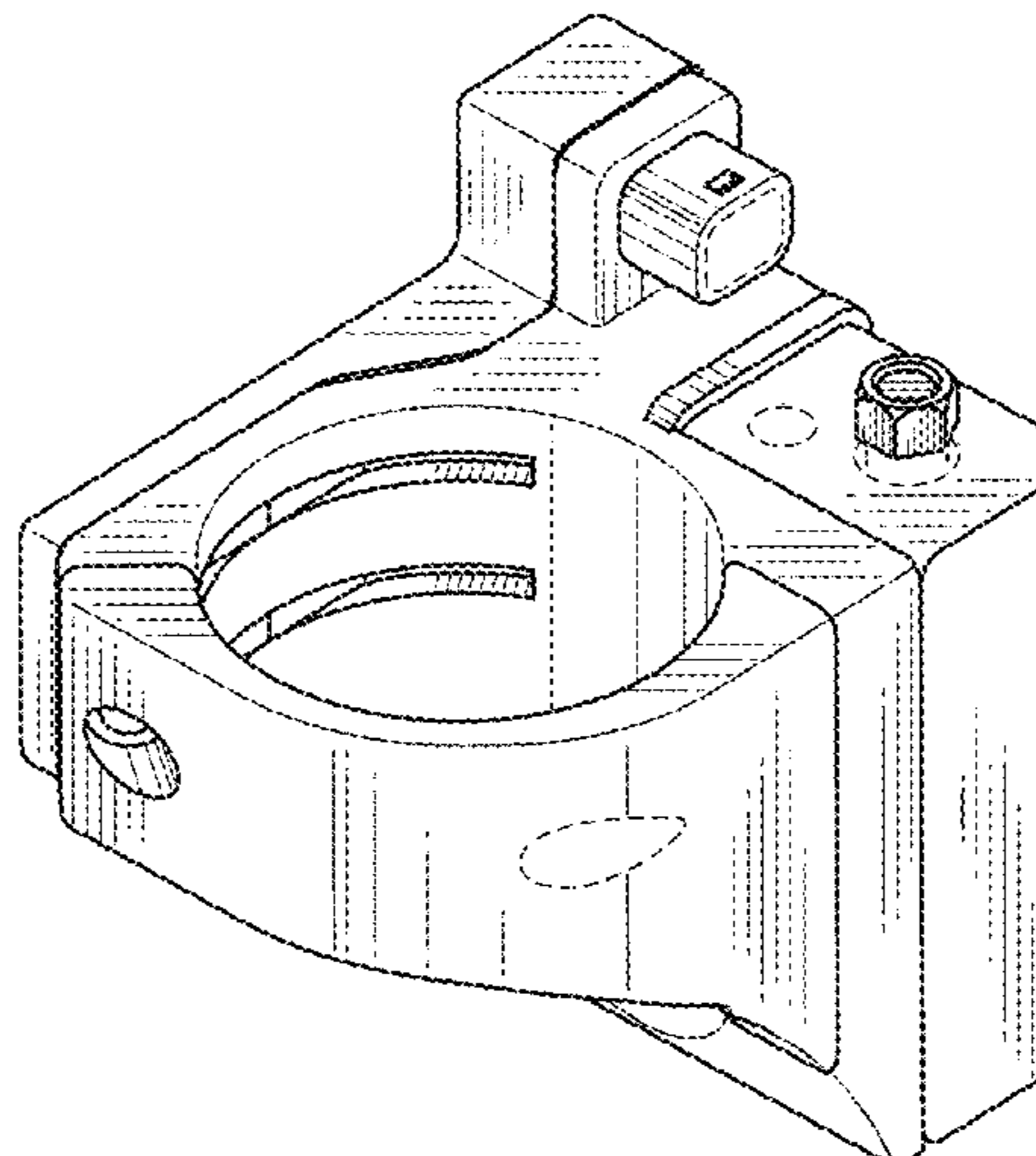
(57) **CLAIM**

The ornamental design for a hydraulic brake controller for straddle-type vehicles, as shown and described.

**DESCRIPTION**

1. Hydraulic brake controller for straddle-type vehicles  
**1.1** is a front elevational view of a hydraulic brake controller for straddle-type vehicles showing our new design;  
**1.2** is a rear elevational view thereof;  
**1.3** is top plan view thereof;  
**1.4** is a bottom plan view thereof;  
**1.5** is a right side elevational view thereof;  
**1.6** is a left side elevational view thereof;  
**1.7** is a top, front, left side perspective view thereof; and  
**1.8** is a top, front, right side perspective view thereof.  
The broken lines depicting portions of the hydraulic brake controller form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

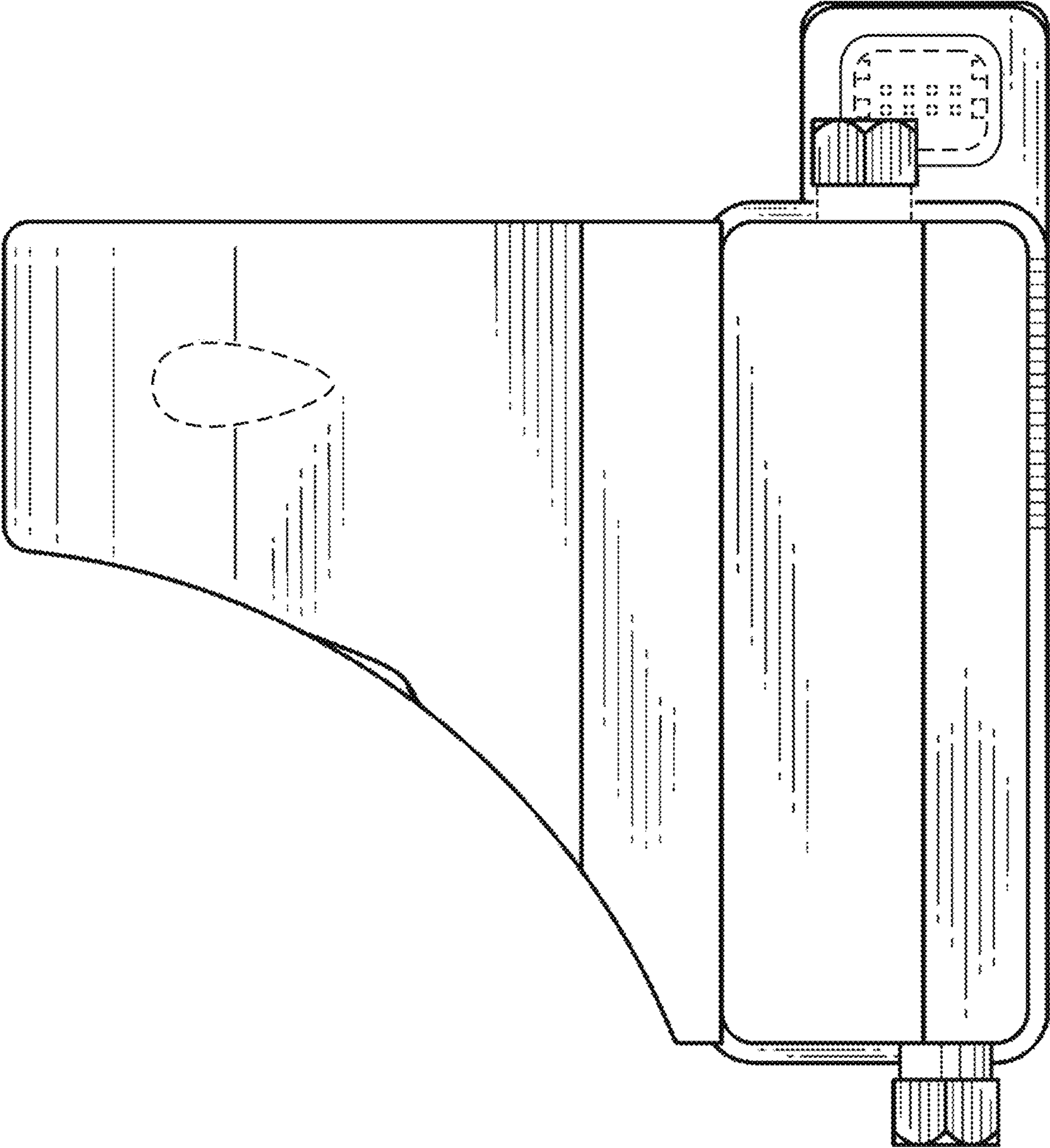
**References Cited**

U.S. PATENT DOCUMENTS

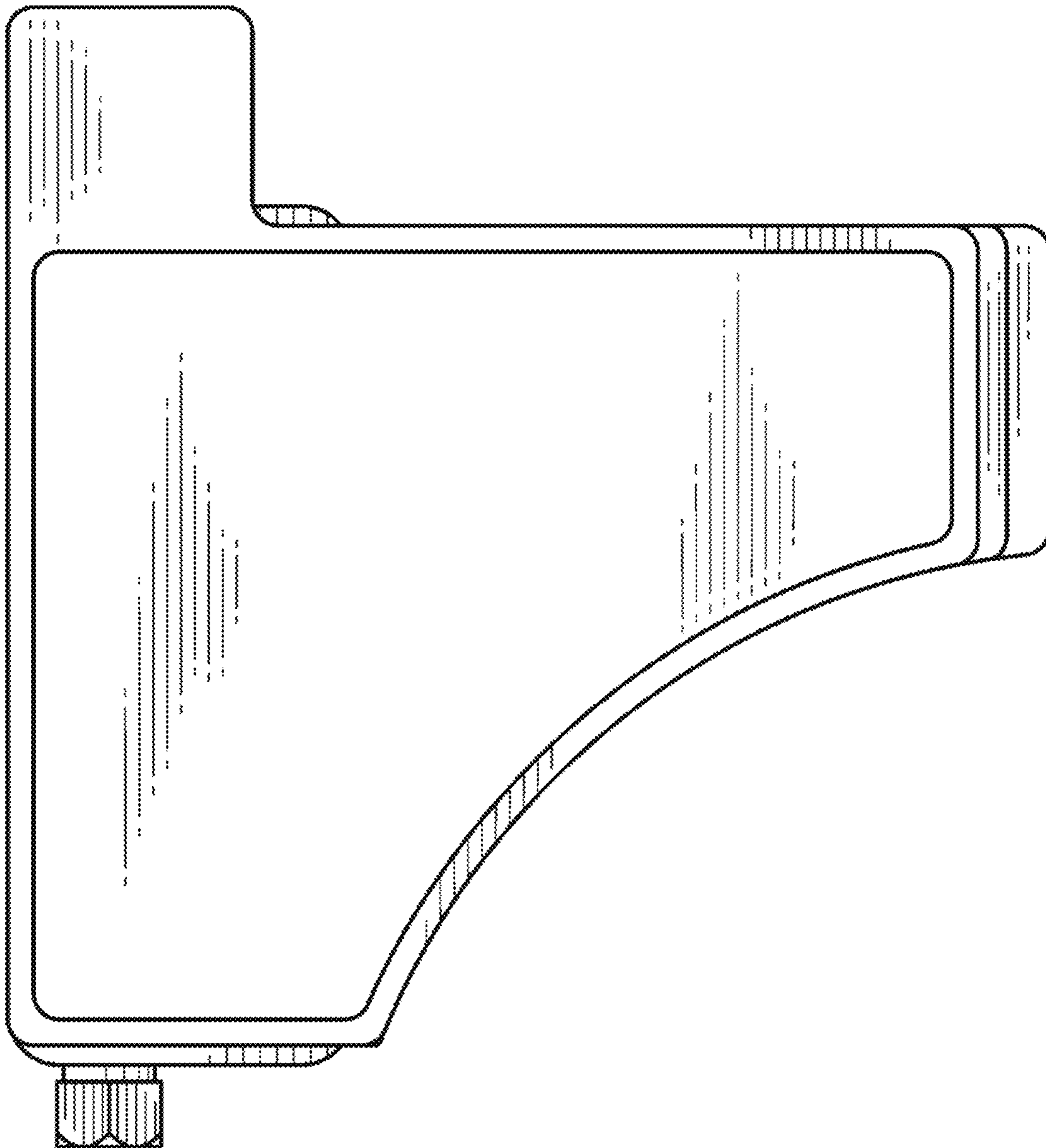
D548,656	S	*	8/2007	Hanamura	.....	D12/180
D562,746	S	*	2/2008	Wehage	.....	D12/179
D574,306	S	*	8/2008	Jones	.....	D12/180
D575,703	S	*	8/2008	Jones	.....	D12/180
7,677,365	B2	*	3/2010	Nago	.....	B62L 1/16 188/24.19
D675,551	S	*	2/2013	Noborio	.....	D12/179
D680,043	S	*	4/2013	Vloemans	.....	D12/180
D770,344	S	*	11/2016	Hult	.....	D12/180
D856,855	S	*	8/2019	Steele	.....	D12/114

\* cited by examiner

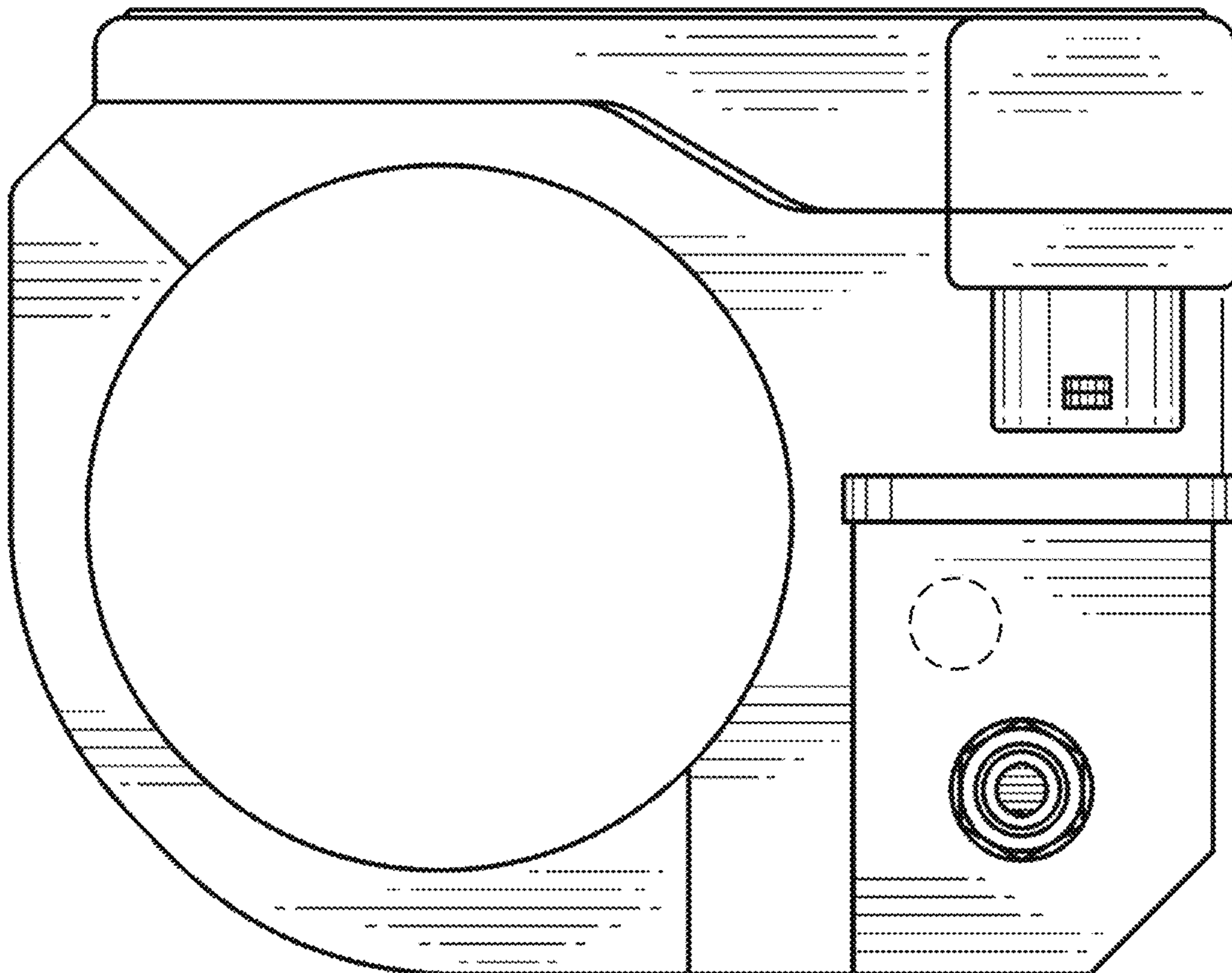
1.1



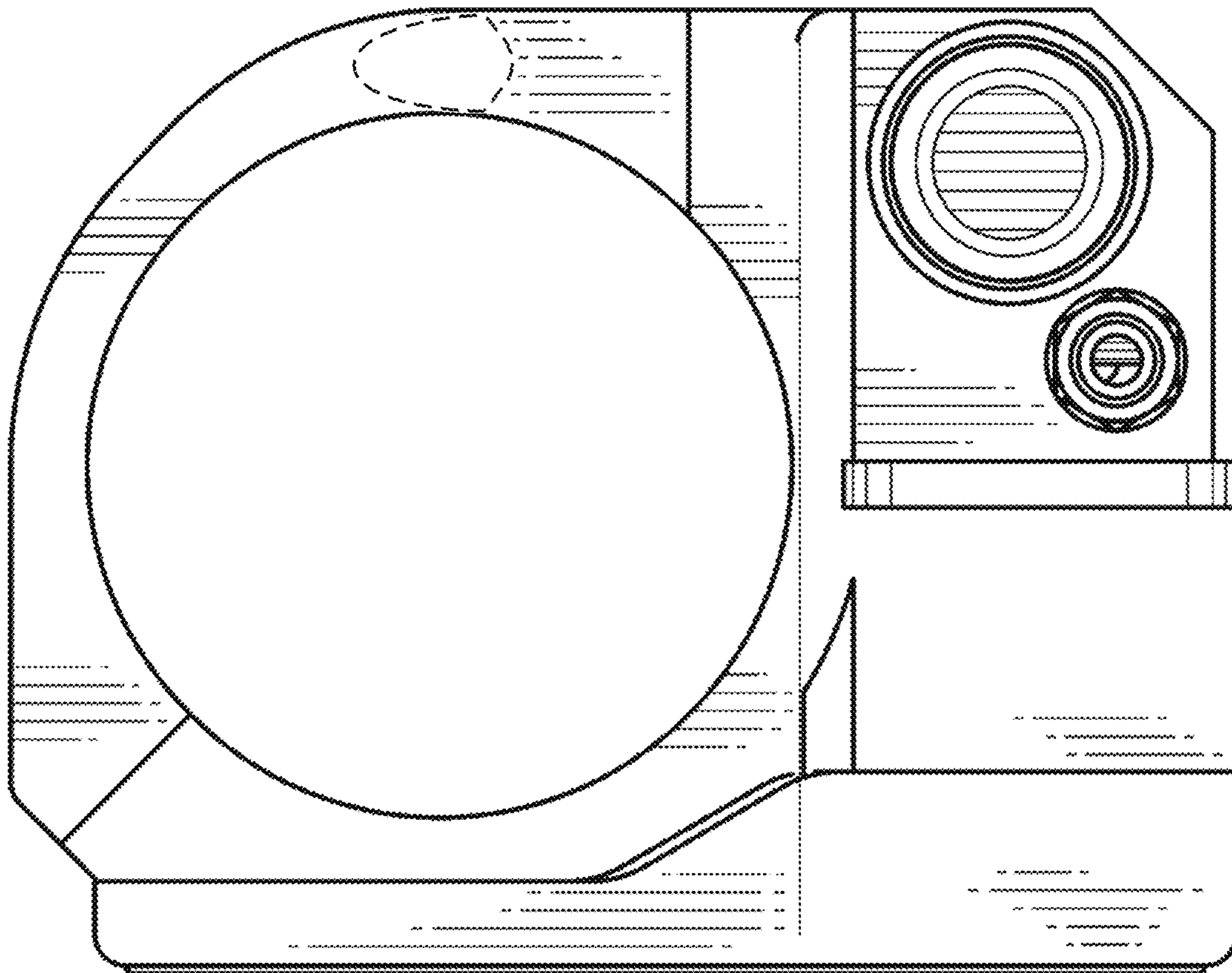
1.2



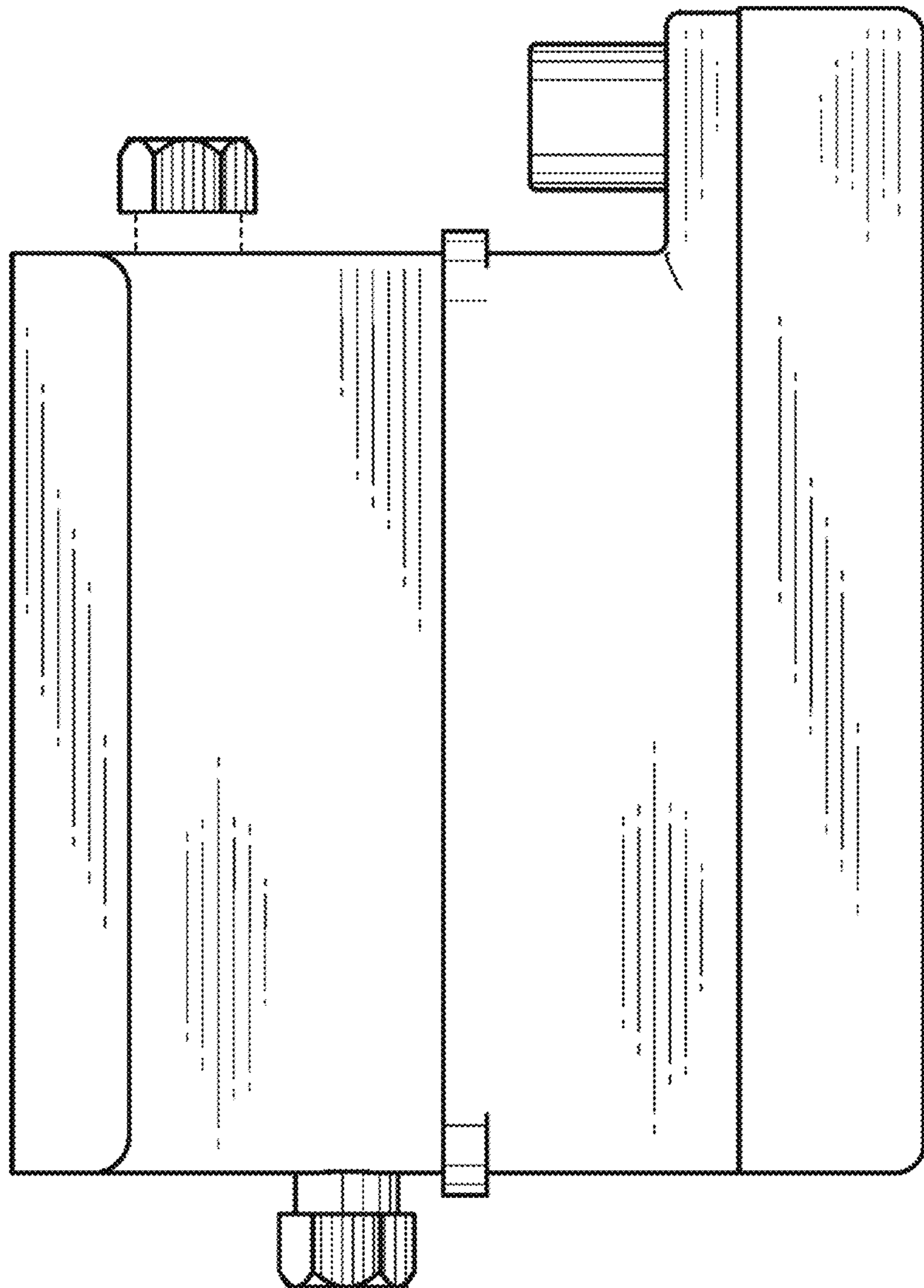
1.3



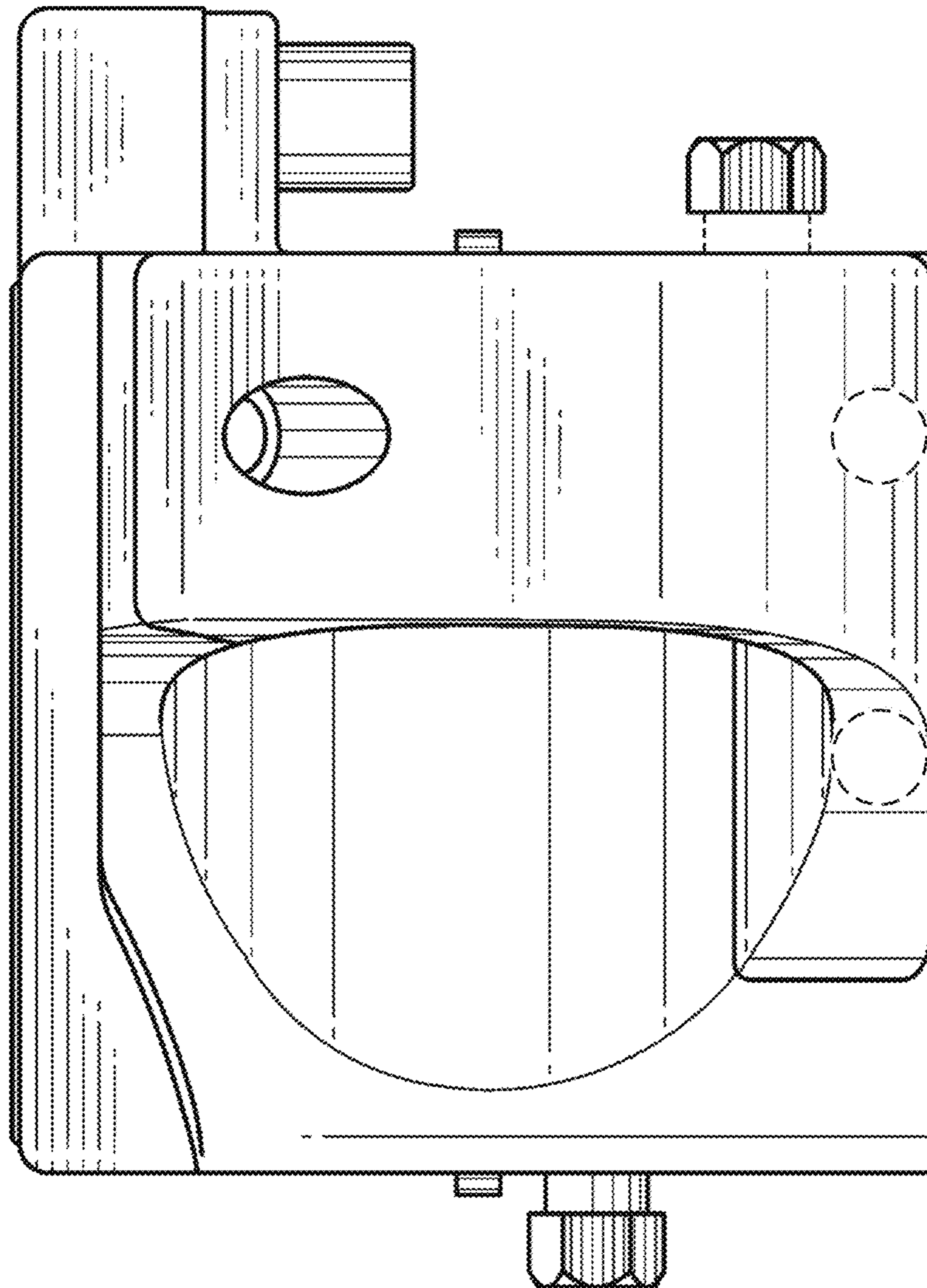
1.4



1.5

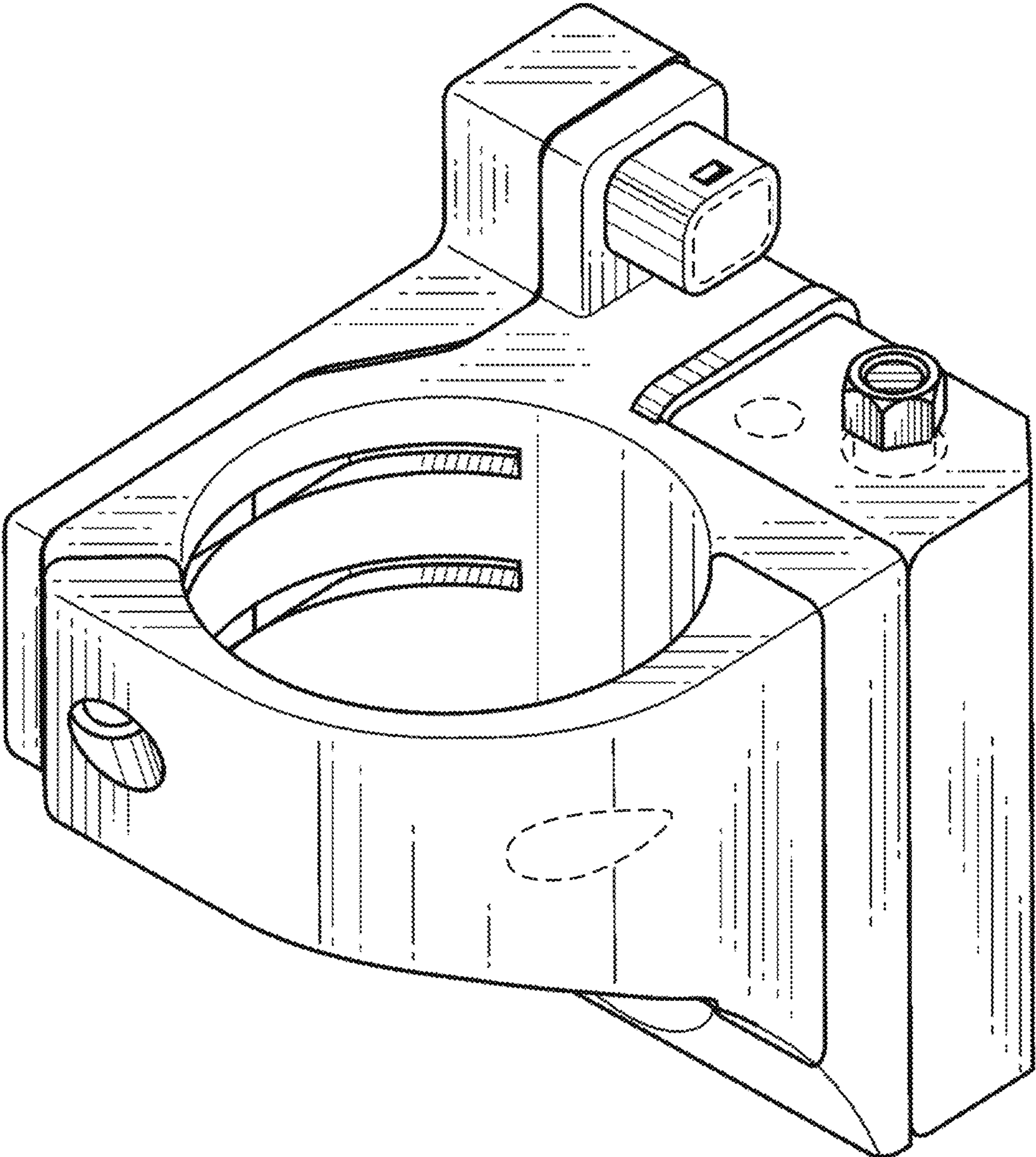


1.6





1.7



1.8

