



US00D925501S

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

(10) **Patent No.:** **US D925,501 S**

(45) **Date of Patent:** **\*\* \*Jul. 20, 2021**

(54) **HORIZONTAL COMPUTER MICROPHONE**

(71) Applicant: **Ching-Wen Chen**, Taipei (TW)

(72) Inventor: **Ching-Wen Chen**, Taipei (TW)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/671,486**

(22) Filed: **Nov. 28, 2018**

(51) **LOC (13) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/225**

(58) **Field of Classification Search**  
USPC ..... D14/225, 226, 227, 229, 150, 149, 188,  
D14/167, 194, 159, 214, 219, 221, 168,  
D14/238.1, 496, 501, 507; 181/129, 130,  
181/135, 147; 379/447; 381/380, 381,  
381/361, 365, 366, 355, 375, 386, 388,  
381/335; 455/90.3, 575.1, 569.1  
CPC ..... H04R 25/00; H04R 19/04; H04R 5/00;  
H05K 5/00; H05K 7/00; G06F 1/16  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D105,226 S *	7/1937	Moore	.....	D14/226
D105,992 S *	9/1937	Huth	.....	D14/227
D171,055 S *	12/1953	Schell, Jr.	.....	D14/225
D195,963 S *	8/1963	Spilman	.....	D14/225
D248,945 S *	8/1978	Astleford	.....	D14/229
D266,242 S *	9/1982	Radzelovage	.....	D14/225
4,441,577 A *	4/1984	Kurihara	.....	H04R 1/323 181/141
D278,535 S *	4/1985	Sujanani	.....	D14/193
4,577,070 A *	3/1986	Shulman	.....	H04R 1/08 248/104
D310,082 S *	8/1990	Kehl	.....	D14/225

D311,189 S *	10/1990	Lazzeroni	.....	D14/225
4,975,966 A *	12/1990	Sapiejewski	.....	H04R 1/222 181/151
D321,692 S *	11/1991	Siddoway	.....	D14/225
D332,608 S *	1/1993	Masagaki	.....	D14/186
D338,204 S *	8/1993	Takao	.....	D14/226
D340,717 S *	10/1993	Grimes	.....	D14/193
D341,593 S *	11/1993	Chang	.....	D14/159
D356,571 S *	3/1995	Garmon	.....	D14/225
D359,492 S *	6/1995	Dyas	.....	D14/214
D384,357 S *	9/1997	McAteer	.....	D14/225
D396,862 S *	8/1998	Morgan	.....	D14/225
5,812,369 A *	9/1998	Hsu	.....	G06F 1/1616 361/679.6
D404,736 S *	1/1999	Alvarez	.....	D14/225
D416,912 S *	11/1999	Hsieh	.....	D14/225
6,078,497 A *	6/2000	Derocher	.....	G06F 1/1616 345/905

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303308408 \* 7/2015

*Primary Examiner* — Paula Allen Greene

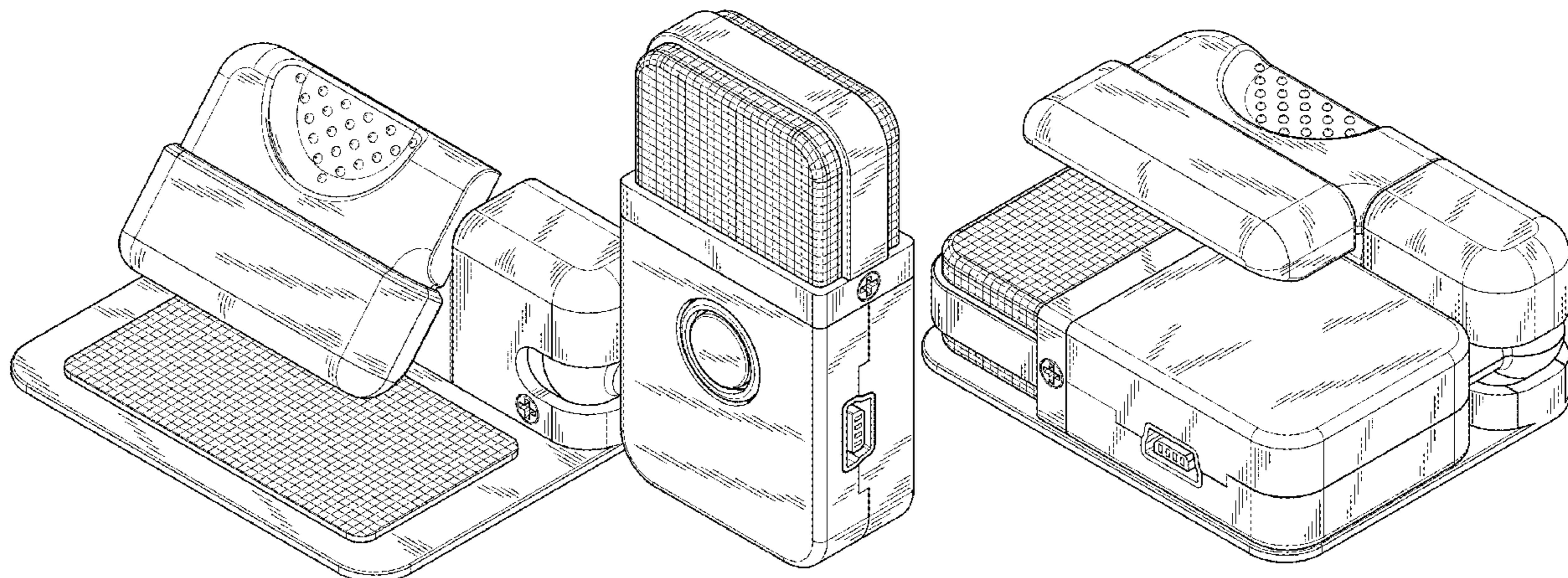
(57) **CLAIM**

The ornamental design for a horizontal computer microphone, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a horizontal computer microphone showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left elevational side view thereof;  
FIG. 5 is a right elevational side view thereof;  
FIG. 6 is a top elevational view thereof;  
FIG. 7 is a bottom elevational view thereof; and,  
FIG. 8 is a perspective view in an alternate position thereof.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

6,181,550 B1 \* 1/2001 Kim ..... G06F 1/1616  
 361/679.06  
 D438,857 S \* 3/2001 Ishii ..... D14/161  
 D447,131 S \* 8/2001 Hough ..... D14/228  
 D448,019 S \* 9/2001 Cebe ..... D14/225  
 6,600,827 B2 \* 7/2003 Lu ..... G06F 1/1605  
 248/316.4  
 D483,739 S \* 12/2003 Olson ..... D14/214  
 D496,653 S \* 9/2004 Townsend ..... D14/240  
 D507,261 S \* 7/2005 Griffin ..... D14/226  
 D516,546 S \* 3/2006 Sobol ..... D14/228  
 D545,300 S \* 6/2007 Hong ..... D14/214  
 D553,862 S \* 10/2007 Gregg ..... A46B 5/0091  
 D4/121  
 D554,149 S \* 10/2007 Kim ..... D14/496  
 D554,628 S \* 11/2007 Aoki ..... D14/226  
 D558,183 S \* 12/2007 Aoki ..... D14/167  
 D563,385 S \* 3/2008 Skurdal ..... D14/214

D567,807 S \* 4/2008 Bodley ..... D14/225  
 D578,994 S \* 10/2008 Oka ..... D14/167  
 D584,287 S \* 1/2009 Pauschitz ..... D14/214  
 D613,725 S \* 4/2010 Chen ..... D14/194  
 D629,794 S \* 12/2010 Aarrestad ..... D14/225  
 D644,211 S \* 8/2011 Hao ..... D14/219  
 D649,524 S \* 11/2011 Miyazaki ..... D14/167  
 D661,281 S \* 6/2012 Mahaffy ..... D14/206  
 8,265,319 B2 \* 9/2012 Groset ..... H04R 5/02  
 361/679.23  
 D669,879 S \* 10/2012 Iijima ..... D14/167  
 D676,075 S \* 2/2013 Ku ..... D14/167  
 D679,263 S \* 4/2013 Yano ..... D14/149  
 D713,381 S \* 9/2014 Riggs ..... D14/214  
 D716,772 S \* 11/2014 Cavero ..... D14/225  
 D745,494 S \* 12/2015 Wise ..... D14/227  
 D751,532 S \* 3/2016 Chen ..... D14/225  
 2002/0048384 A1 \* 4/2002 Chen ..... H04R 1/08  
 381/363  
 2003/0053620 A1 \* 3/2003 Chen ..... H04M 1/02  
 379/447

\* cited by examiner

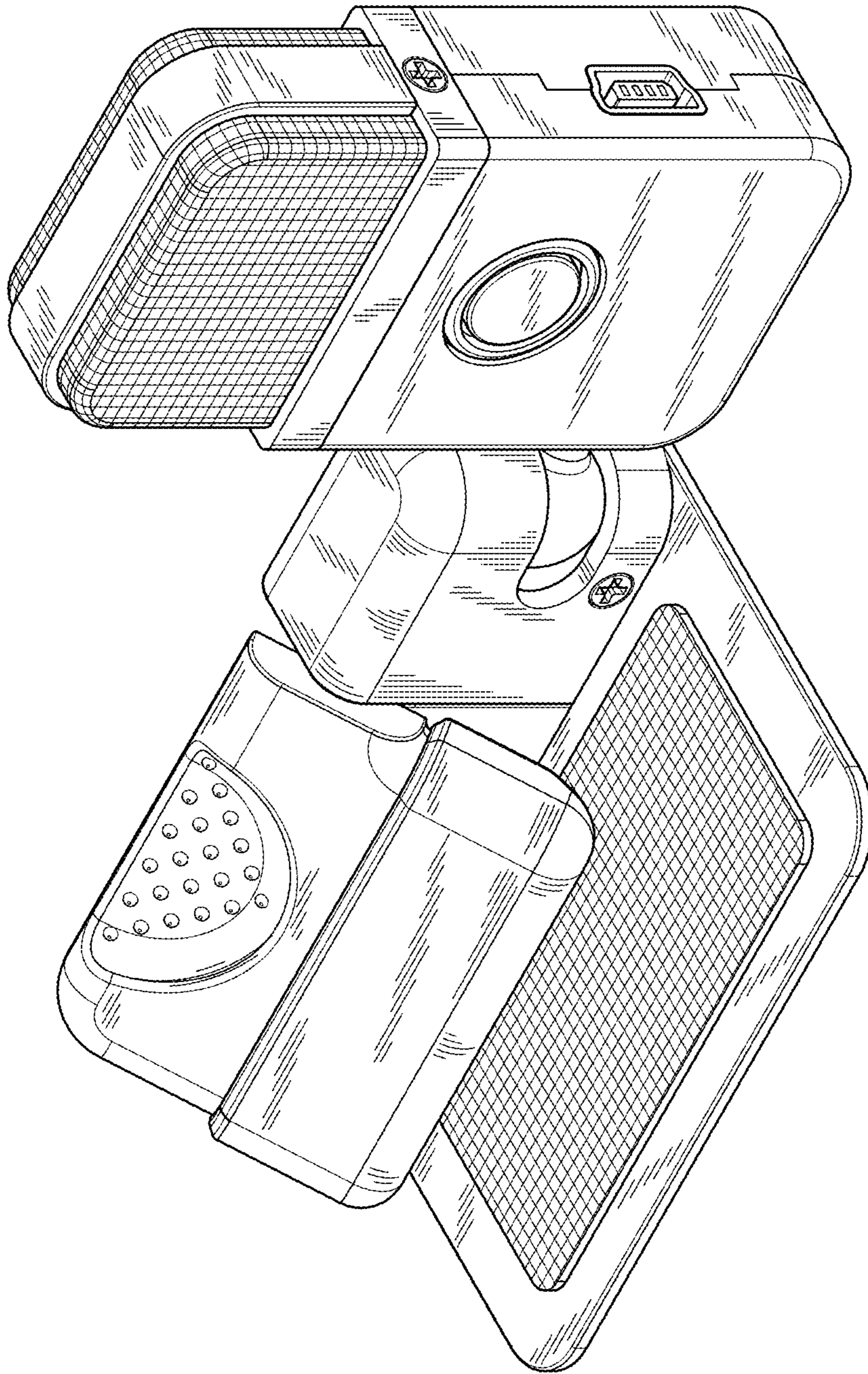


Fig. 1

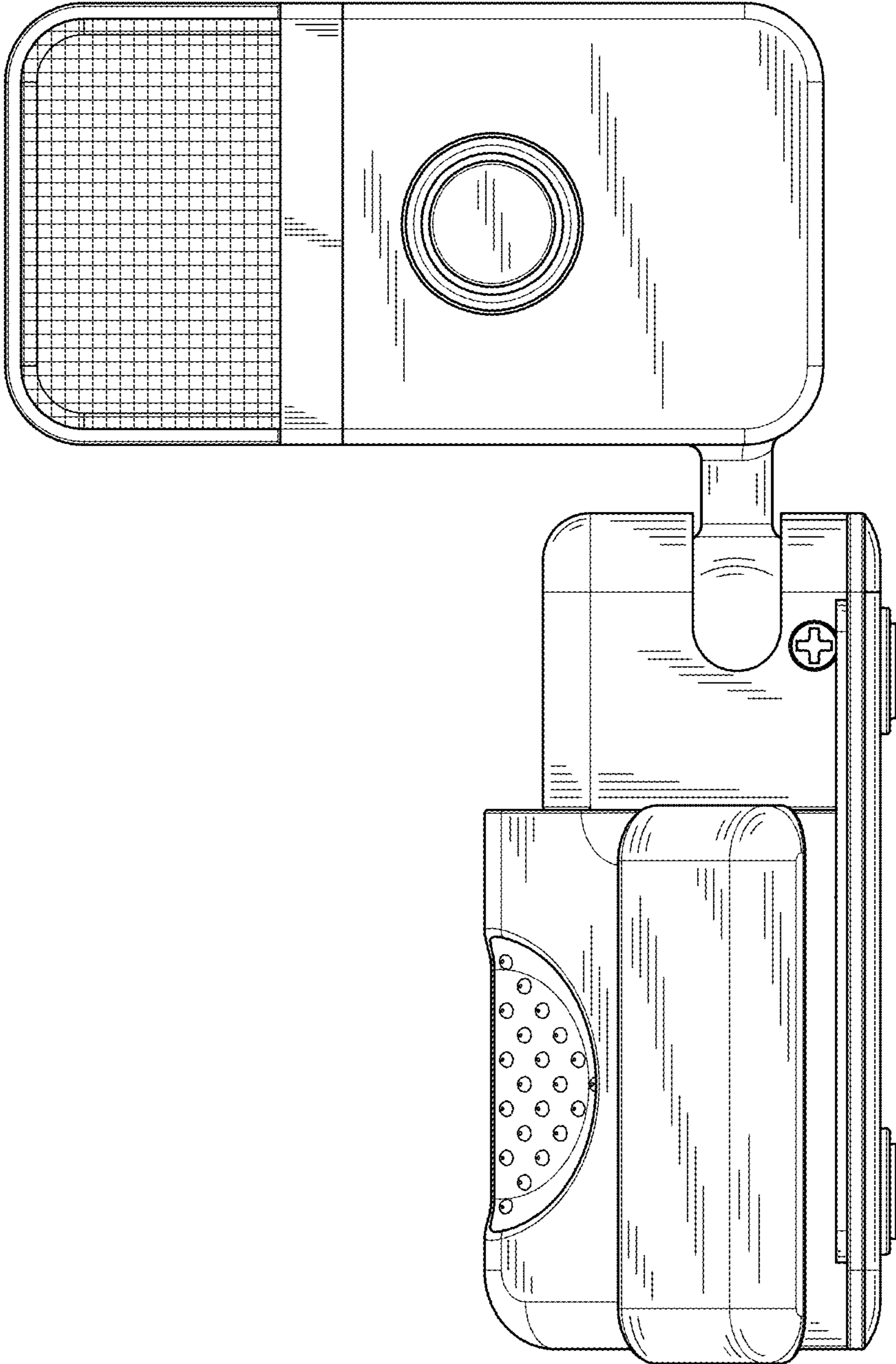


Fig. 2

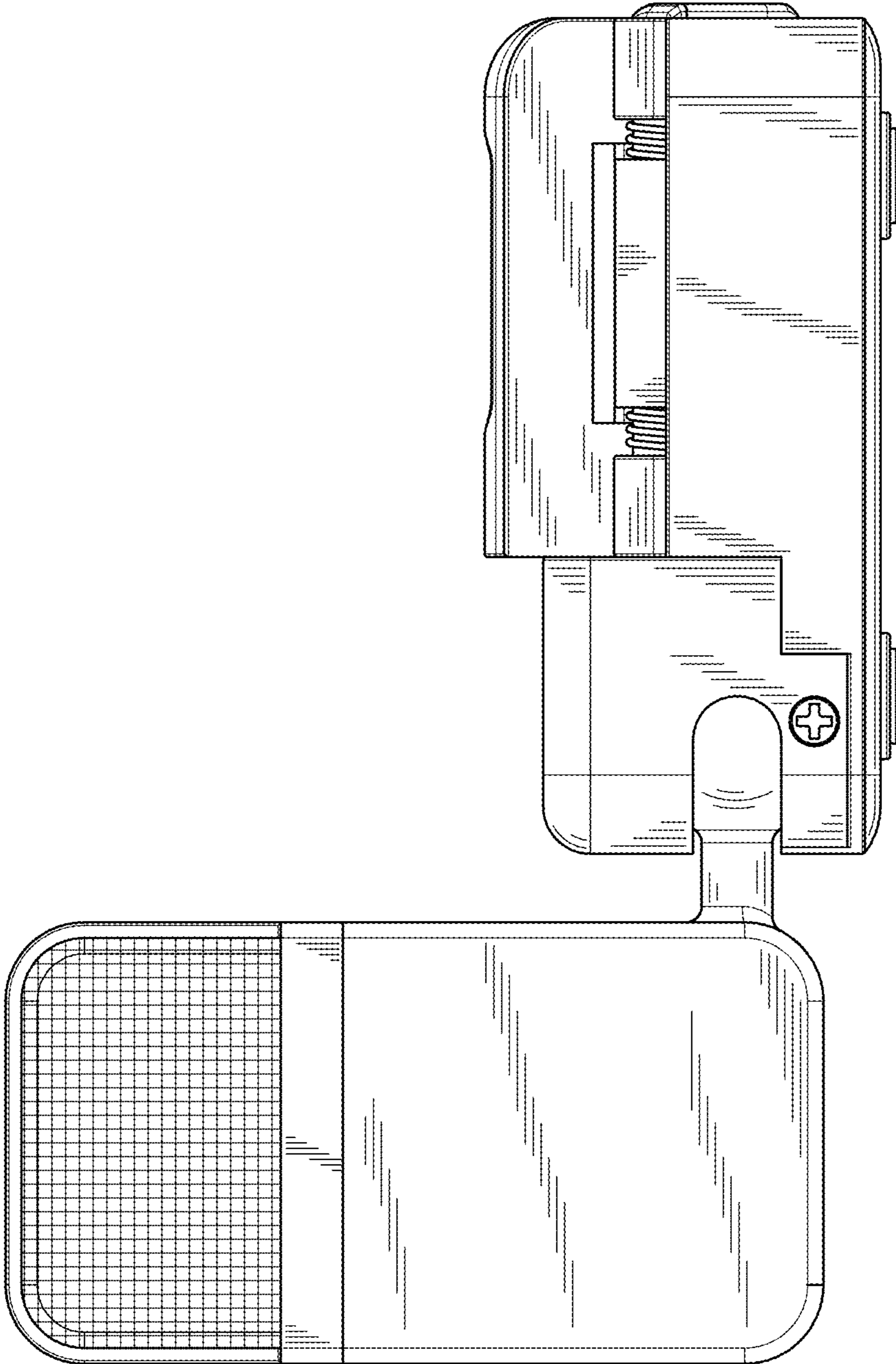


Fig. 3

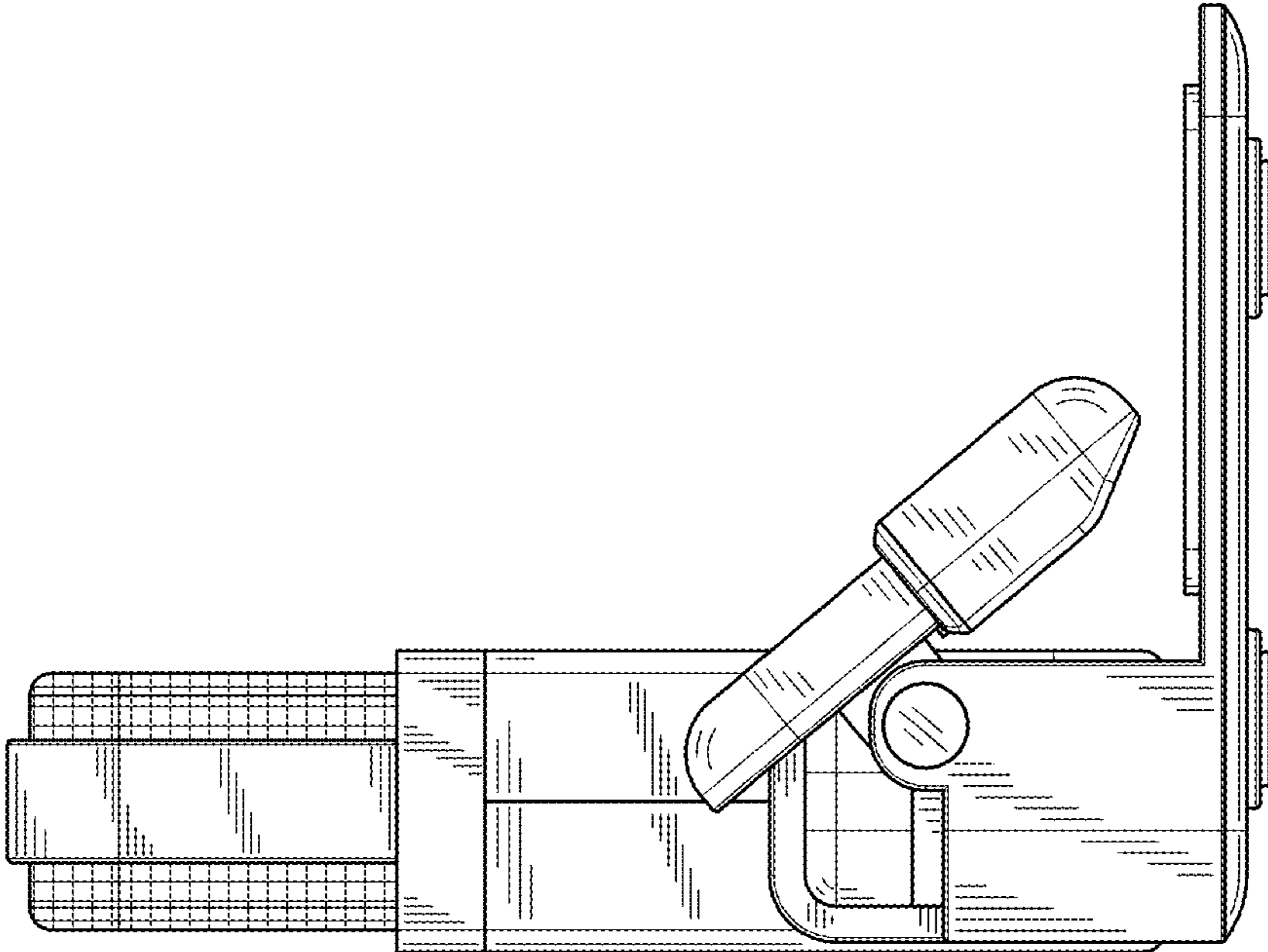


Fig. 4

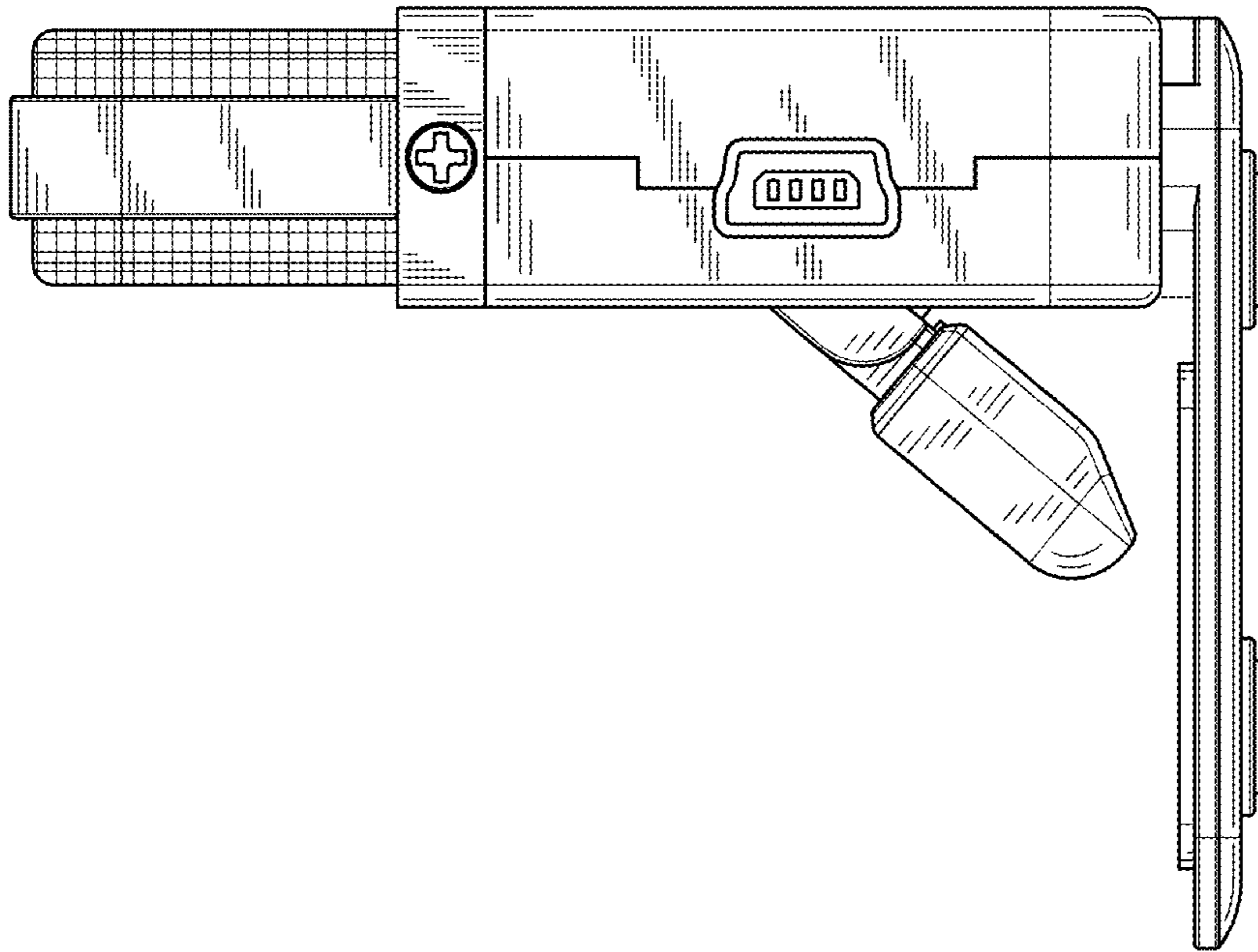


Fig. 5

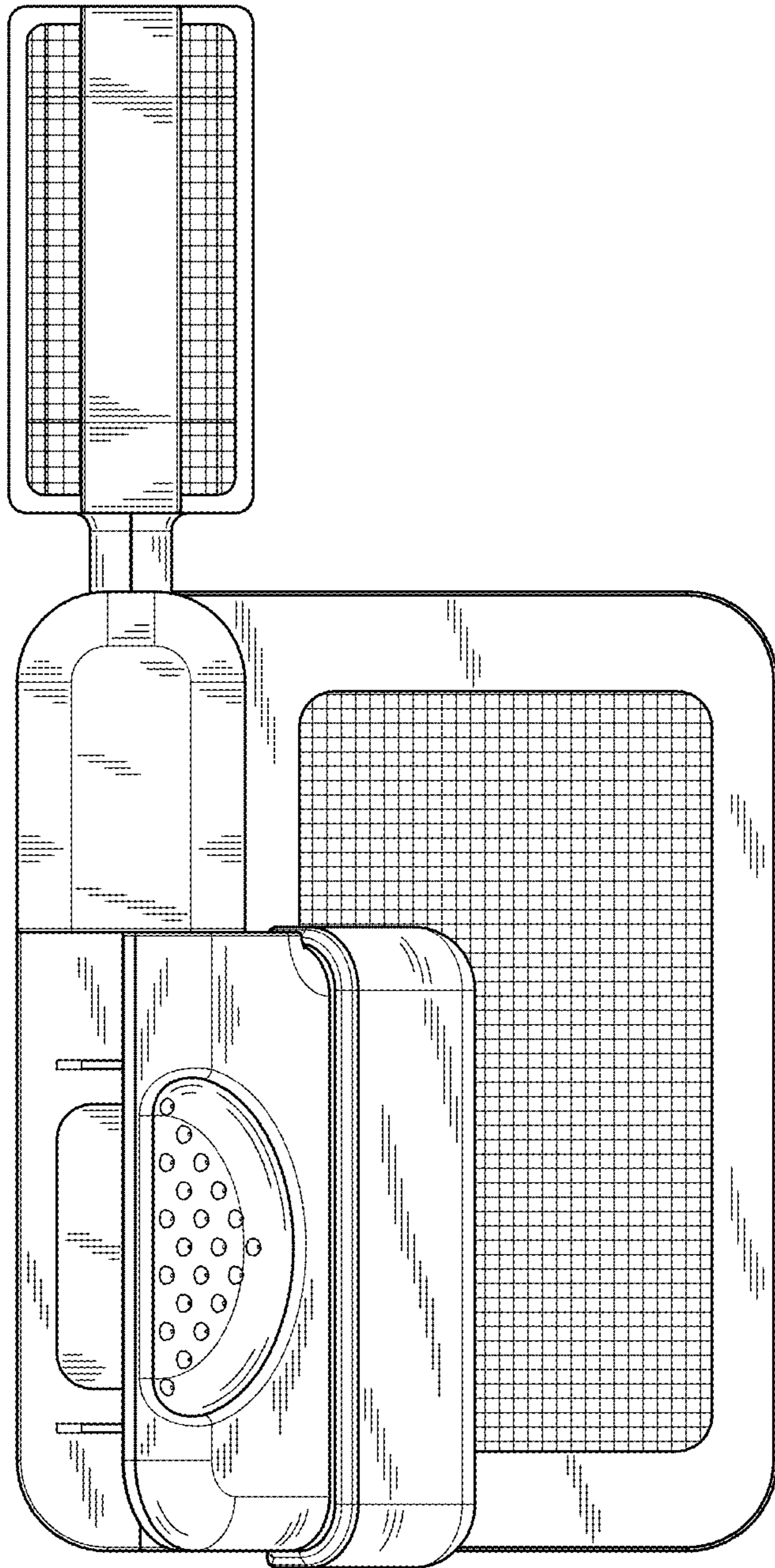


Fig. 6



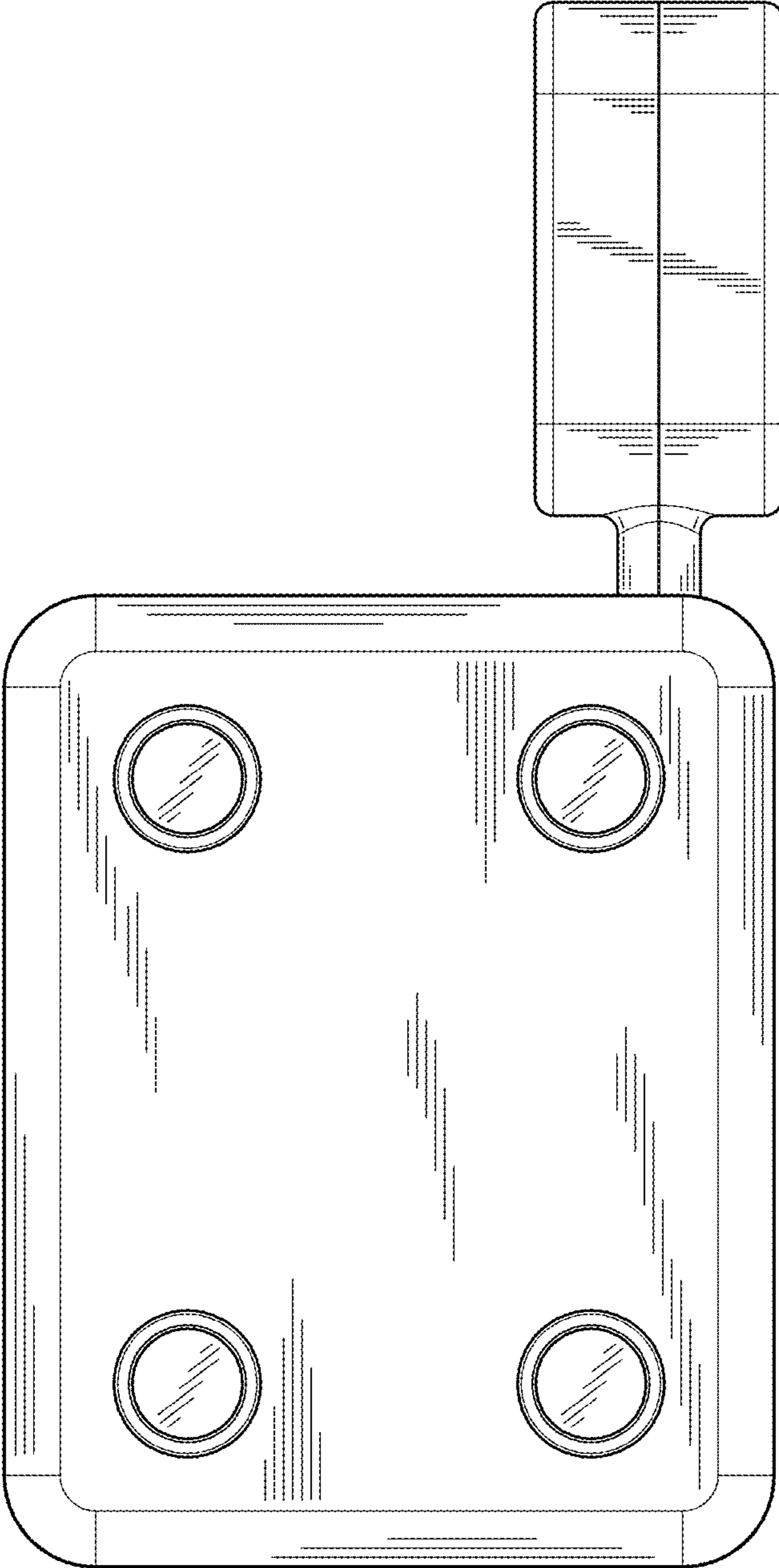


Fig. 7

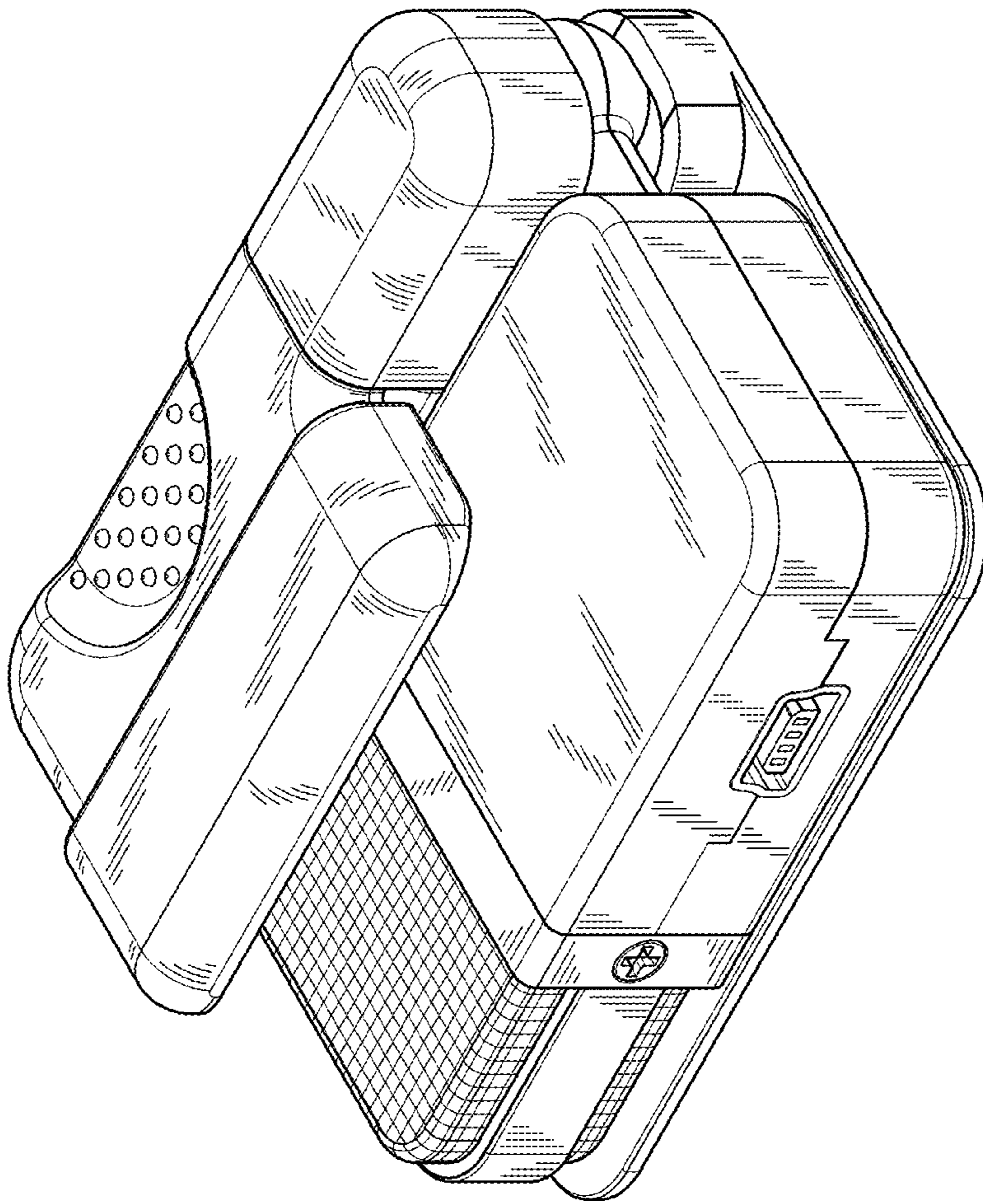


Fig. 8