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(12) **United States Design Patent** (10) **Patent No.:** **US D870,520 S**  
**Carey et al.** (45) **Date of Patent:** **\*\* Dec. 24, 2019**

(54) **COOLER**

(56) **References Cited**

(71) Applicant: **THE METAL WARE CORPORATION**, Two Rivers, WI (US)

(72) Inventors: **Richard Carey**, Manitowoc, WI (US); **Ross Niemi**, Two Rivers, WI (US)

(73) Assignee: **THE METAL WARE CORPORATION**, Two Rivers, WI (US)

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

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U.S. PATENT DOCUMENTS

1,483,953 A	2/1924	Rainey	
D70,542 S	7/1926	Davis	
1,699,313 A	1/1929	Schlaich	
2,960,216 A	11/1960	Brady	
D210,795 S	4/1968	Birger	
3,782,765 A	1/1974	Wallyn	
D232,798 S	9/1974	Roche	
D237,135 S	10/1975	Wiant	
4,024,731 A *	5/1977	Branscum .....	B65D 81/3823 62/457.2
D257,934 S	1/1981	Buss	
D259,232 S	5/1981	Tarozzi	
D266,822 S	11/1982	Seager	
D270,604 S	9/1983	Zauft	
D281,695 S *	12/1985	Ryan, Jr. ....	D7/605
D283,480 S	4/1986	Bailey	
D283,966 S	5/1986	Carlson	
D291,858 S	9/1987	Baker et al.	
4,702,504 A	10/1987	Brothers	

(Continued)

*Primary Examiner* — Terry A Wallace

(74) *Attorney, Agent, or Firm* — Seager, Tufte & Wickhem LLP

(57) **CLAIM**

The ornamental design for a cooler, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of an embodiment of a cooler;

FIG. 2 is a front side view of the cooler of FIG. 1;

FIG. 3 is a back side view of the cooler of FIG. 1;

FIG. 4 is a left side view of the cooler of FIG. 1;

FIG. 5 is a right side view of the cooler of FIG. 1;

FIG. 6 is a top side view of the cooler of FIG. 1; and,

FIG. 7 is a bottom side view of the cooler of FIG. 1.

The broken lines in the drawings illustrate portions in the article that form no part of the claim.

**1 Claim, 7 Drawing Sheets**

**Related U.S. Application Data**

(62) Division of application No. 29/553,277, filed on Jan. 29, 2016, now Pat. No. Des. 807,123.

(51) **LOC (12) Cl.** ..... **07-01**

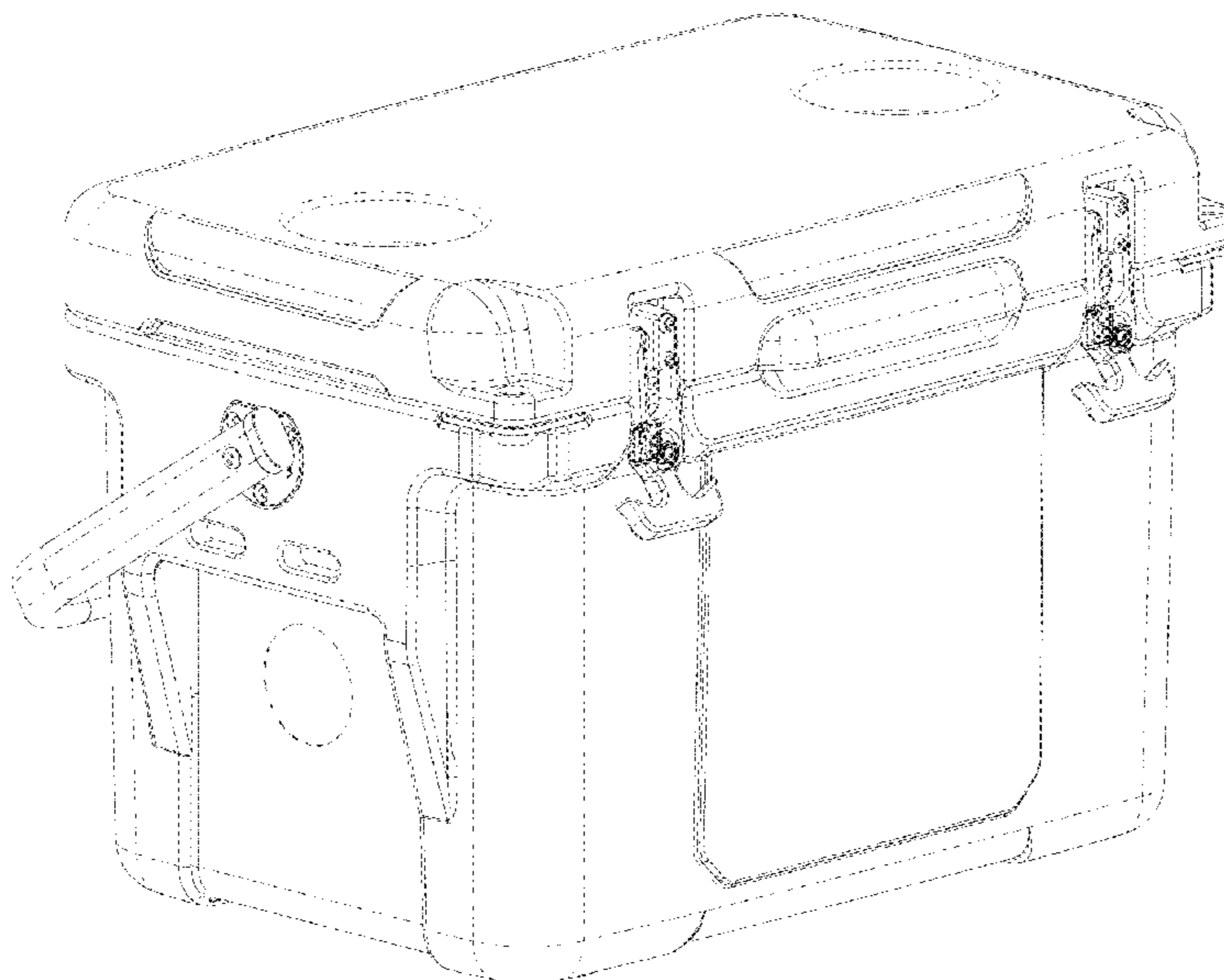
(52) **U.S. Cl.**  
USPC ..... **D7/605**

(58) **Field of Classification Search**

USPC ..... D7/605–608, 629, 630, 709, 710;  
D3/272–274

CPC ..... B65D 81/3888; B65D 81/38; B65D 81/3813; B65D 81/3816; B65D 81/3818; B65D 81/3823; B65D 81/3858; A45C 11/20; A45C 5/14; A45C 5/03; A45C 9/00; A45F 3/46; F25D 3/02; F25D 3/04; F25D 3/06; F25D 3/08; F25D 3/11; F25D 3/14; F25D 2331/804; F25D 31/005; A47B 77/08; A47J 41/022; A47G 19/2288; B26B 3/003; F25B 19/00

See application file for complete search history.



(56)

## References Cited

U.S. PATENT DOCUMENTS						
D305,397 S	1/1990	Balius		D511,624 S	11/2005	Rosine et al.
D307,998 S	5/1990	Costello et al.		D521,810 S	5/2006	Estes
D322,198 S	12/1991	Dringenburg		D527,225 S *	8/2006	Krieger ..... D7/605
D325,323 S *	4/1992	Kahl ..... D7/605		D528,368 S *	9/2006	Maldonado ..... D7/605
D325,324 S	4/1992	Kahl		D552,426 S *	10/2007	Jones ..... D7/605
D325,853 S	5/1992	Kahl		D560,102 S	1/2008	Sumter
D328,221 S	7/1992	Piccarillo		D563,731 S	3/2008	Thurston
D328,689 S	8/1992	Riskowski		D566,479 S *	4/2008	Kabalin ..... D3/273
D330,329 S	10/1992	Brightbill		D575,059 S	8/2008	Cappiello et al.
D333,775 S	3/1993	Krape		D587,972 S	3/2009	Dorisca et al.
D334,868 S	4/1993	Woon		7,533,782 B2	5/2009	Parker et al.
D337,232 S *	7/1993	Kahl ..... D7/605		7,540,364 B2	6/2009	Sanderson
D340,167 S	10/1993	Kahl		D604,994 S	12/2009	Greenlees et al.
D340,620 S	10/1993	Peters		D613,109 S	4/2010	Sanchez et al.
D349,007 S	7/1994	Costello		D613,560 S	4/2010	Robichaud et al.
D351,318 S	10/1994	Wedi		7,722,204 B1	5/2010	Sandberg
D352,208 S	11/1994	Brookshire		D634,982 S	3/2011	Melchert et al.
D353,304 S	12/1994	Friedrich		D637,459 S	5/2011	Giese
D354,419 S *	1/1995	Kahl ..... D7/605		D640,102 S	6/2011	Hawkins
D366,599 S	1/1996	Brown et al.		D645,248 S	9/2011	Osiecki et al.
D369,722 S	5/1996	Lopez et al.		D646,528 S	10/2011	Stallman et al.
D370,159 S	5/1996	Fenton et al.		D651,860 S *	1/2012	Nie ..... D7/605
D374,772 S *	10/1996	Hotaling ..... D3/273		D652,262 S *	1/2012	Yang ..... D7/605
D376,068 S	12/1996	Coy		D660,885 S	5/2012	Crawford
5,607,195 A	3/1997	Antonucci		8,210,702 B1	7/2012	Sandberg
D380,369 S	7/1997	Antonucci		D694,070 S	11/2013	Torres
D386,649 S	11/1997	Arnfelt		D712,720 S	9/2014	Seiders
5,683,097 A	11/1997	Fenton et al.		D712,721 S	9/2014	Seiders
5,735,428 A	4/1998	Chern		D712,722 S	9/2014	Seiders
5,738,238 A	4/1998	Yang		D712,723 S	9/2014	Seiders
5,742,990 A	4/1998	Antonucci		D714,125 S	9/2014	Seiders
D394,550 S	5/1998	Tanji		8,875,934 B2 *	11/2014	Deka ..... B65D 81/3823 220/23.88
D396,779 S	8/1998	Moffett, III et al.		8,887,515 B2 *	11/2014	Patstone ..... F25D 3/08 62/457.2
D397,585 S	9/1998	Rausch et al.		8,910,819 B2	12/2014	Seiders
D398,816 S	9/1998	Koutsouflakis		9,187,232 B2	11/2015	Seiders
5,860,281 A *	1/1999	Coffee ..... A45C 11/20 62/3.62		D747,950 S	1/2016	Jacobsen et al.
D407,609 S	4/1999	Rausch		D747,951 S	1/2016	Jacobsen et al.
D415,393 S	10/1999	Kei		D748,452 S	2/2016	Jacobsen et al.
D415,658 S	10/1999	Frehse		D750,953 S	3/2016	Jacobsen et al.
D416,447 S *	11/1999	Levy ..... D7/605		9,366,467 B2 *	6/2016	Kiedaisch ..... F25D 3/00
D421,552 S	3/2000	Frehse		2005/0127081 A1 *	6/2005	Leba ..... F25D 3/08 220/761
D423,294 S	4/2000	Klein et al.		2008/0025544 A1	1/2008	Maldonado
D429,606 S	8/2000	Israel et al.		2008/0110892 A1	5/2008	House
D437,736 S	2/2001	Moffett, III et al.		2008/0178629 A1 *	7/2008	Meether ..... F25D 3/08 62/451
6,182,462 B1 *	2/2001	Bania ..... A45C 11/20 62/264		2009/0139245 A1 *	6/2009	Blackway ..... F25B 21/02 62/3.62
D439,406 S	3/2001	Zimmerman		2011/0203297 A1	8/2011	Oberweis
D439,913 S	4/2001	Jobst		2012/0132657 A1 *	5/2012	Seiders ..... B65D 81/3816 220/592.2
D454,292 S	3/2002	Plummer et al.		2013/0062356 A1 *	3/2013	Deka ..... B65D 81/3823 220/592.25
6,364,329 B1 *	4/2002	Holub ..... A45C 5/14 280/47.26		2014/0252010 A1	9/2014	Miller
6,398,272 B1 *	6/2002	Plummer ..... E05C 19/06 292/246		2015/0060470 A1 *	3/2015	Seiders ..... B65D 81/3816 292/194
D467,470 S	12/2002	Cantor et al.		2015/0114024 A1 *	4/2015	Grepper ..... F25D 23/00 62/320
D467,770 S	12/2002	Blalock		2015/0369529 A1 *	12/2015	Monroe ..... F25D 3/08 62/457.2
D475,248 S	6/2003	Cantor et al.				
D486,457 S	2/2004	Lee				
D494,021 S *	8/2004	Huthmaker ..... D7/605				
D511,247 S	11/2005	Tsuchiya				

\* cited by examiner

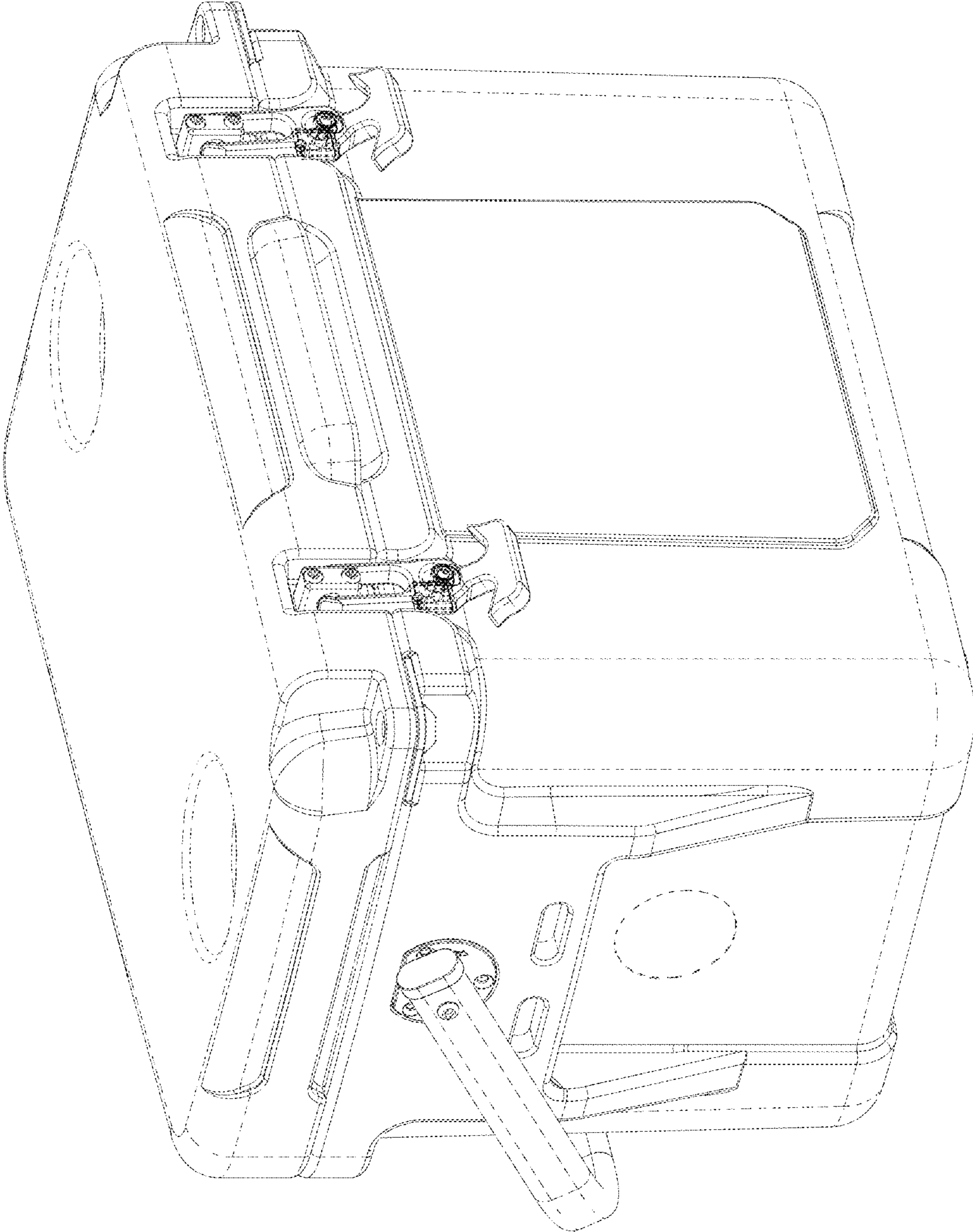


Figure 1

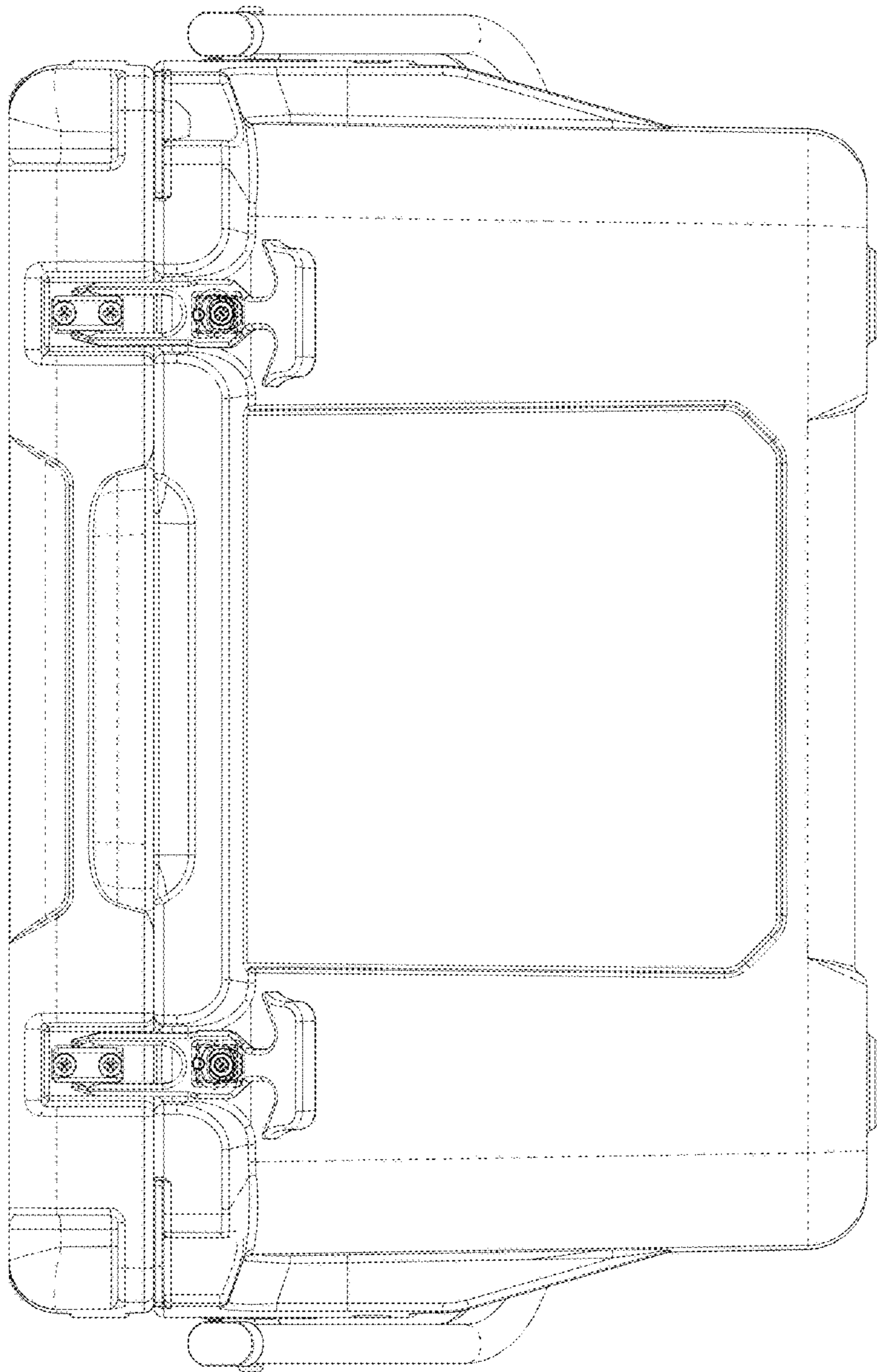


Figure 2

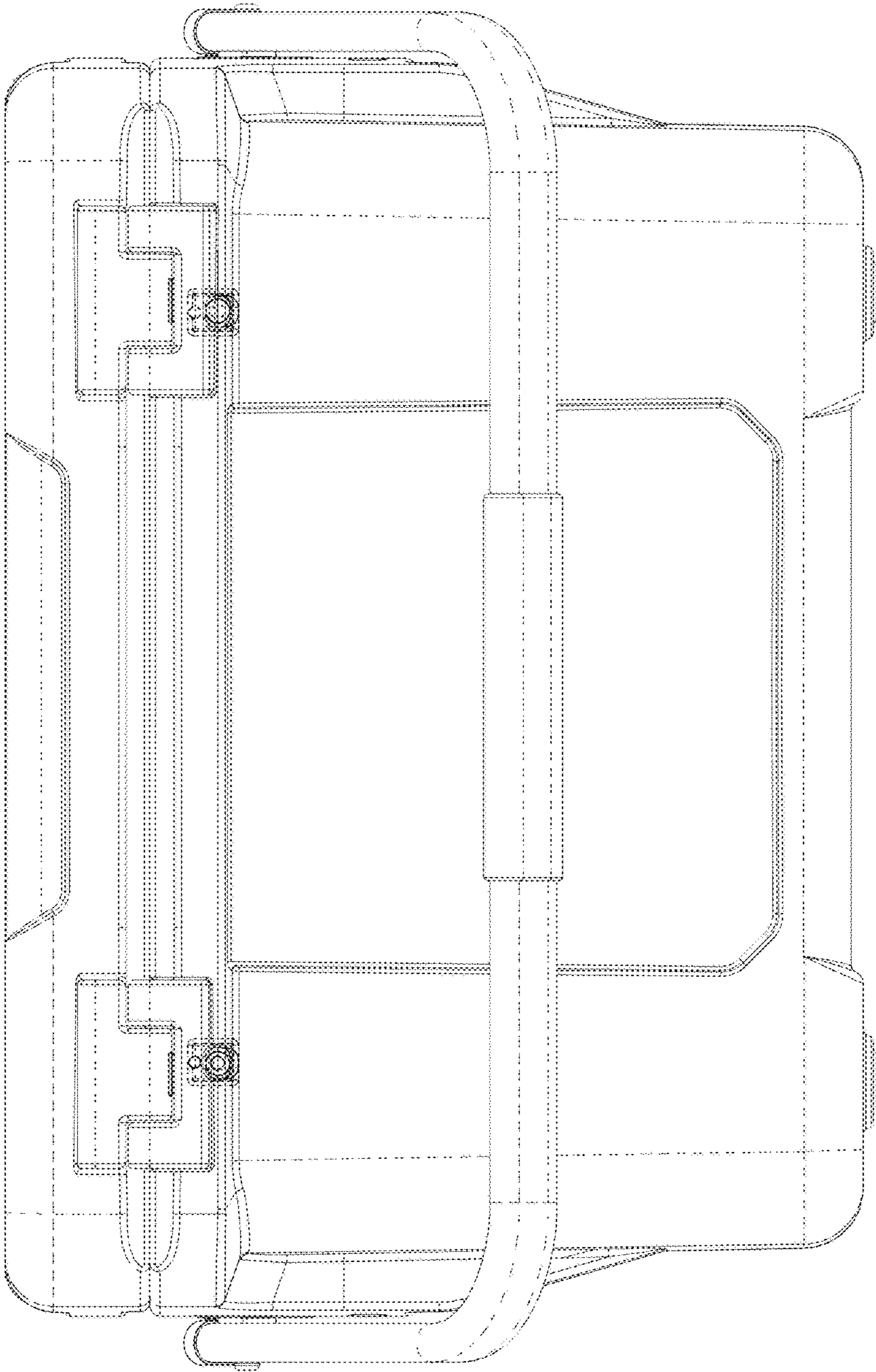


Figure 3

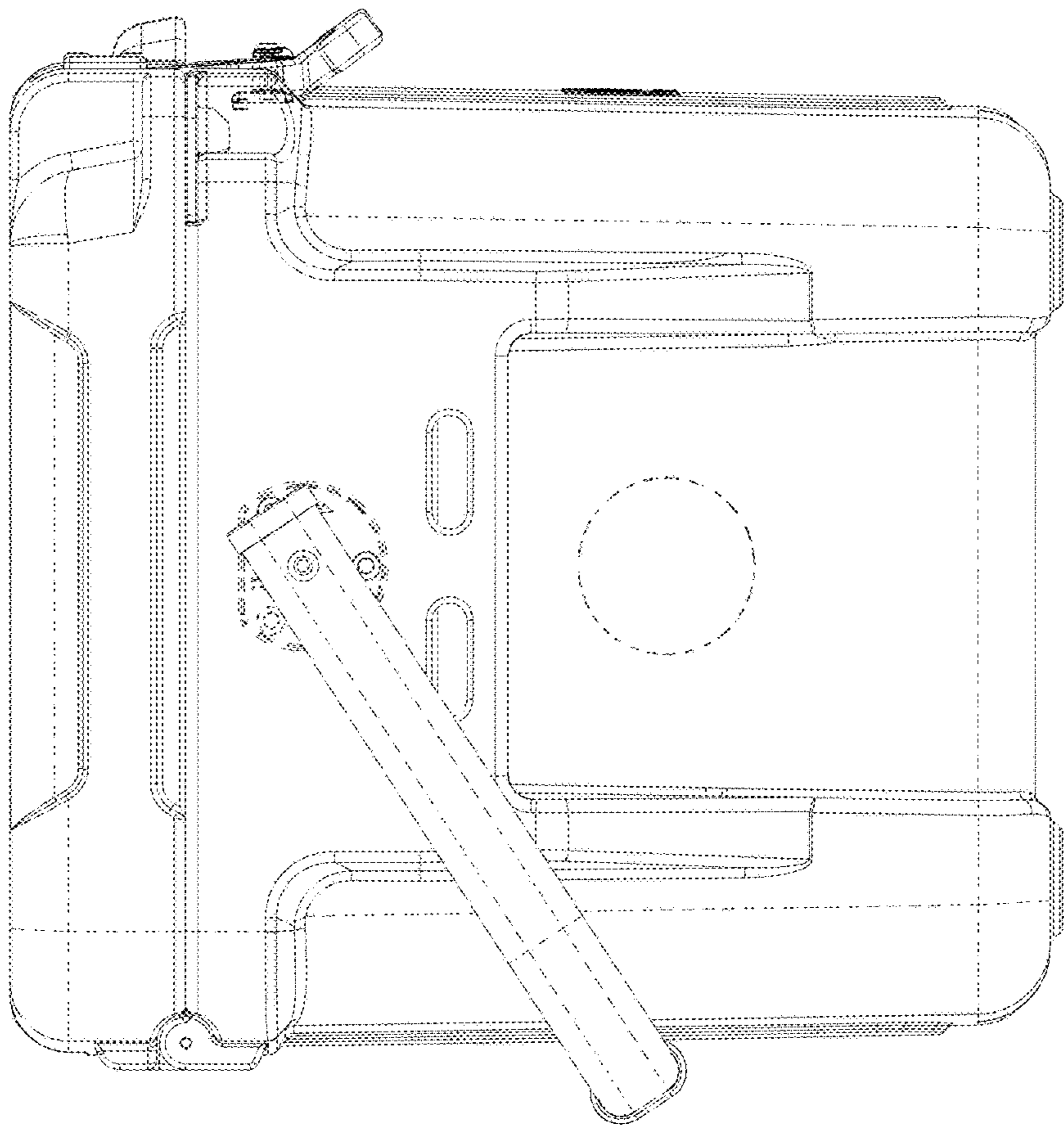


Figure 4

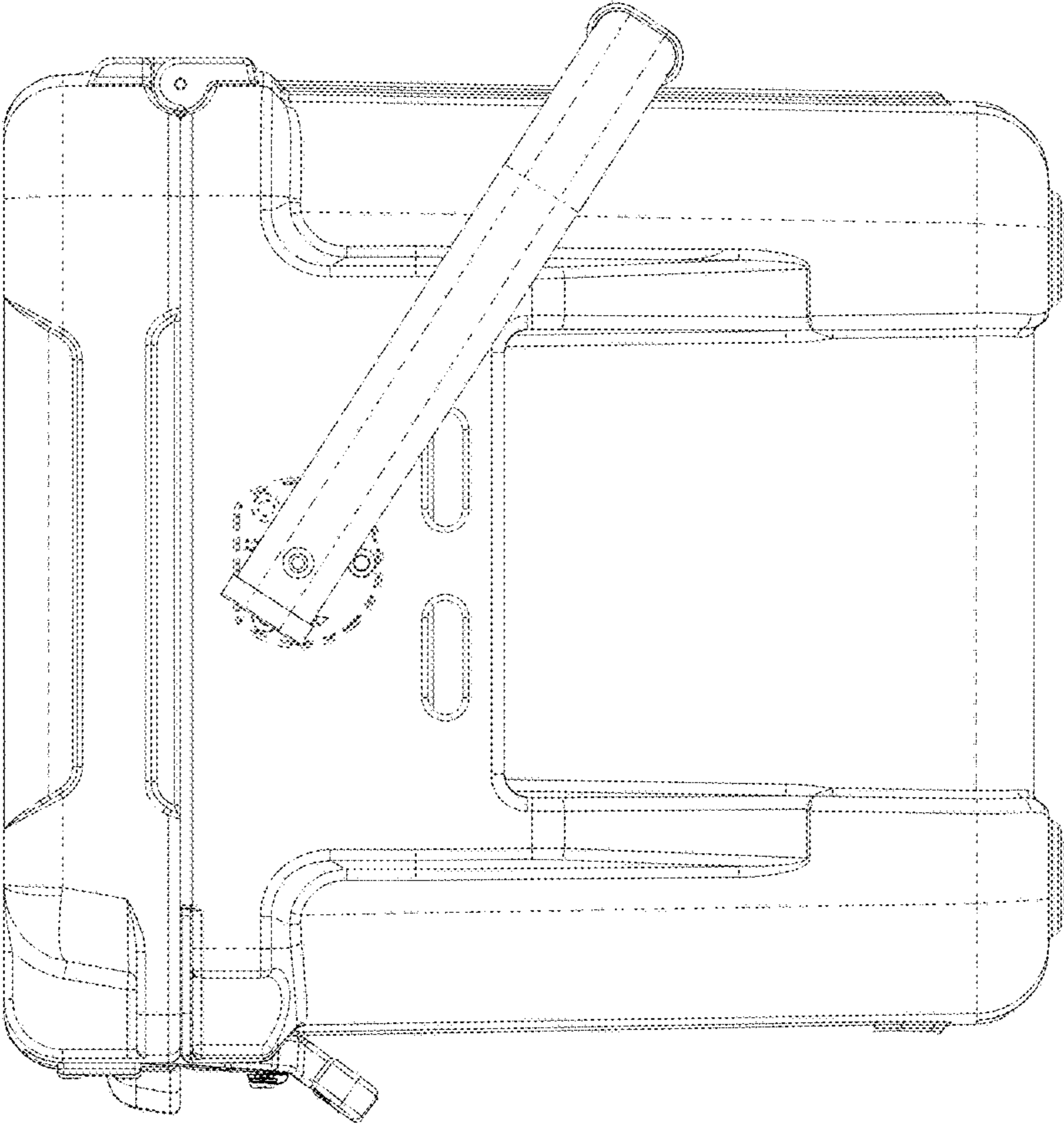


Figure 5

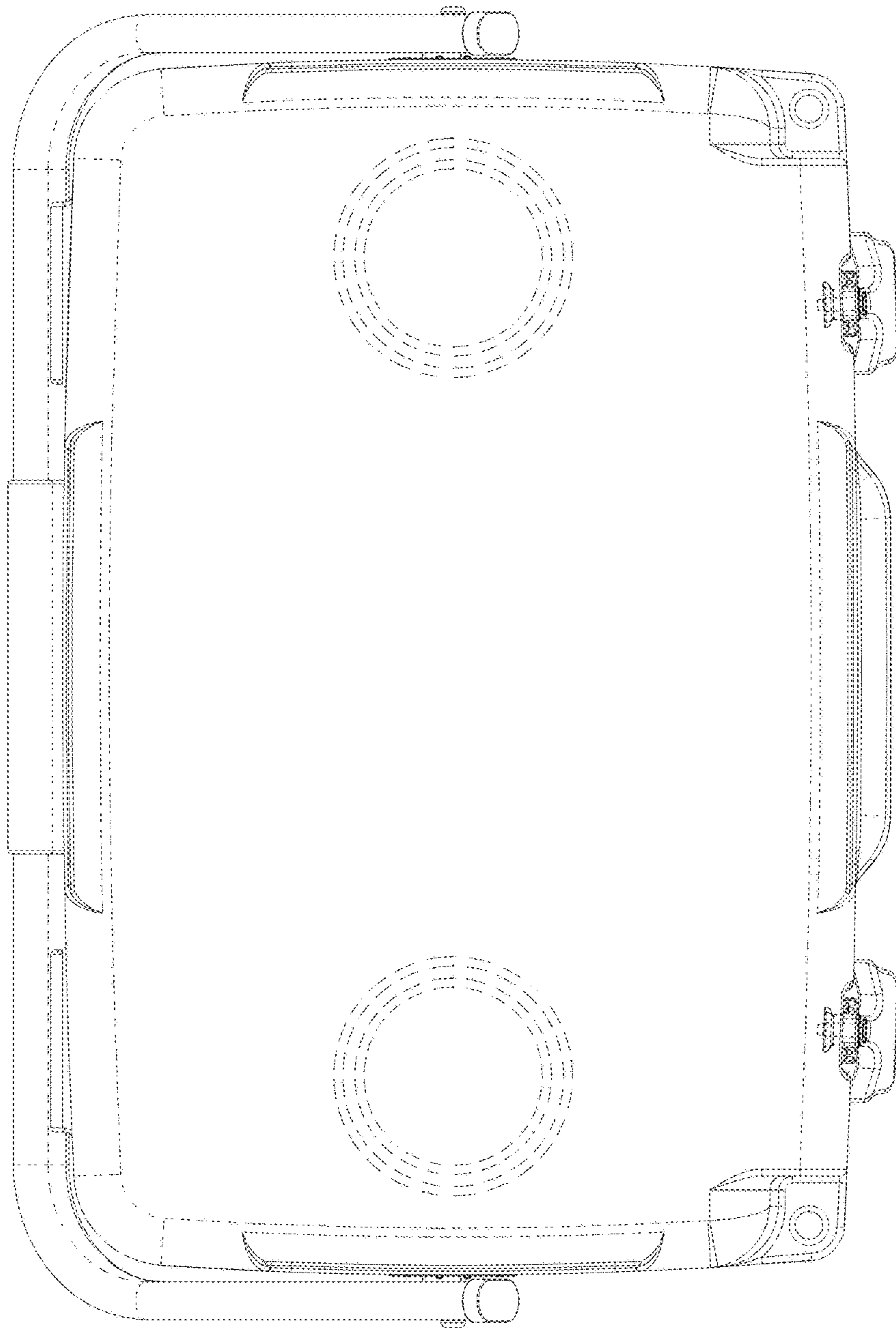


Figure 6



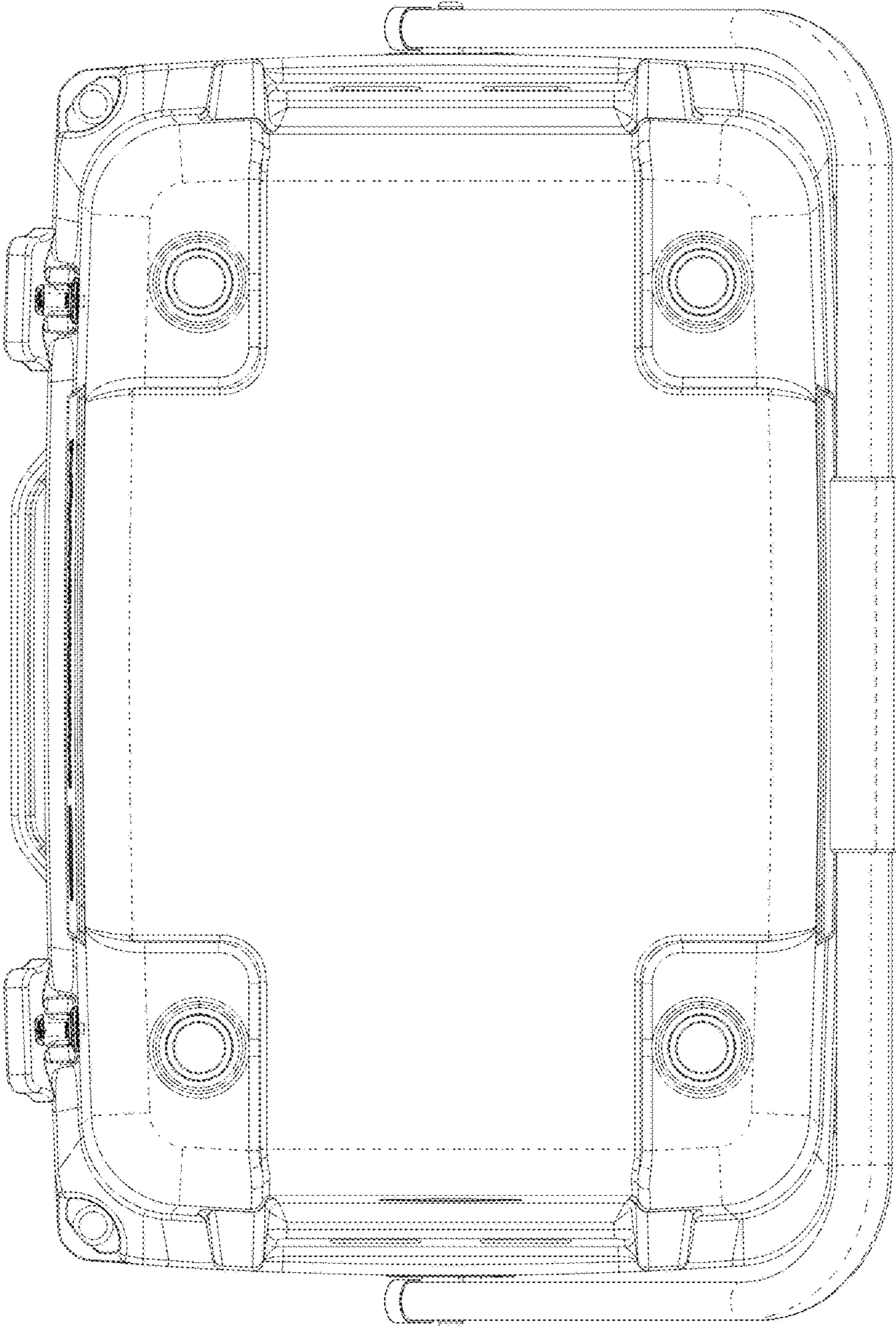


Figure 7