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

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(54) **EXCAVATOR BUCKET**
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D312,468 S * 11/1990 Masumoto D15/24
D354,497 S * 1/1995 Kusunoki D15/24
D375,103 S * 10/1996 Masumoto D15/24
D383,469 S * 9/1997 Ishizaki D15/24
D387,360 S * 12/1997 Ishizaki D15/25
5,711,095 A * 1/1998 Oda E02F 3/325
180/327
D440,235 S * 4/2001 Kuwae D15/25
D473,571 S * 4/2003 Kuwae D15/25
6,615,942 B2 * 9/2003 Shinohara E02F 3/32
180/69.21
D538,827 S * 3/2007 Uemura D15/25
D576,180 S * 9/2008 Kuwae D15/25
D590,422 S * 4/2009 Joos D15/22
D594,883 S * 6/2009 Ikeda D15/25
D609,252 S * 2/2010 Shimada D15/25
D633,926 S * 3/2011 Shimada D15/25
D681,066 S * 4/2013 Saito D15/24
D681,689 S * 5/2013 Saito D15/24
D682,887 S * 5/2013 Iwata D15/25
D682,891 S * 5/2013 Kinoshita D15/25

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(Continued)
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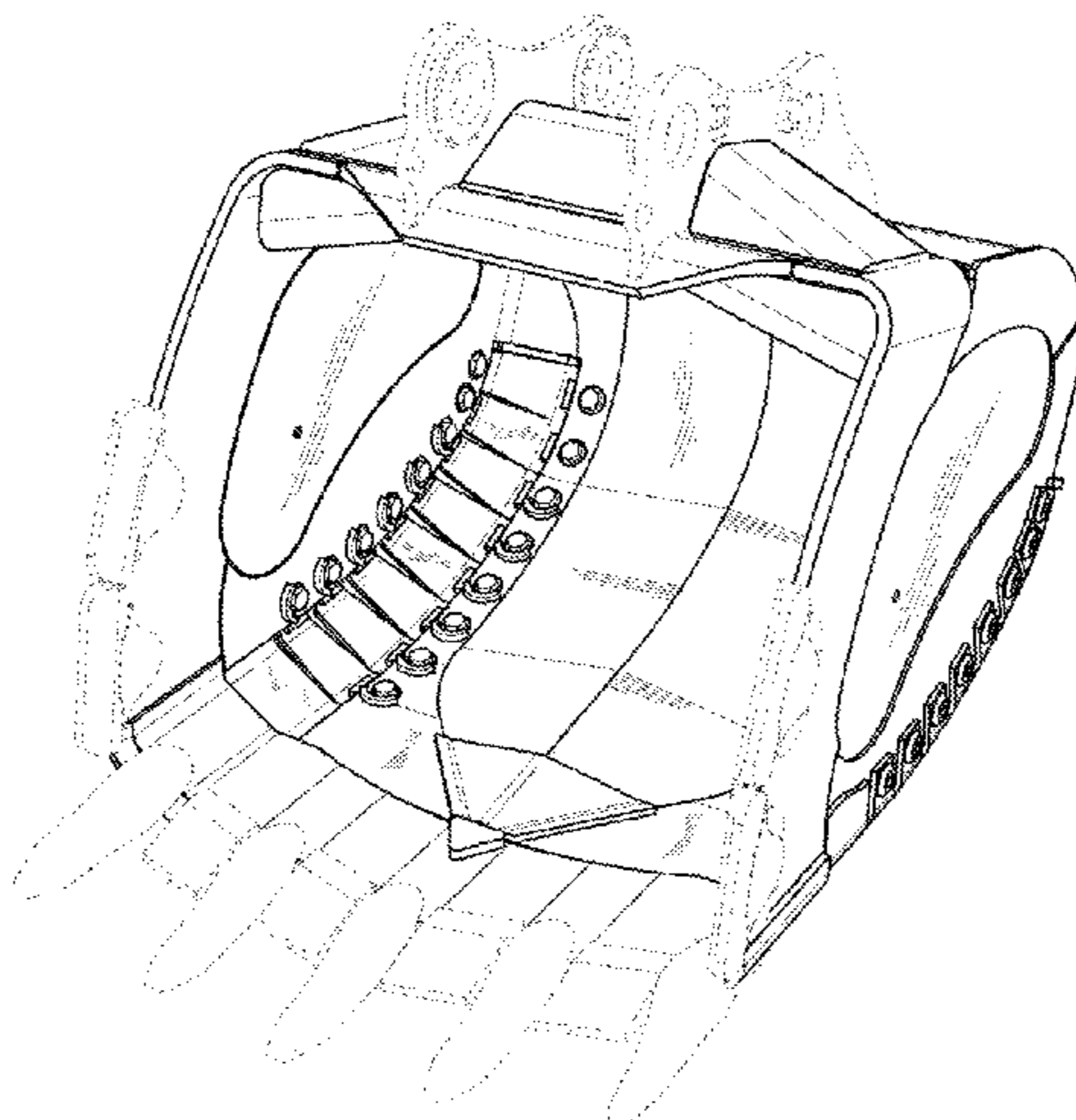
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(52) **U.S. Cl.**
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CPC **F24F 11/30** (2018.01)
(58) **Field of Classification Search**
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CPC . E02F 9/163; E02F 9/0886; E02F 9/18; E02F
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See application file for complete search history.

(57) **CLAIM**
The ornamental design for an excavator bucket, as shown and described.

(56) **References Cited**
U.S. PATENT DOCUMENTS
4,552,503 A * 11/1985 Mouri E02F 3/325
172/2
D309,313 S * 7/1990 Takashima D15/24

DESCRIPTION
1.-5. Excavator bucket
1.1 is a front, top, right side perspective view of an excavator bucket according to my new design;
1.2 is a front, bottom, left side perspective view thereof;
1.3 is a top view thereof;
1.4 is a bottom view thereof;
1.5 is a right side view thereof;
1.6 is a rear view thereof;
1.7 is a front view thereof; and
1.8 is a left side view thereof.
The broken lines in the drawings illustrate portions of the excavator bucket that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



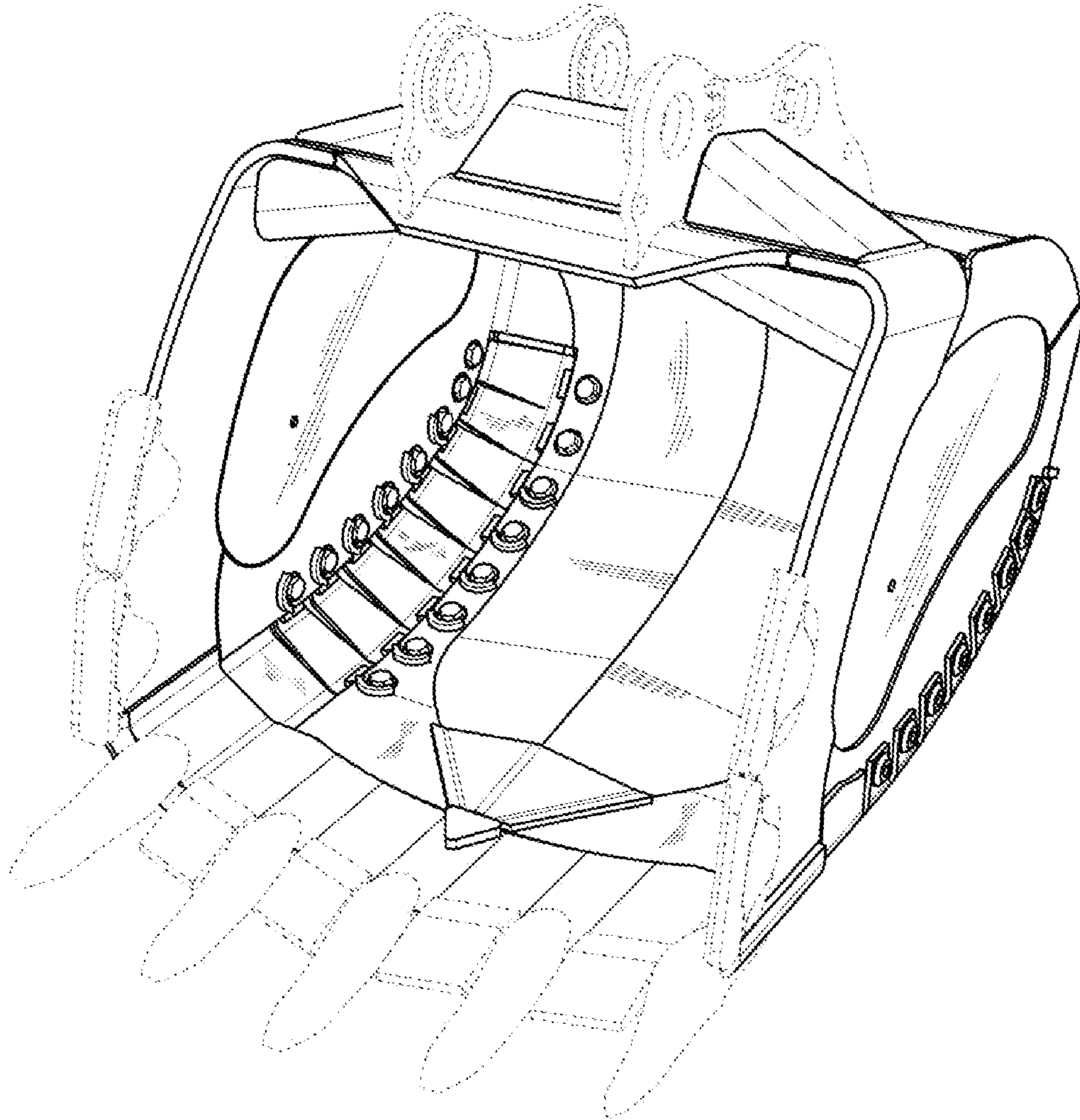
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References Cited

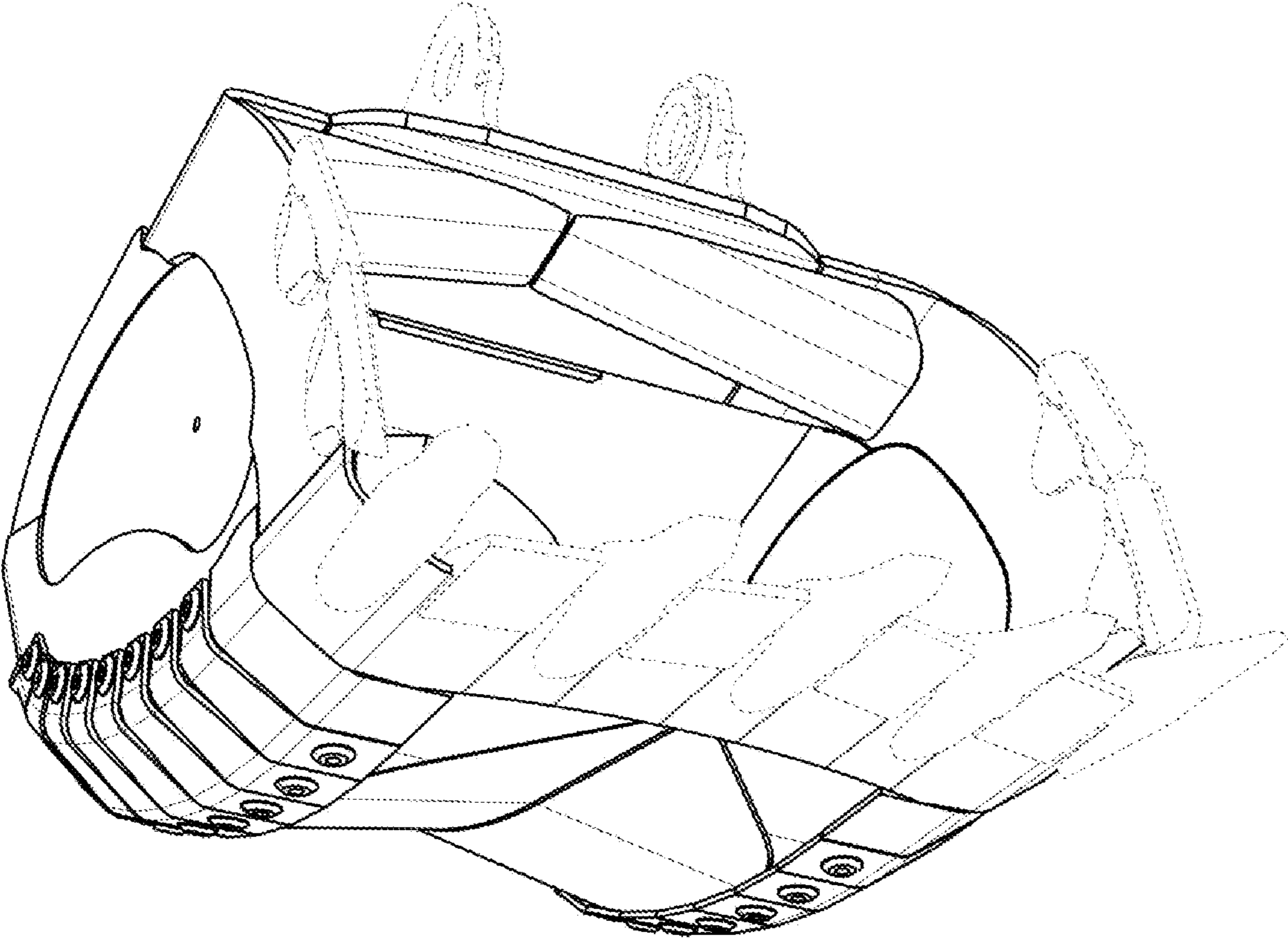
U.S. PATENT DOCUMENTS

D684,598	S	*	6/2013	Hagura	D15/24
D684,599	S	*	6/2013	Saito	D15/24
D684,600	S	*	6/2013	Saito	.....	D15/24
D685,394	S	*	7/2013	Nagata	.....	D15/24
D687,865	S	*	8/2013	Hatanaka	.....	D15/24
D688,713	S	*	8/2013	Seino	.....	D15/33
D692,924	S	*	11/2013	Hatanaka	.....	D15/24
D707,261	S	*	6/2014	Caboret	.....	D15/24
D711,927	S	*	8/2014	Yoshita	.....	D15/24
D716,844	S	*	11/2014	Hayami	.....	D15/25
D716,845	S	*	11/2014	Hayami	.....	D15/25
D725,680	S	*	3/2015	Mishio	.....	D15/24
D742,934	S	*	11/2015	Kushita	.....	D15/25
D750,672	S	*	3/2016	Payne	.....	D15/25
D752,112	S	*	3/2016	Hagura	.....	D15/24
D752,113	S	*	3/2016	Hagura	.....	D15/24
D752,651	S	*	3/2016	Hagura	.....	D15/24
D759,127	S	*	6/2016	Higuchi	.....	D15/24
D812,646	S	*	3/2018	Hashimoto	.....	D15/28
D821,450	S	*	6/2018	Hashimoto	.....	D15/25
D830,421	S	*	10/2018	Colclough	.....	D15/24
D830,422	S	*	10/2018	Colclough	.....	D15/24
D830,423	S	*	10/2018	Colclough	.....	D15/25
D830,424	S	*	10/2018	Colclough	.....	D15/25
D830,425	S	*	10/2018	Colclough	.....	D15/25
D830,426	S	*	10/2018	Colclough	.....	D15/25
D830,427	S	*	10/2018	Colclough	.....	D15/28
D830,428	S	*	10/2018	Colclough	.....	D15/28
D831,078	S	*	10/2018	Colclough	D15/28
2004/0084934	A1	*	5/2004	Yokoo	E02F 9/18 296/190.01

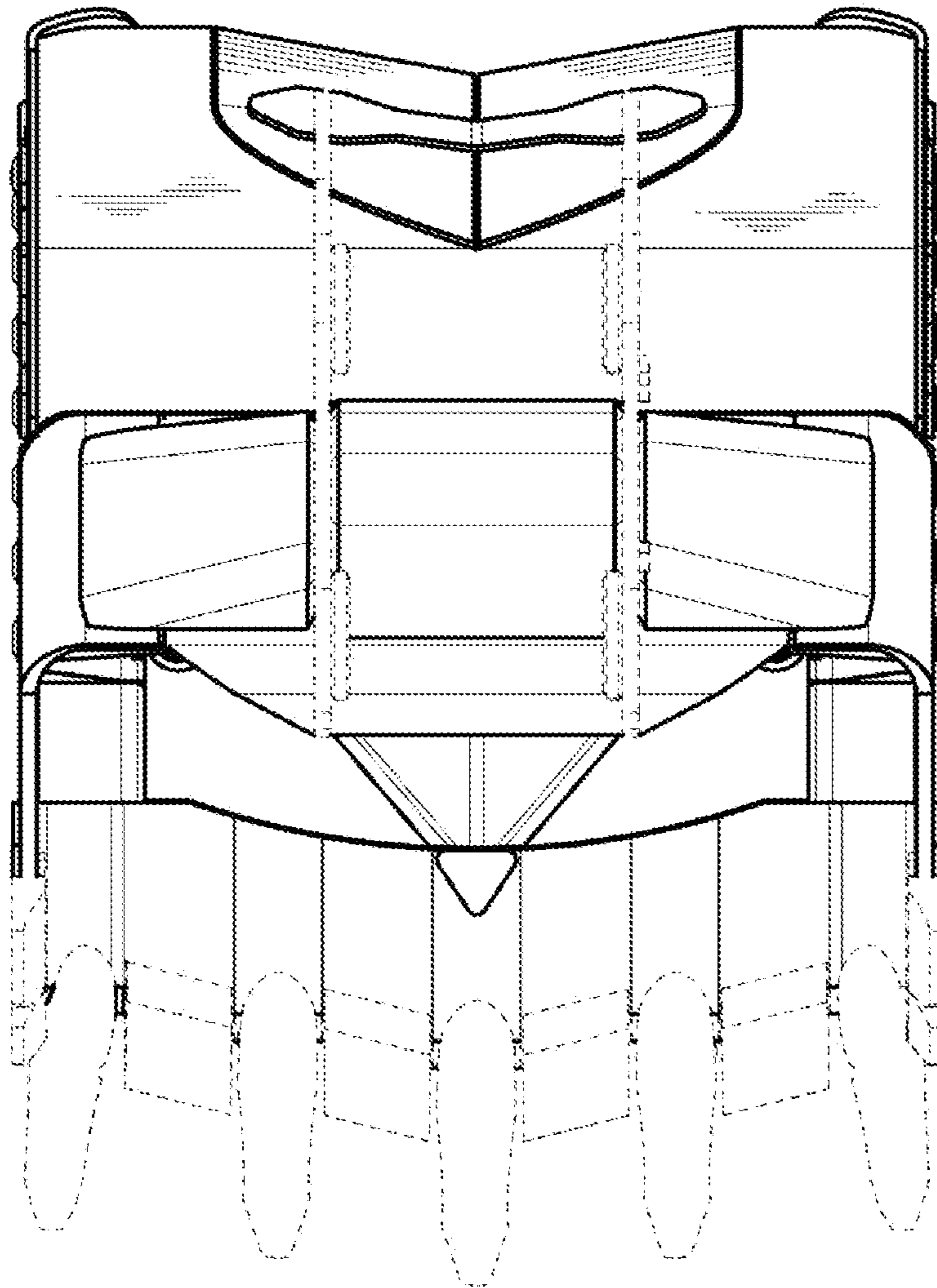
* cited by examiner



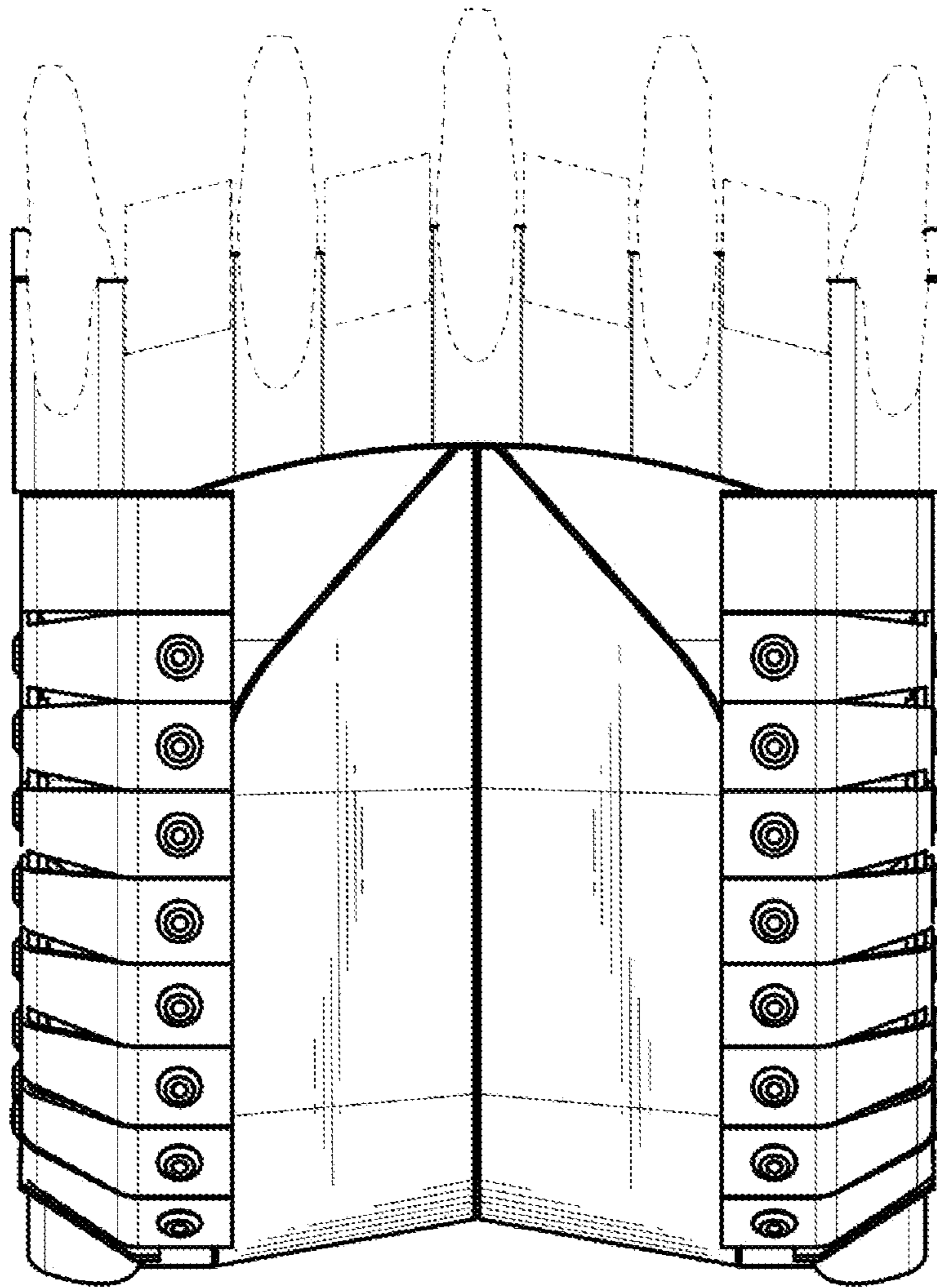
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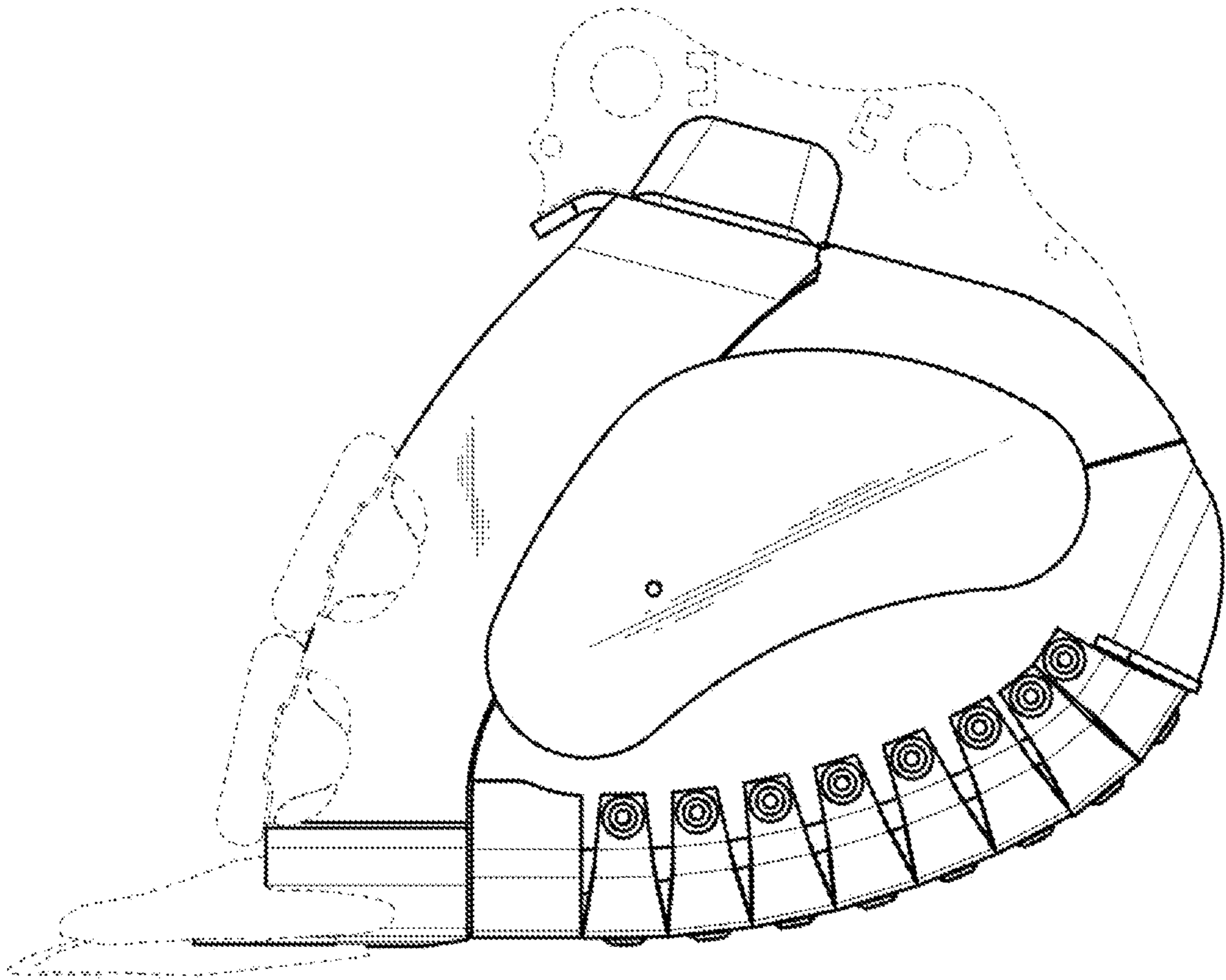
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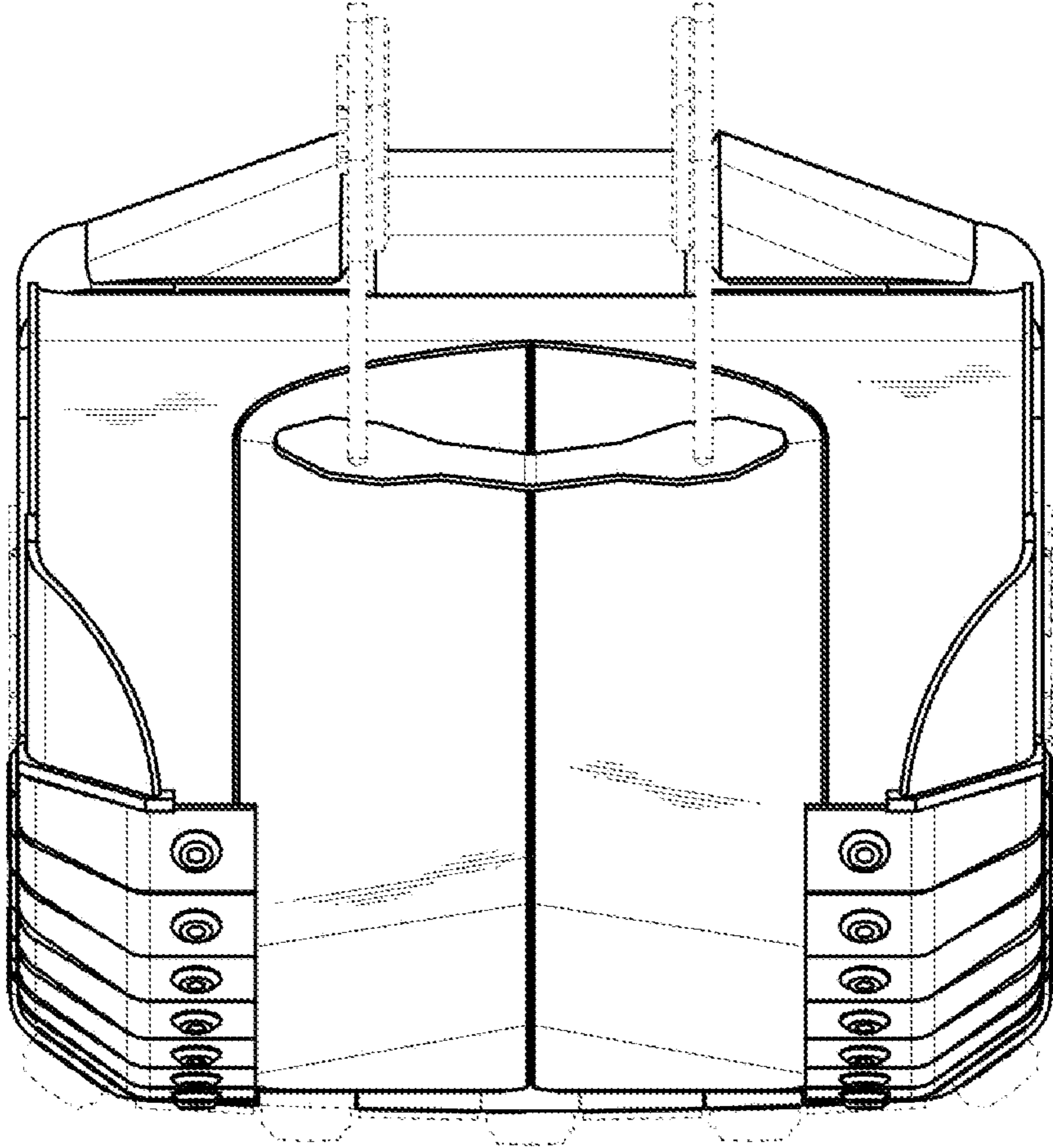
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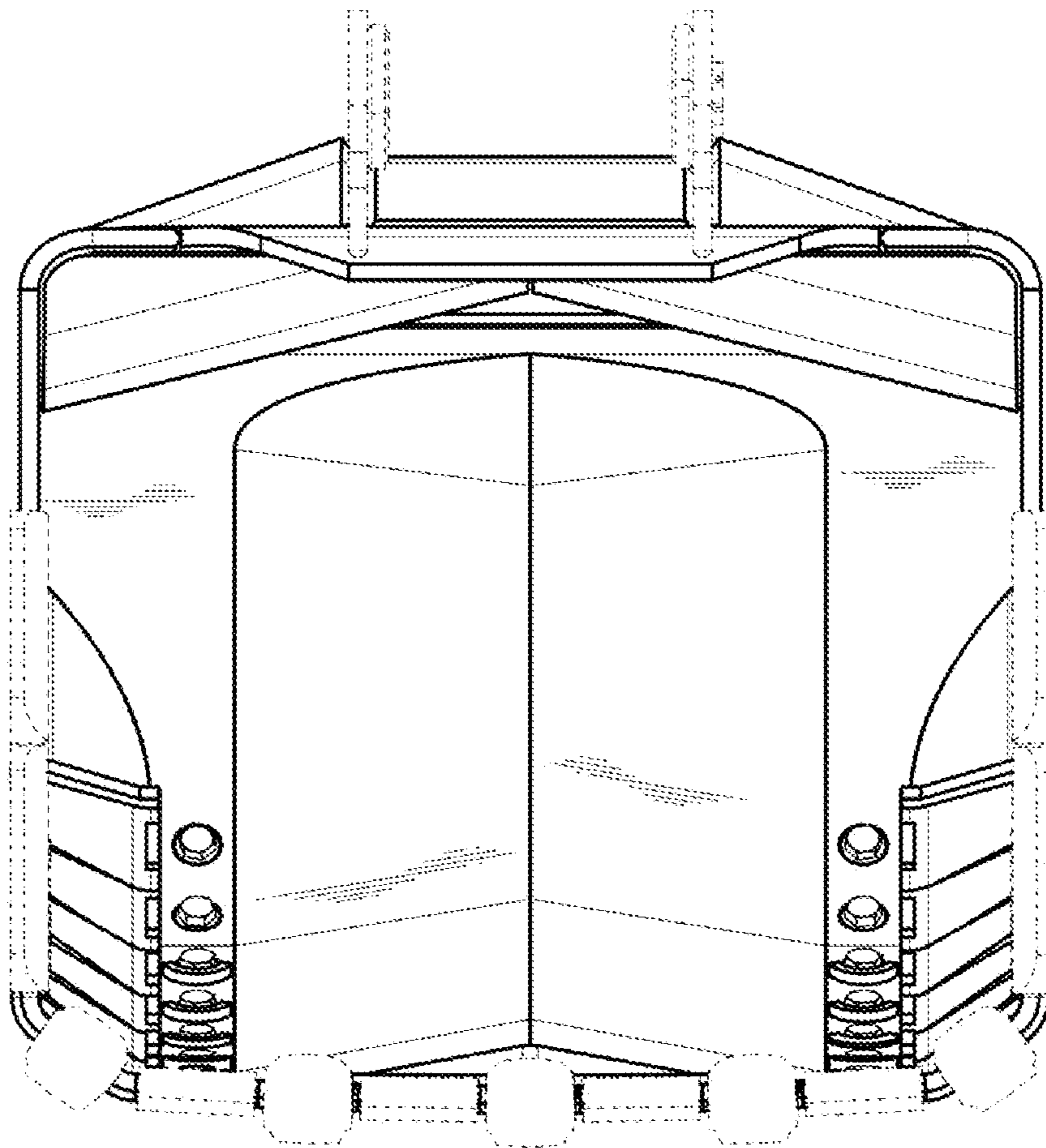
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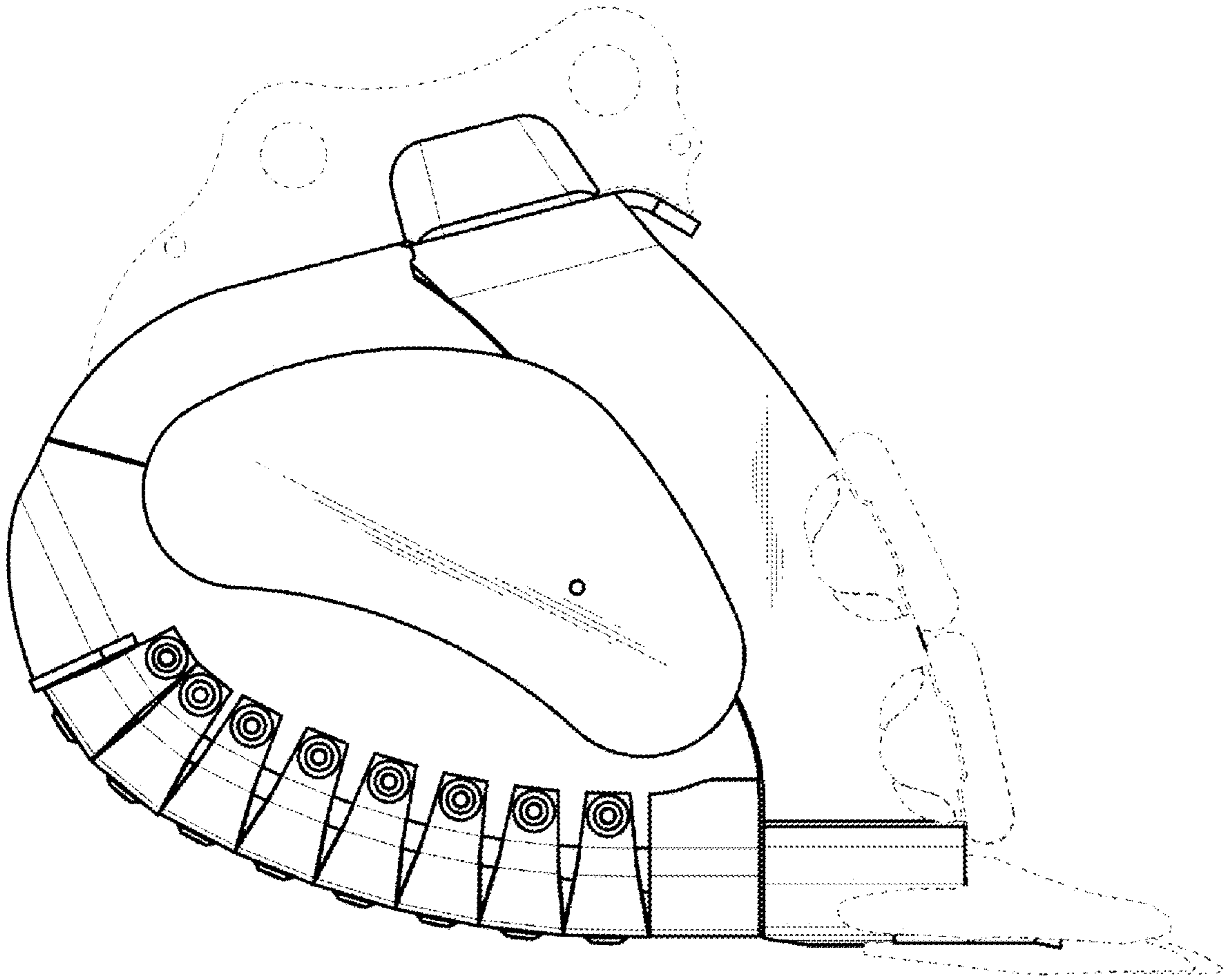
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