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Okada et al.

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(54) **HOLDER FOR A TRANSPORTATION ROBOT**

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(73) Assignee: **OMRON CORPORATION**, Kyoto (JP)

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

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(52) **U.S. Cl.**
USPC **D15/199**

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D21/578-583, 621, 622; D32/21;
D34/34
CPC B23K 9/133; B23K 9/287; B25J 9/0018;
B25J 19/0025; Y10T 74/20; Y10T
74/20207; Y10T 74/20311; Y10T
74/20305; Y10S 901/01
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D107,328 S * 12/1937 Ullrich D8/366
2,590,446 A * 3/1952 Murphy A47H 1/144
248/262
4,729,418 A * 3/1988 Rude E06B 9/60
160/323.1

D295,105 S * 4/1988 Dawson D34/18
5,658,120 A * 8/1997 Watanabe B23Q 7/1436
414/495
D445,116 S * 7/2001 Evans D15/79
D478,804 S * 8/2003 Titus D8/363
D495,588 S * 9/2004 Wurdack D8/367
D568,727 S * 5/2008 Walker D8/380
D574,221 S * 8/2008 Allen D8/349
D612,534 S * 3/2010 Mayfield, III D26/142
D616,908 S * 6/2010 Labak D15/199
D635,449 S * 4/2011 Robinson D8/366
D638,282 S * 5/2011 Robinson D8/366
D638,687 S * 5/2011 Minkley D8/349
D640,122 S * 6/2011 Stearns D8/355
D646,618 S * 10/2011 Mulanon D12/406
8,342,466 B2 * 1/2013 Toshima A47B 96/068
248/220.21

(Continued)

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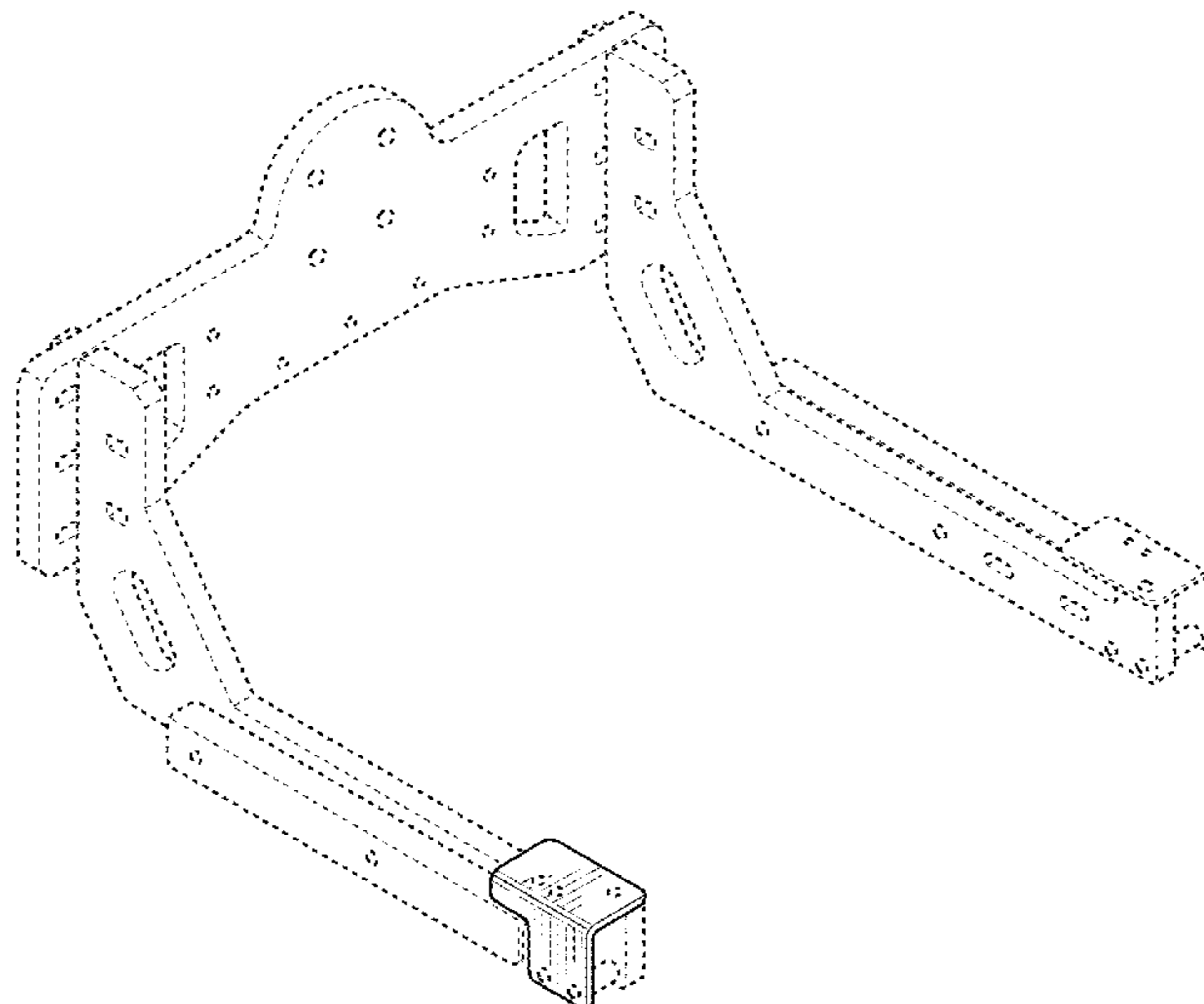
(57) **CLAIM**

The ornamental design for the holder for a transportation robot, as shown and described.

DESCRIPTION

FIG. 1 is a bottom, front, left perspective view of a holder for a transportation robot showing our new design; FIG. 2 is a top, front, left perspective view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a right side view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a rear view thereof; and, FIG. 8 is a front view thereof. The broken lines in the figures show portions of the holder for a transportation robot that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D712,447 S * 9/2014 He D8/366
D732,939 S * 6/2015 Cannaverde A47H 1/14
D841,067 S * 2/2019 Camporesi A47B 96/068
D843,427 S * 3/2019 Medal D8/366
D852,250 S * 6/2019 Nabeiro D8/355
D891,229 S * 7/2020 Hohmann, Jr. D8/354
2009/0035181 A1* 2/2009 Chung G01N 35/0099
2010/0145520 A1* 6/2010 Gerio G05B 19/425
2011/0077750 A1* 3/2011 Stummer G08C 17/00
2011/0135189 A1* 6/2011 Lee E06B 9/60
2014/0074287 A1* 3/2014 LaFary G05D 1/0274
2014/0350725 A1* 11/2014 LaFary G06N 3/008
2015/0088359 A1* 3/2015 Choi G05D 1/0225
2018/0086403 A1* 3/2018 Kawasaki B23P 19/10
2019/0126470 A1* 5/2019 Oumi B25J 11/005

* cited by examiner

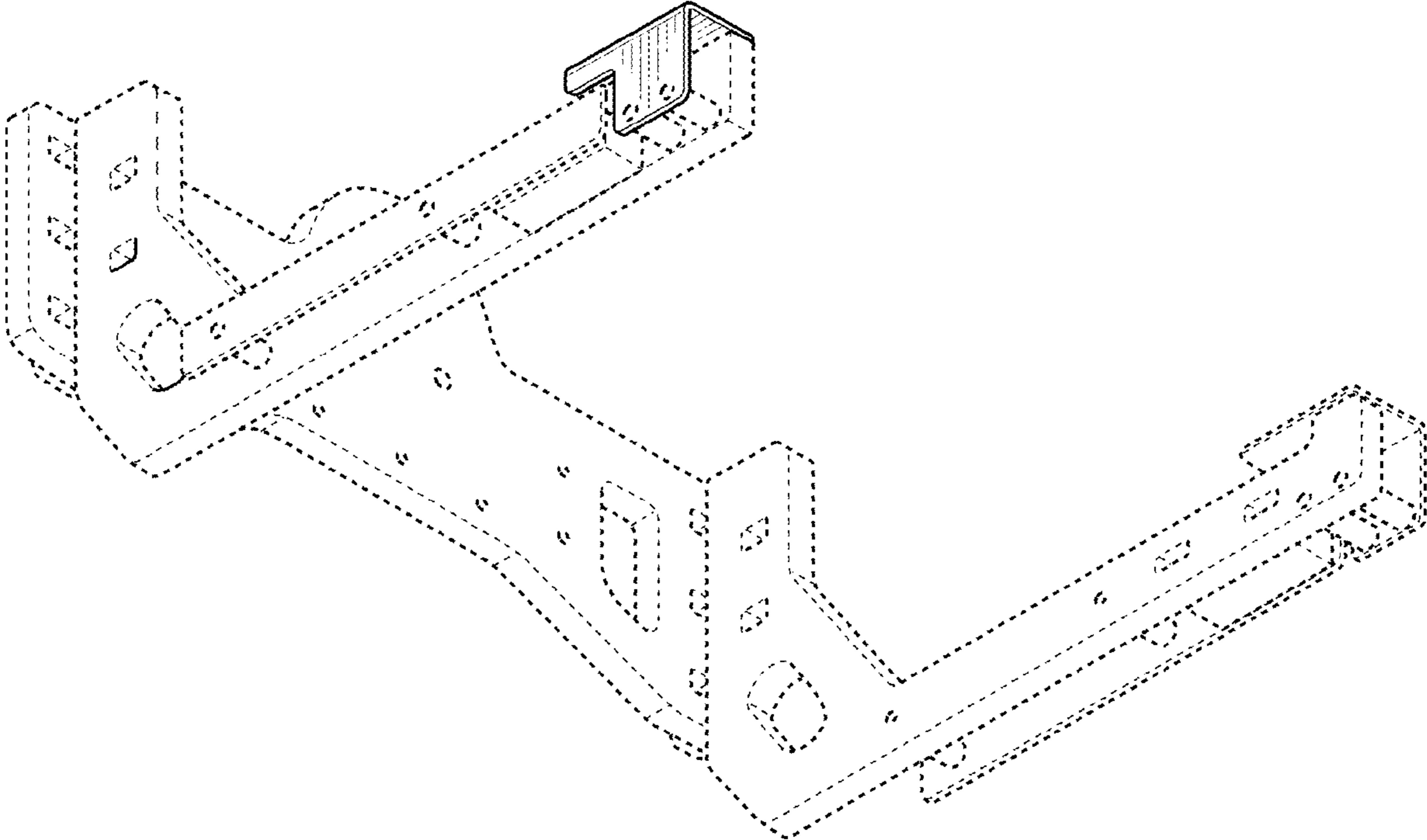


FIG. 1

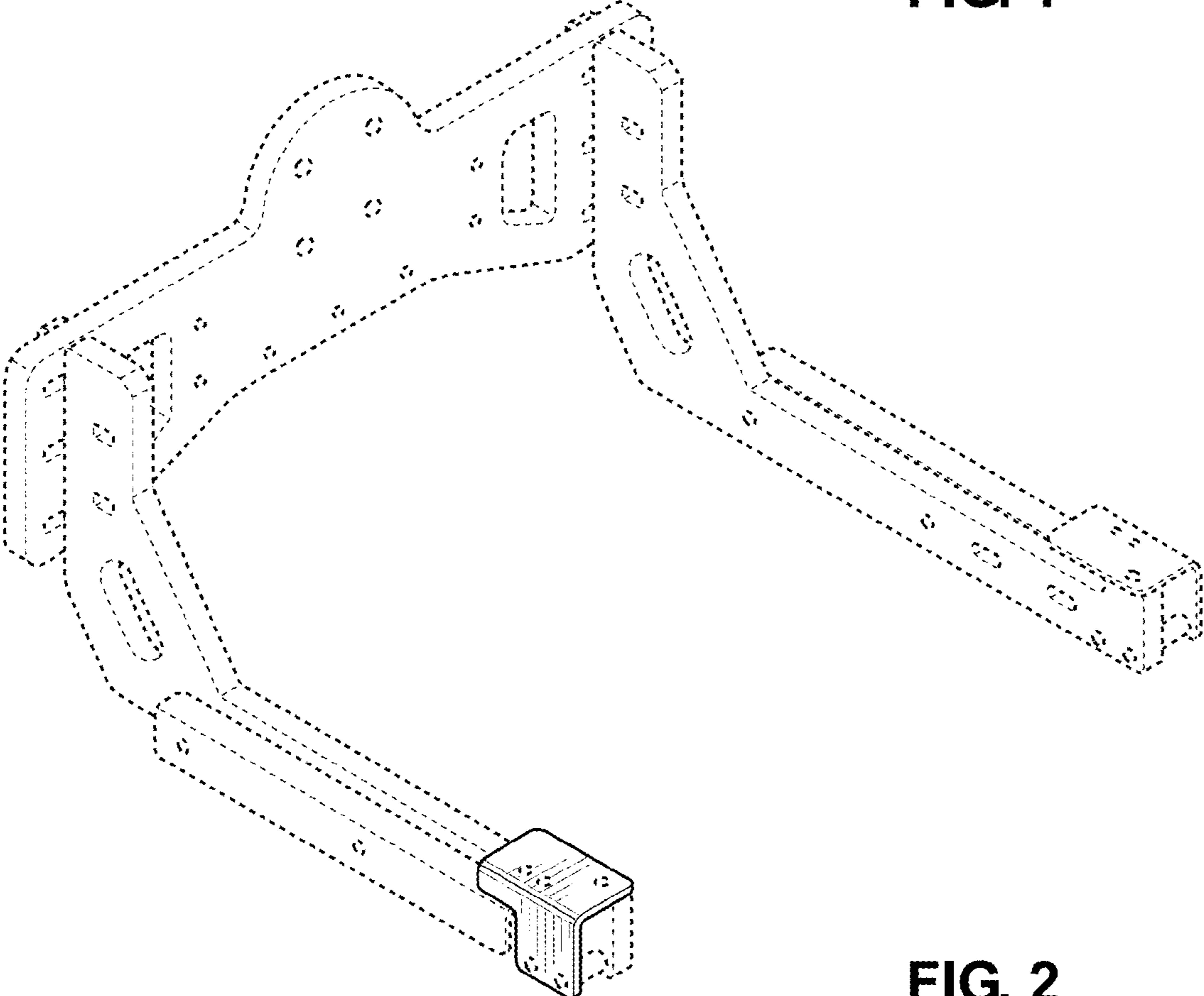


FIG. 2

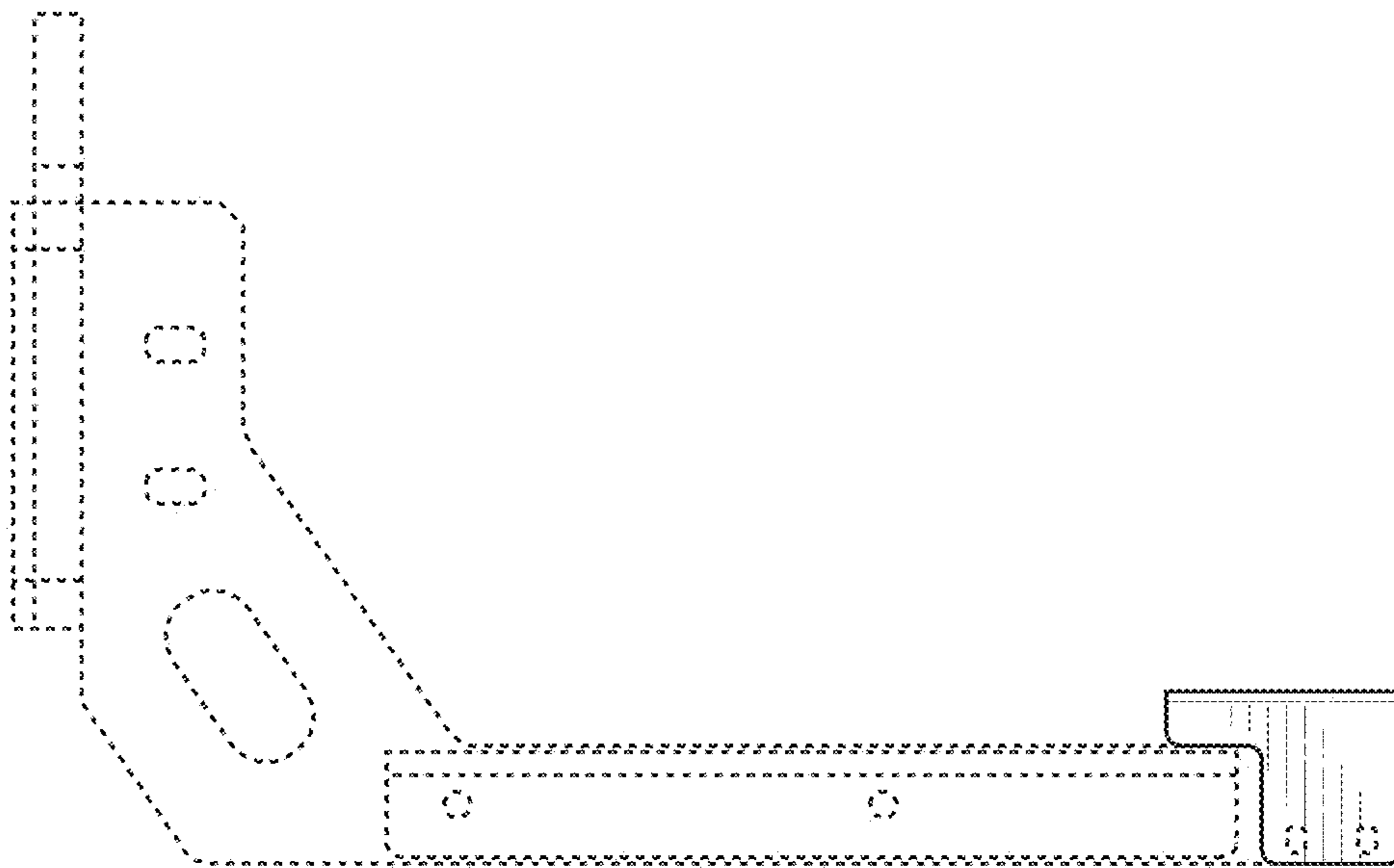


FIG. 3

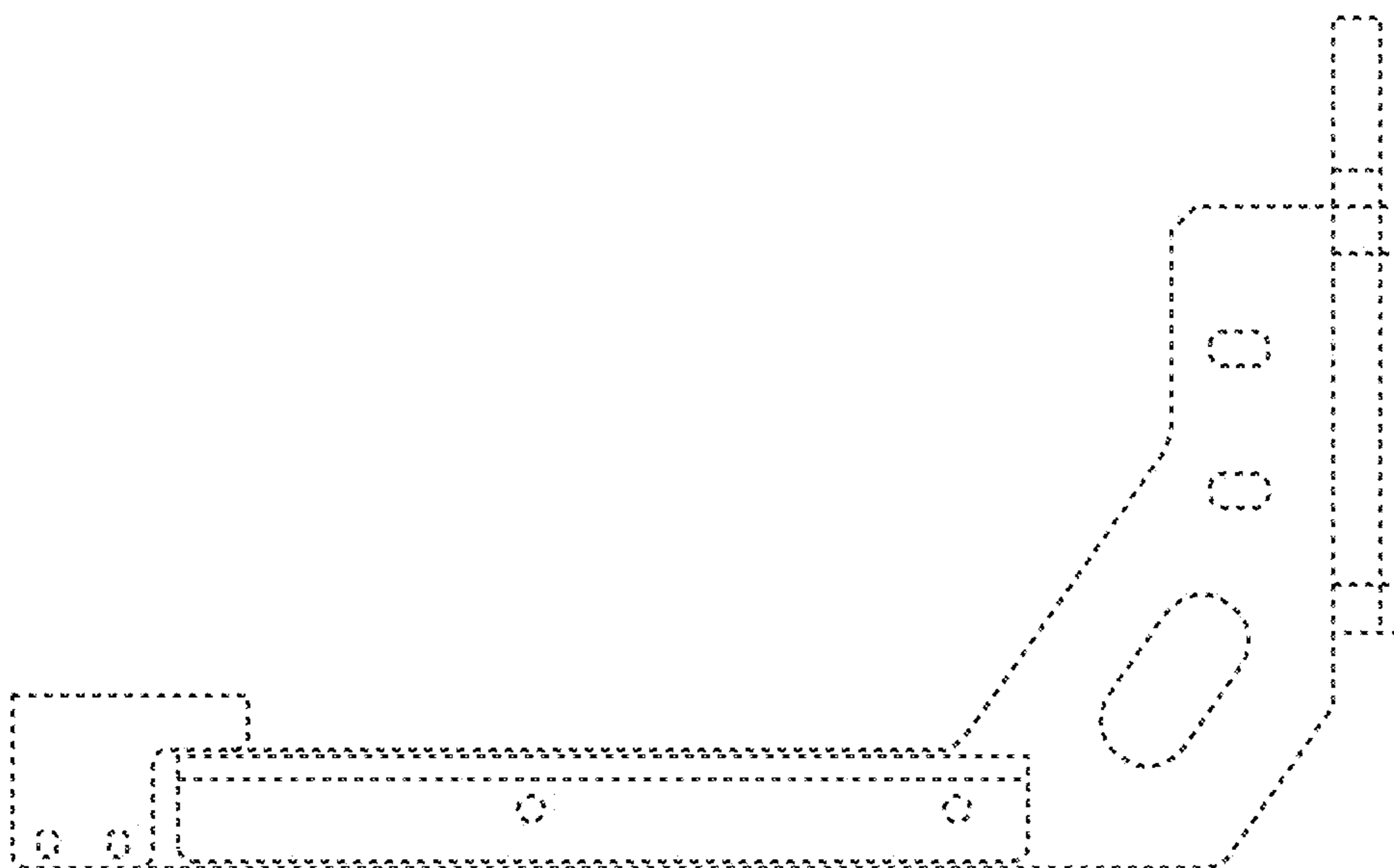


FIG. 4

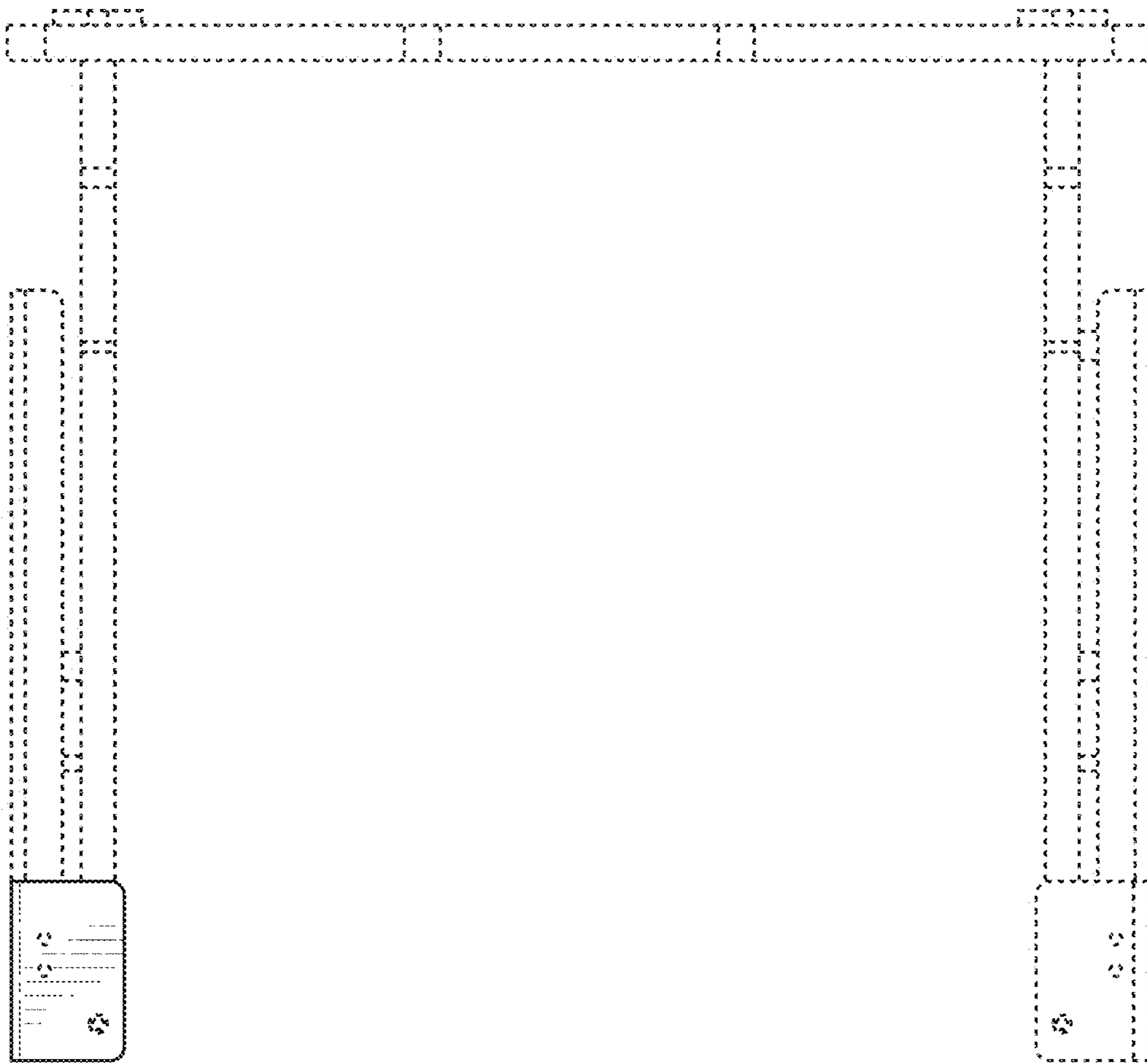


FIG. 5

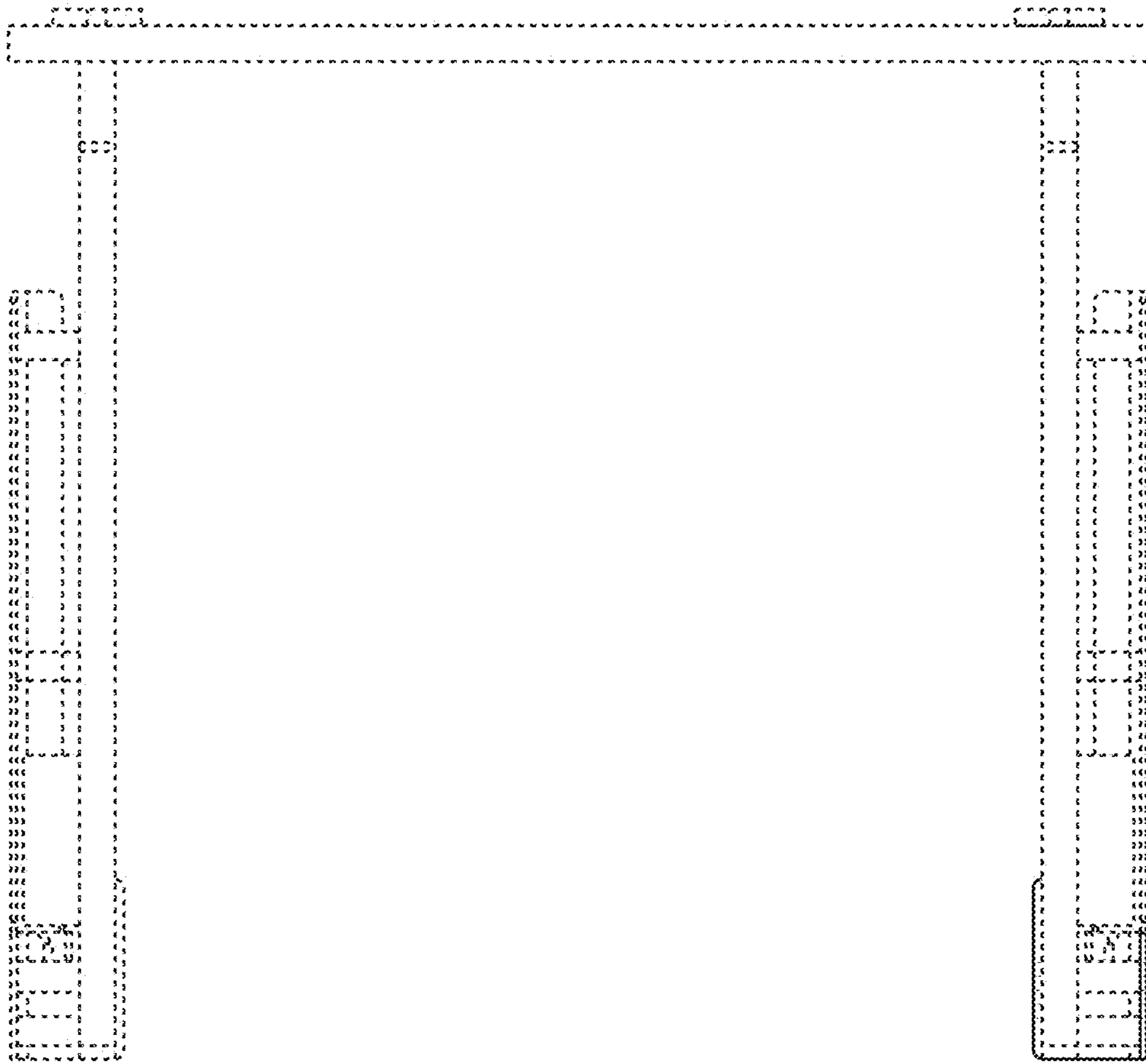


FIG. 6

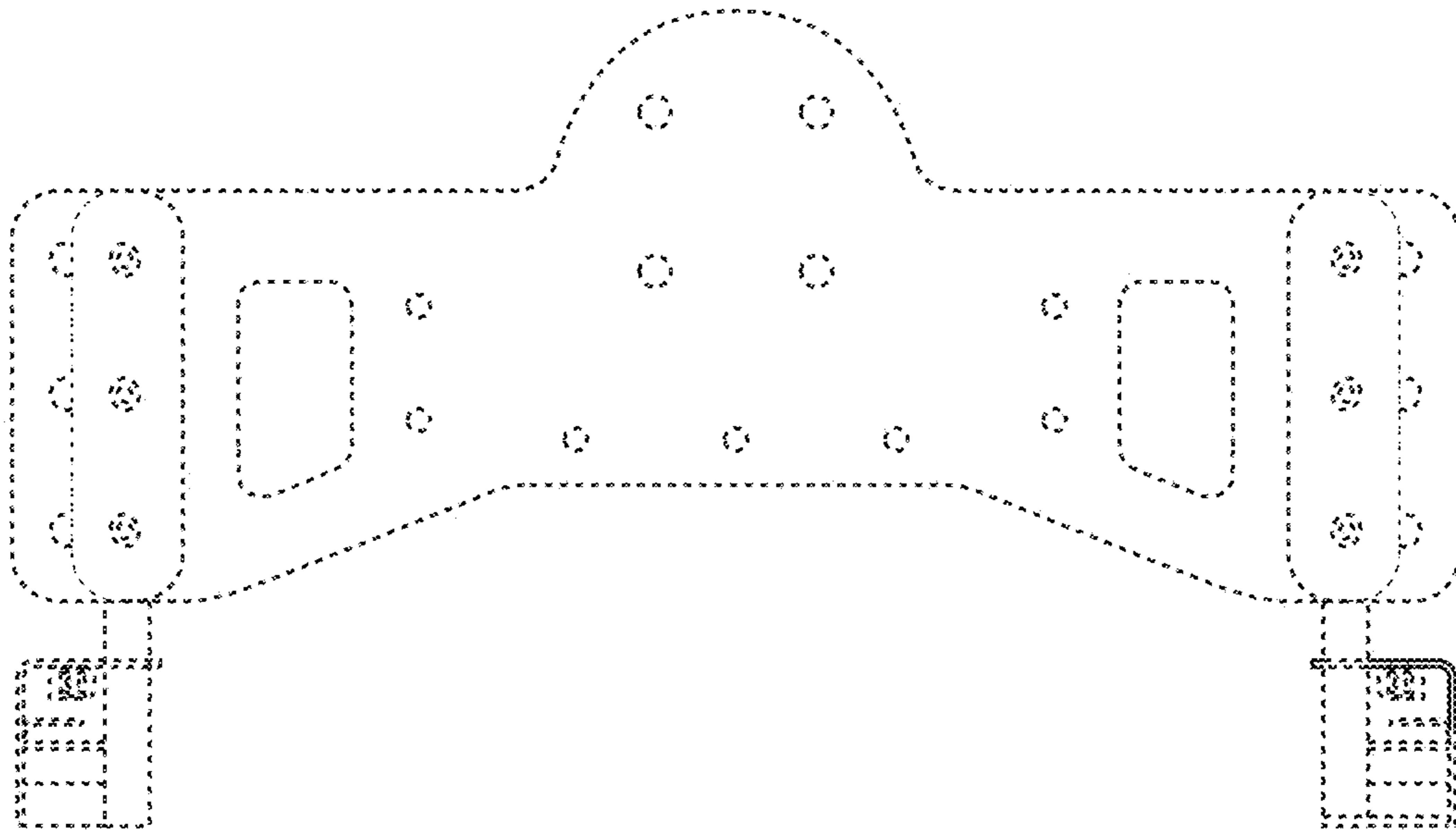


FIG. 7

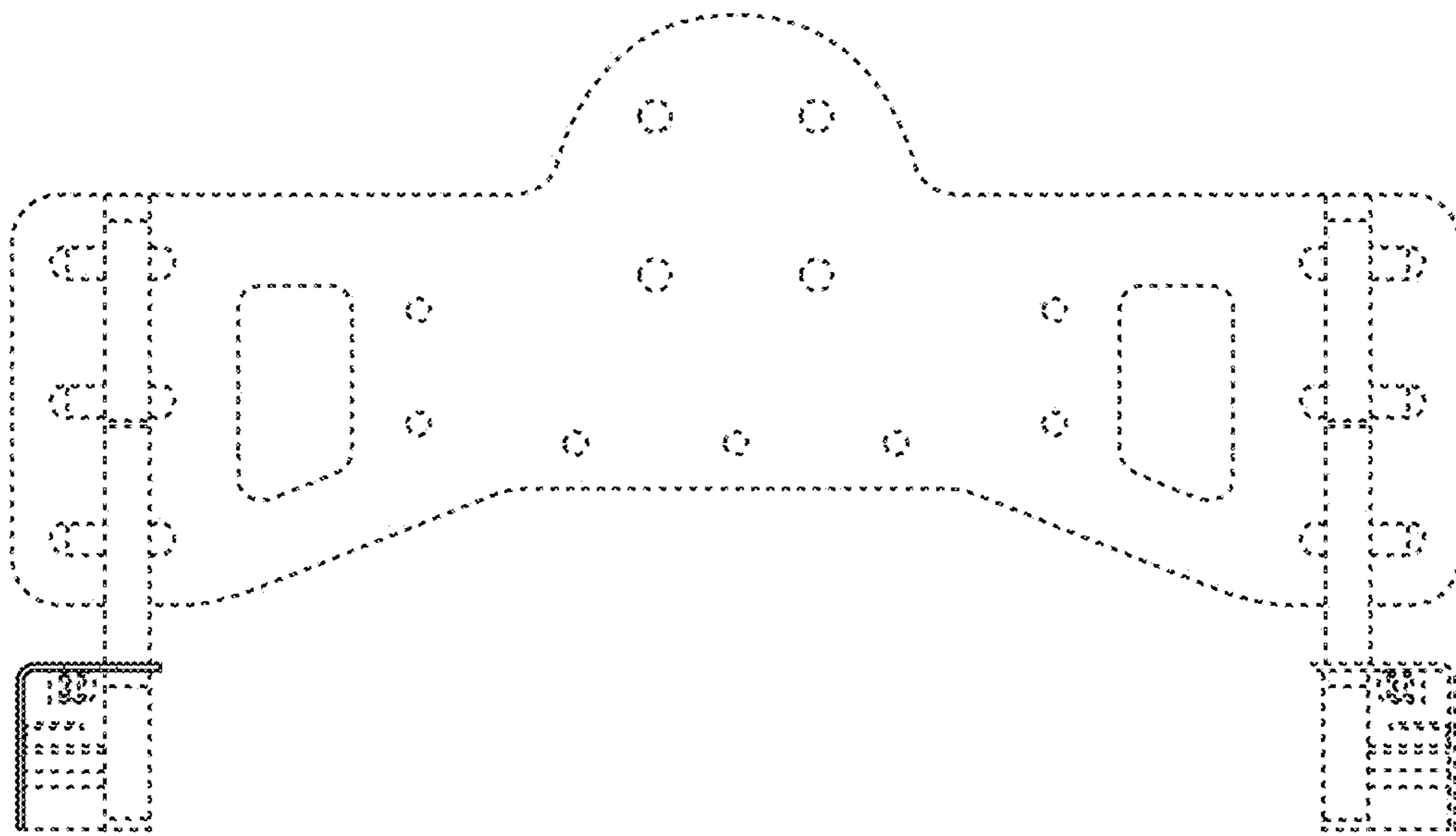


FIG. 8