



US00D776003S

(12) **United States Design Patent**
Lee et al.

(10) **Patent No.:** **US D776,003 S**
(45) **Date of Patent:** **** Jan. 10, 2017**

(54) **LIGHT TACTICAL VEHICLE HULL**

(71) Applicants: **Chu-Hwa Lee**, Troy, MI (US); **James A. Capouellez**, Lake Orion, MI (US); **Demetrio M. Lacap**, Shelby Township, MI (US); **Shawn J. Keller**, Macomb, MI (US)

(72) Inventors: **Chu-Hwa Lee**, Troy, MI (US); **James A. Capouellez**, Lake Orion, MI (US); **Demetrio M. Lacap**, Shelby Township, MI (US); **Shawn J. Keller**, Macomb, MI (US)

(73) Assignee: **The United States of America as represented by the Secretary of the Army**, Washington, DC (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/508,573**

(22) Filed: **Nov. 7, 2014**

(51) **LOC (10) Cl.** **12-13**

(52) **U.S. Cl.**
USPC **D12/12**

(58) **Field of Classification Search**
USPC **D12/1, 12, 14, 15**

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,382,862 A 8/1945 Davis
D164,216 S 8/1951 Baldine

(Continued)

OTHER PUBLICATIONS

Interlocking Joints, Downloaded from Internet, Jun. 2014, 14 Pages.

Primary Examiner — T. Chase Nelson

Assistant Examiner — Ania Aman

(74) *Attorney, Agent, or Firm* — Thomas W. Saur; Gary A. Smith

(57) **CLAIM**

The ornamental design for a light tactical vehicle hull, as shown and described.

DESCRIPTION

The invention described here may be made, used and licensed by and for the U.S. government for governmental purposes without paying royalty to us.

FIG. 1 is a front, left, top isometric view of a light tactical vehicle hull;

FIG. 2 is a second, close-up, front, left, top isometric view thereof;

FIG. 3 is third, close-up, front, left, top isometric view thereof;

FIG. 4 is a rear, left, top isometric view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

FIG. 7 is a front view thereof;

FIG. 8 is a rear view thereof;

FIG. 9 is a top plan view thereof;

FIG. 10 is a bottom plan view thereof;

FIG. 11 is a bottom, front, left isometric view thereof;

FIG. 12 is a bottom, front, right isometric view thereof;

FIG. 13 is a bottom, rear, left isometric view thereof;

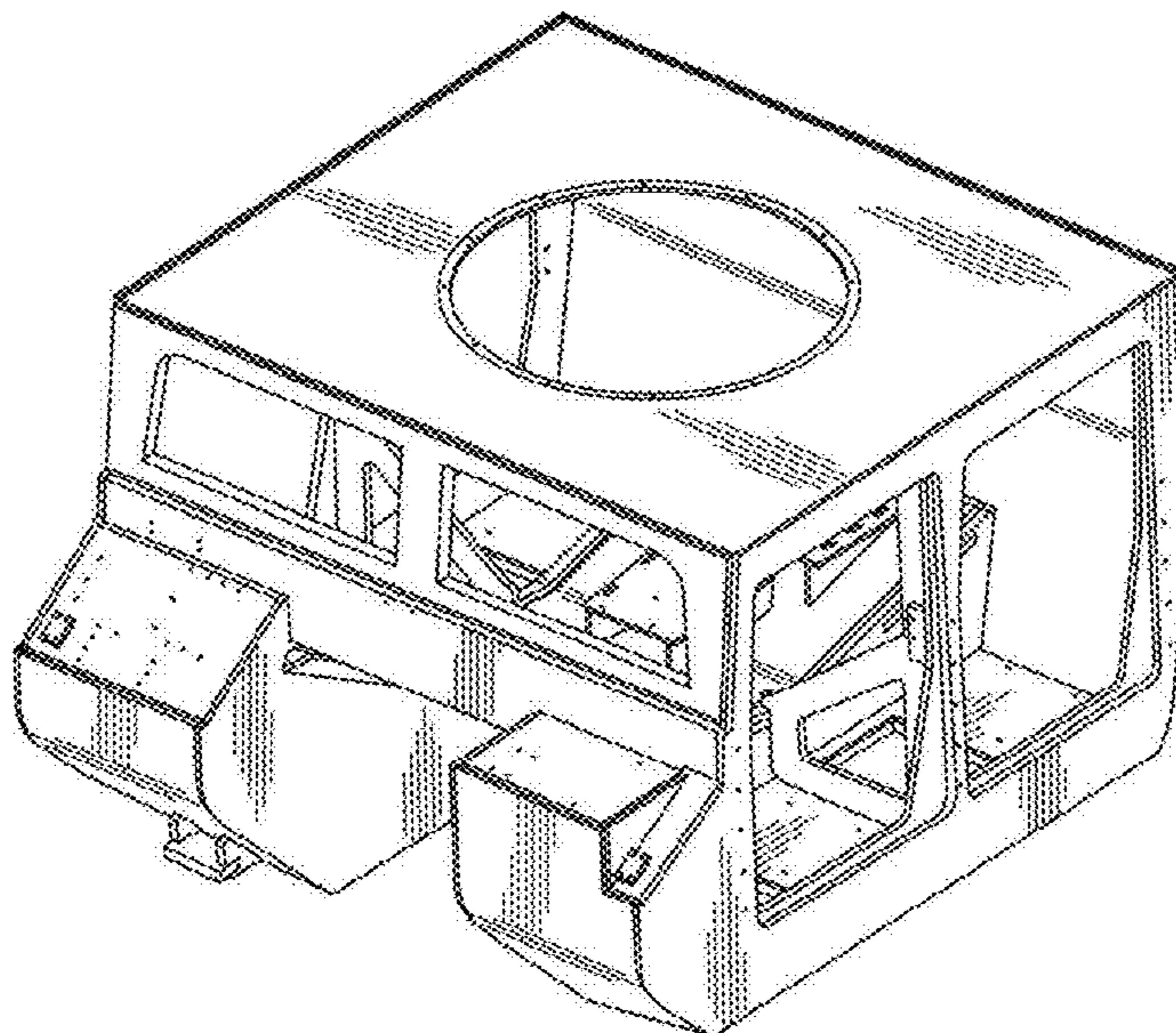
FIG. 14 is a second bottom, rear, left isometric view thereof;

FIG. 15 is a bottom, rear, right isometric view thereof; and,

FIG. 16 is a sectional view taken at line 16-16 on FIG. 9.

All views are orthogonal unless otherwise indicated. The broken lines shown on FIG. 1 depict environmental structure only, and form no part of the claimed design.

1 Claim, 16 Drawing Sheets



(58) **Field of Classification Search**
 CPC F41H 5/20; F41H 7/04; F41H 5/26;
 F41H 5/013; F41H 7/02; F41H
 5/18; F41H 5/14; F41H 7/00; F41H 7/03;
 F41H 7/048; F41H 7/042; F41H 7/044
 See application file for complete search history.

(56) **References Cited**
 U.S. PATENT DOCUMENTS

2,662,793 A 12/1953 Lindsay
 3,243,898 A 4/1966 Lewis et al.
 3,318,024 A 5/1967 Fujinaka et al.
 4,280,393 A 7/1981 Giraud et al.
 4,362,083 A 12/1982 Straub
 4,412,122 A 10/1983 Bohm et al.
 4,416,485 A 11/1983 Long
 4,492,282 A 1/1985 Appelblatt et al.
 5,600,085 A 2/1997 Schalke et al.
 5,663,520 A 9/1997 Ladika et al.
 6,187,451 B1 2/2001 Boos
 D465,435 S 11/2002 Legueu
 7,225,717 B2 6/2007 Williams
 7,237,833 B1 7/2007 Moll
 D548,646 S 8/2007 Green, Jr. et al.
 D552,507 S 10/2007 Hammick
 D580,825 S 11/2008 Green, Jr.
 D593,450 S 6/2009 Green, Jr. et al.
 7,695,053 B1 4/2010 Boczek et al.
 7,741,580 B2 6/2010 Holdren
 7,770,506 B2 8/2010 Johnson et al.
 8,096,225 B1 1/2012 Johnson et al.
 8,146,477 B2 4/2012 Joynt

8,151,685 B2 4/2012 Joynt
 8,413,567 B2 4/2013 Luther et al.
 8,454,082 B2 6/2013 Medwell
 8,601,931 B2 12/2013 Naroditsky et al.
 8,616,617 B2 12/2013 Sherbeck et al.
 8,640,595 B2 2/2014 Henker et al.
 8,667,880 B1 3/2014 Berman
 D738,784 S * 9/2015 Tunis D12/12
 9,163,910 B2 * 10/2015 Harmon F41H 7/044
 2005/0132873 A1 6/2005 Supisiche et al.
 2006/0201319 A1 9/2006 De Wet
 2007/0186762 A1 8/2007 Dehart et al.
 2011/0259185 A1 * 10/2011 Berning F41H 5/0457
 89/36.02
 2011/0314999 A1 * 12/2011 Luther F41H 7/044
 89/36.02
 2012/0097019 A1 * 4/2012 Sherbeck F41H 7/044
 89/36.02
 2012/0153675 A1 6/2012 Rawlinson et al.
 2012/0174767 A1 * 7/2012 Naroditsky F41H 7/042
 89/36.08
 2012/0180637 A1 7/2012 Kocher
 2012/0186428 A1 7/2012 Peer et al.
 2012/0297966 A1 11/2012 Hunn et al.
 2013/0241237 A1 9/2013 Dziuba et al.
 2014/0060304 A1 * 3/2014 Harmon F41H 7/044
 89/36.02
 2014/0216238 A1 * 8/2014 Pfennig F41H 7/042
 89/36.02
 2016/0047631 A1 * 2/2016 Berman F41H 7/042
 296/187.07
 2016/0131458 A1 * 5/2016 Harmon F41H 7/044
 89/36.08

* cited by examiner

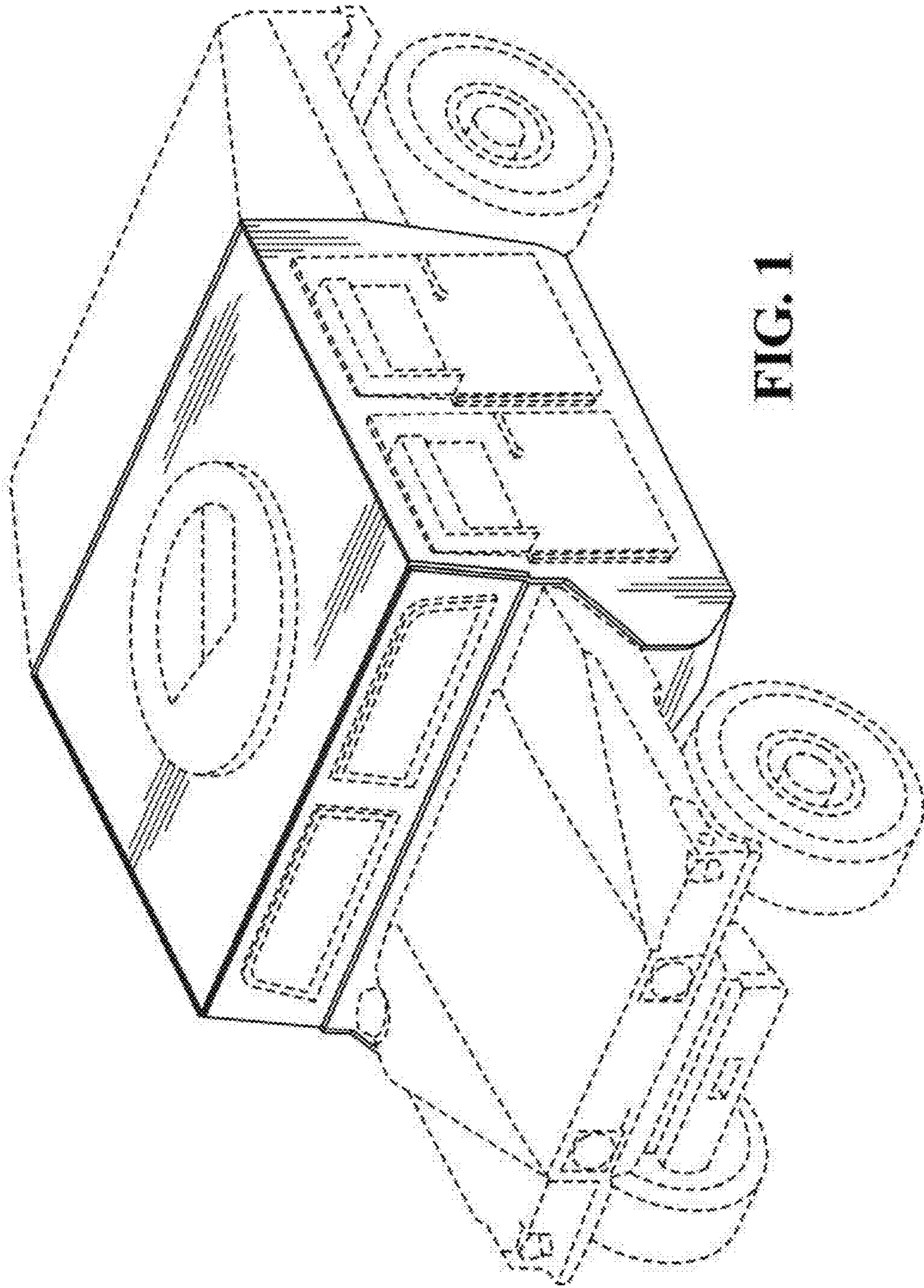


FIG. 1

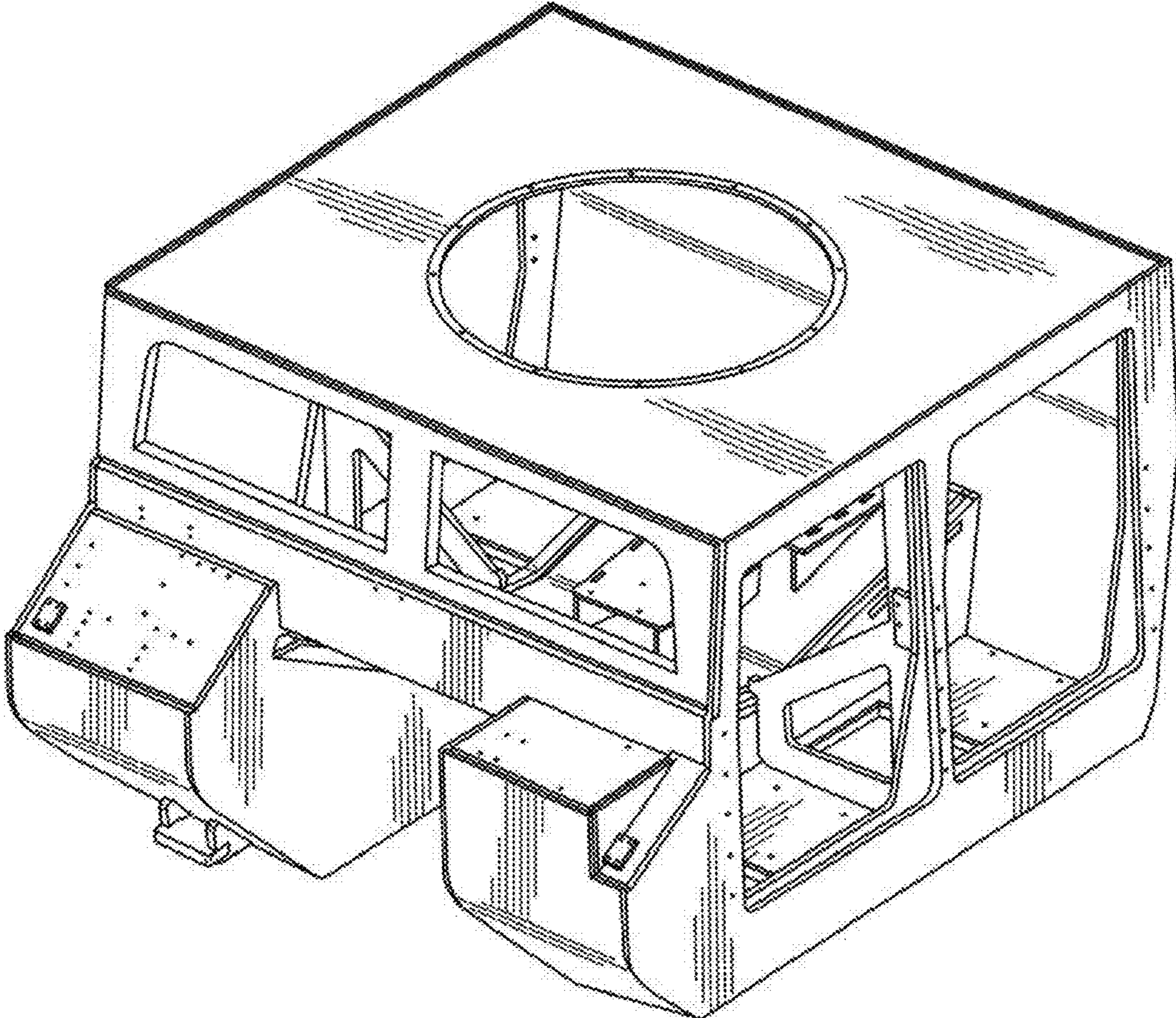


FIG. 2

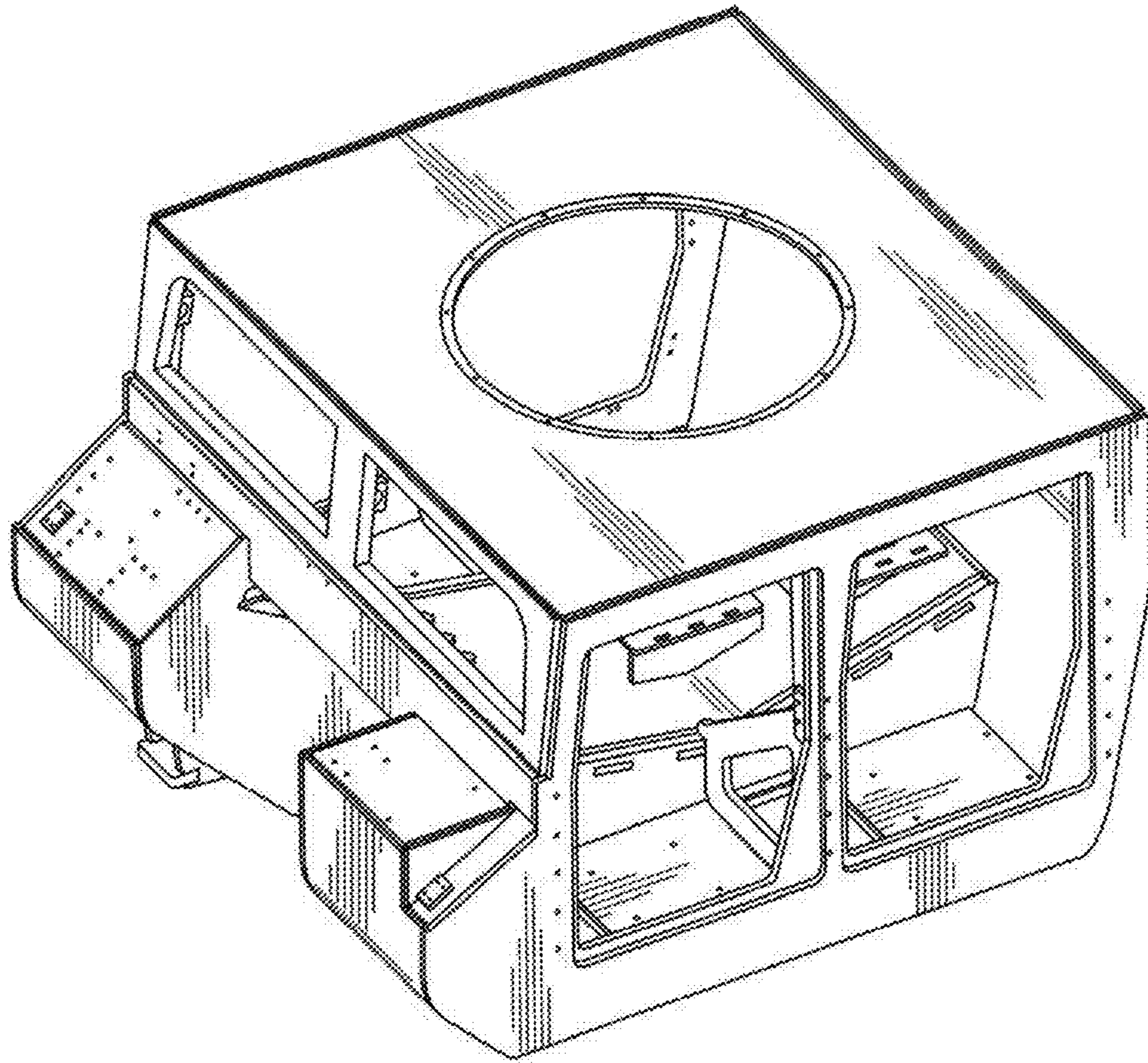


FIG. 3

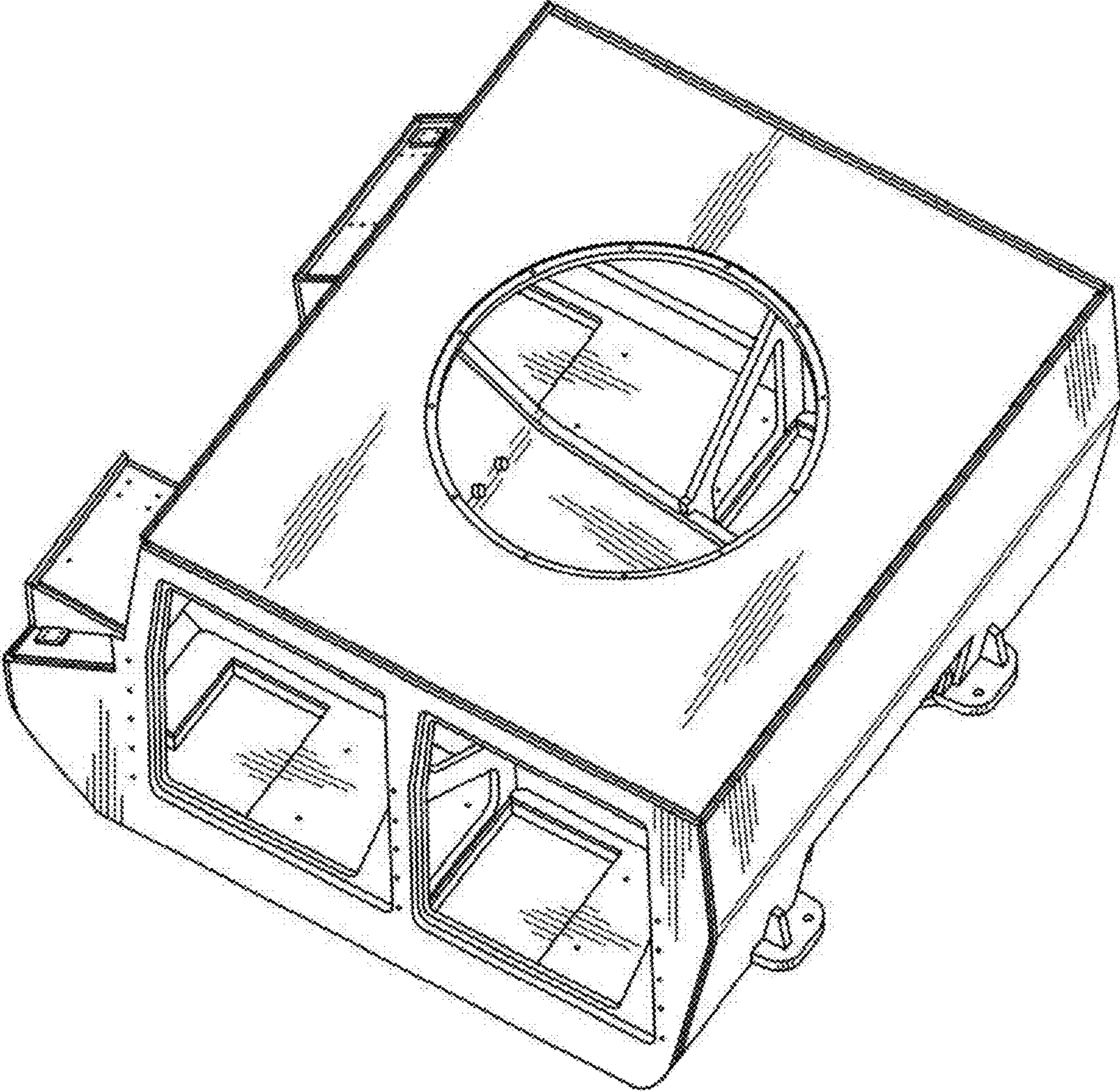


FIG. 4

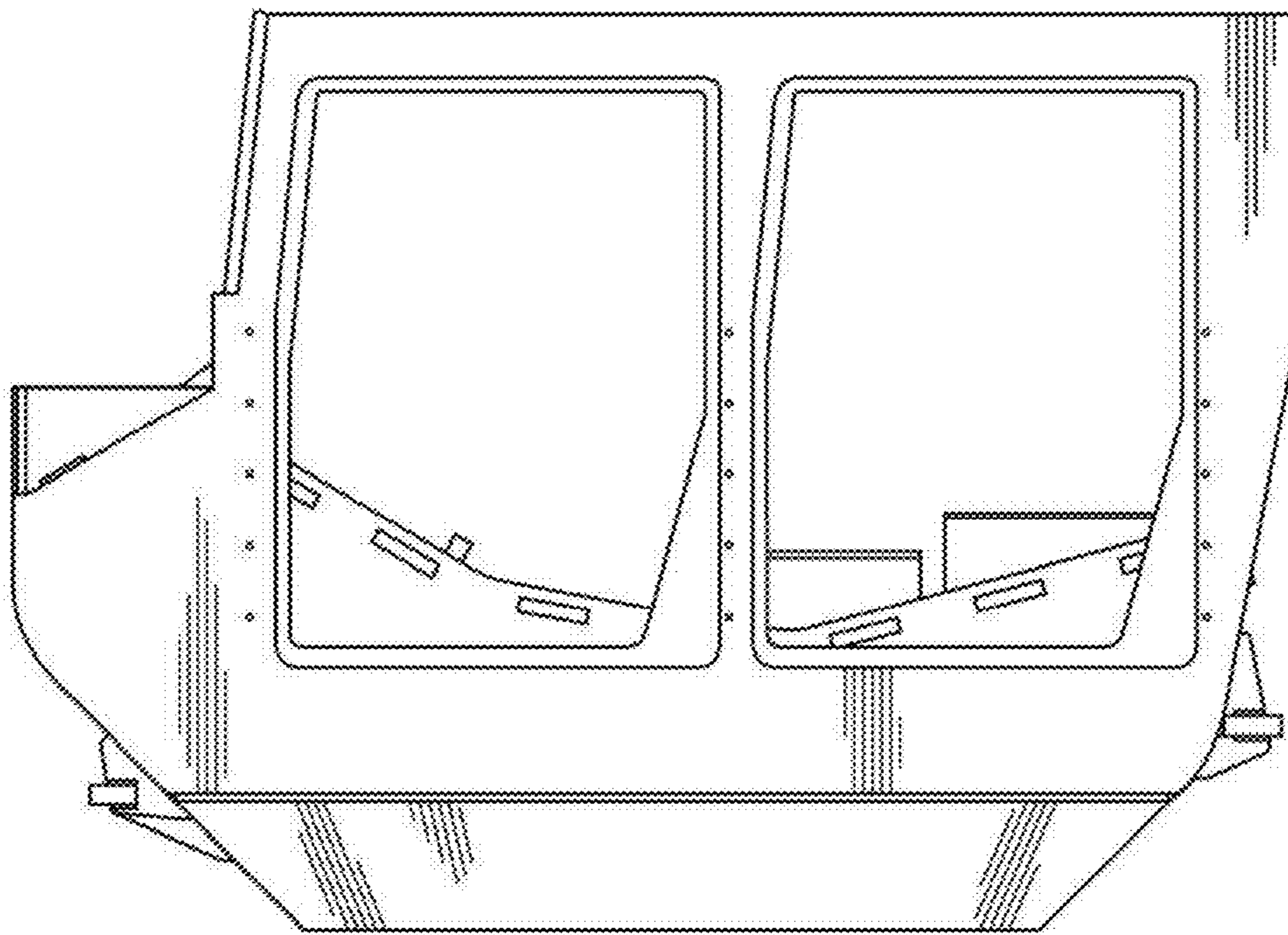


FIG. 5

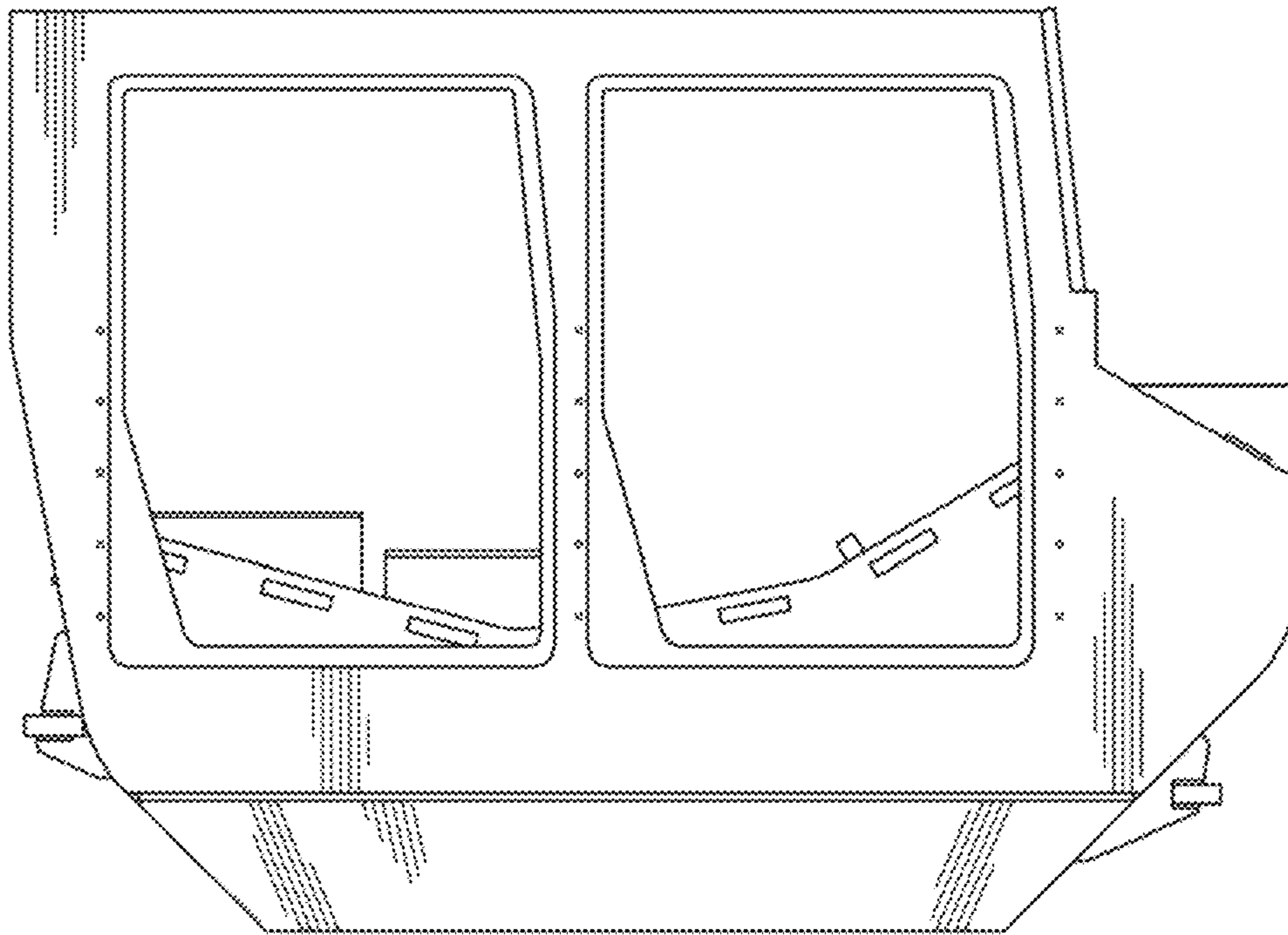


FIG. 6

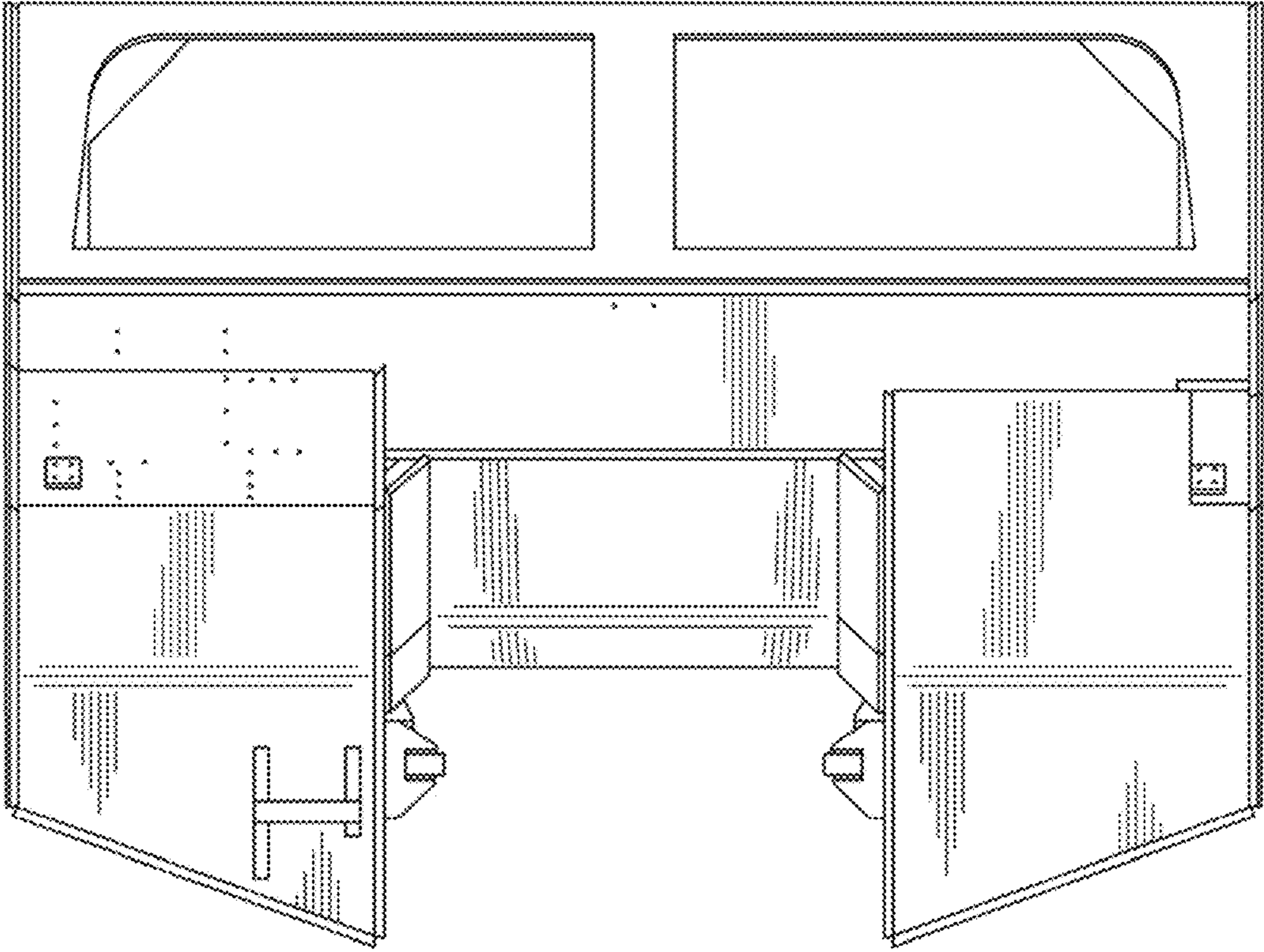


FIG. 7

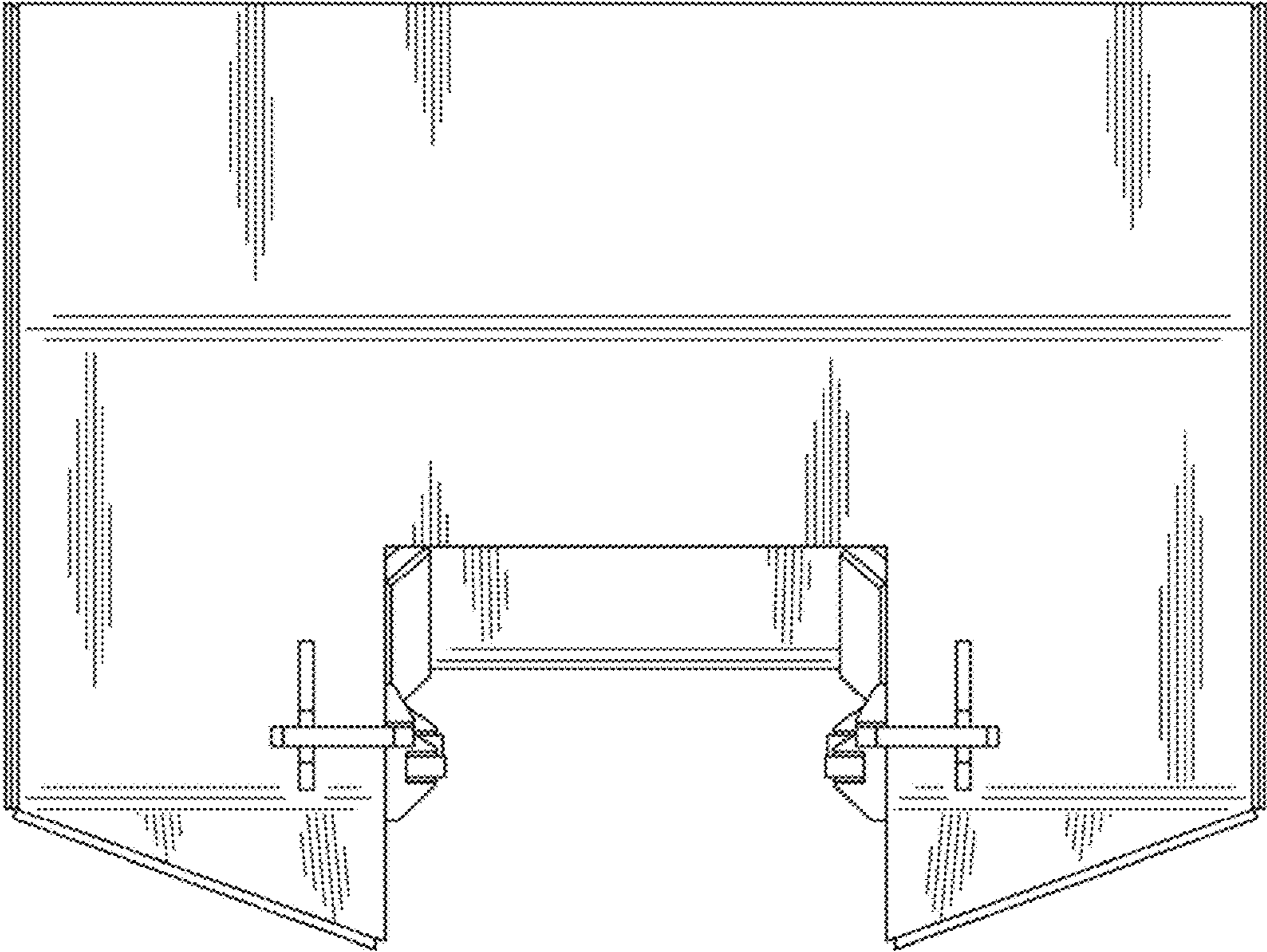


FIG. 8

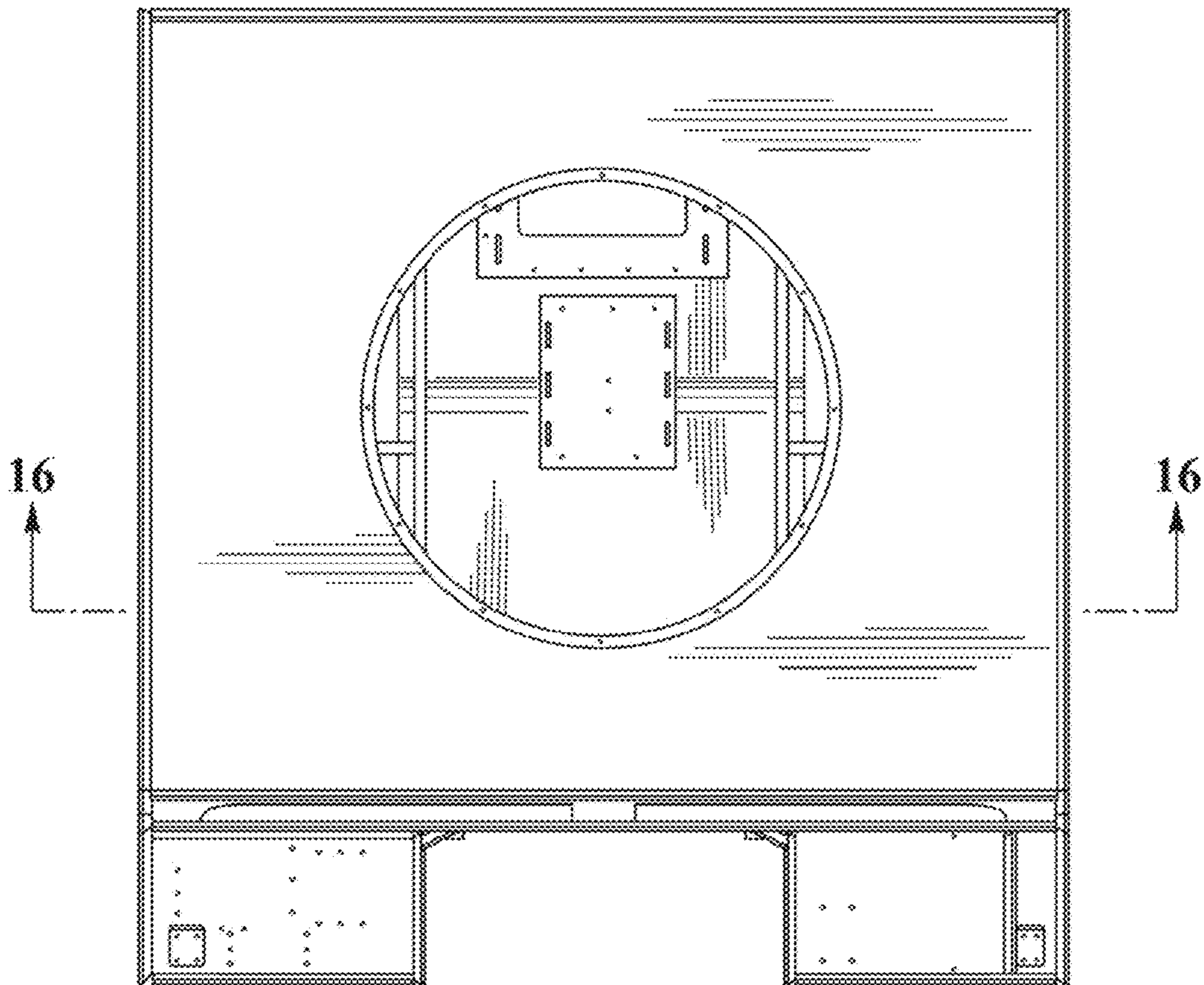


FIG. 9

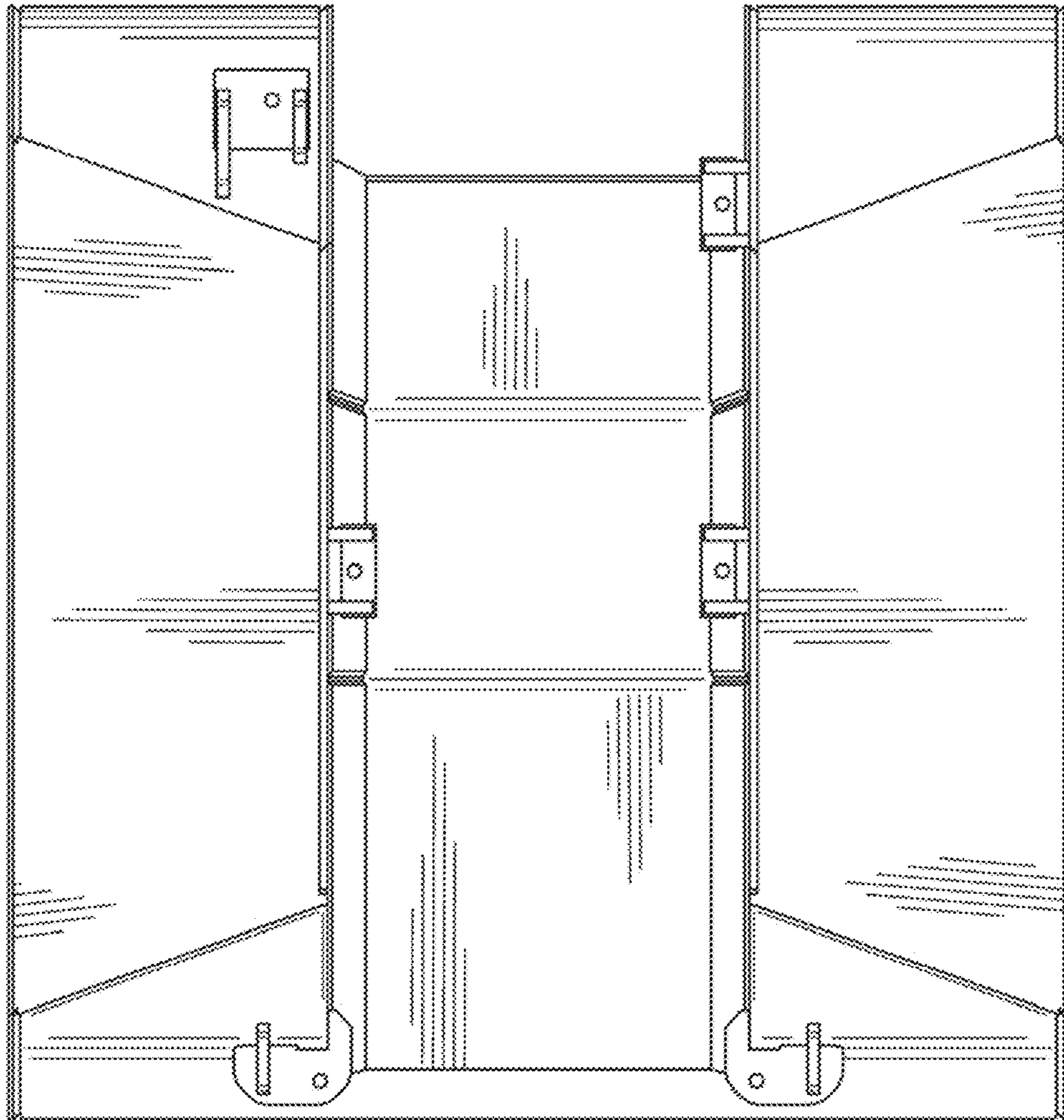


FIG. 10

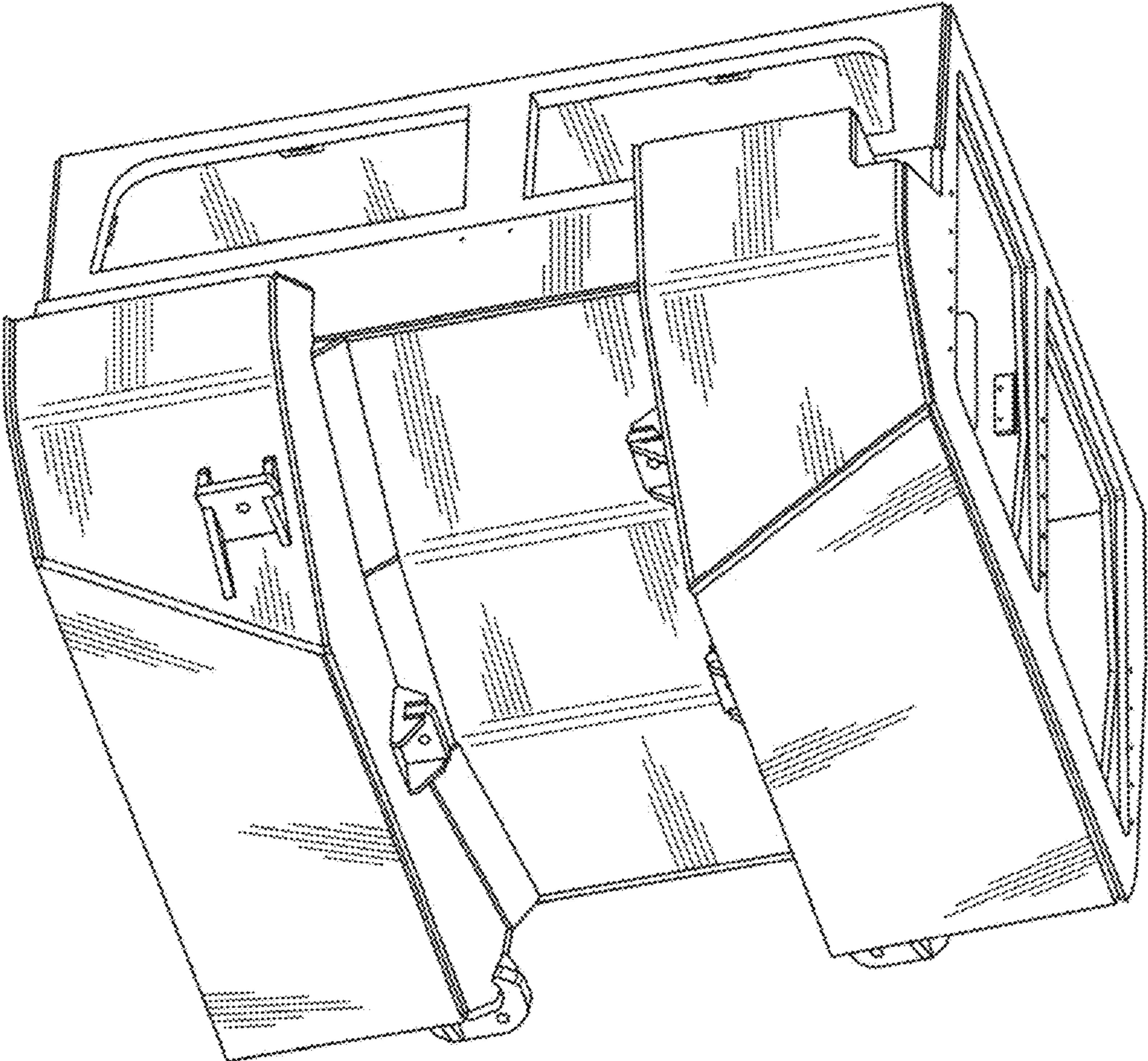


FIG. 11

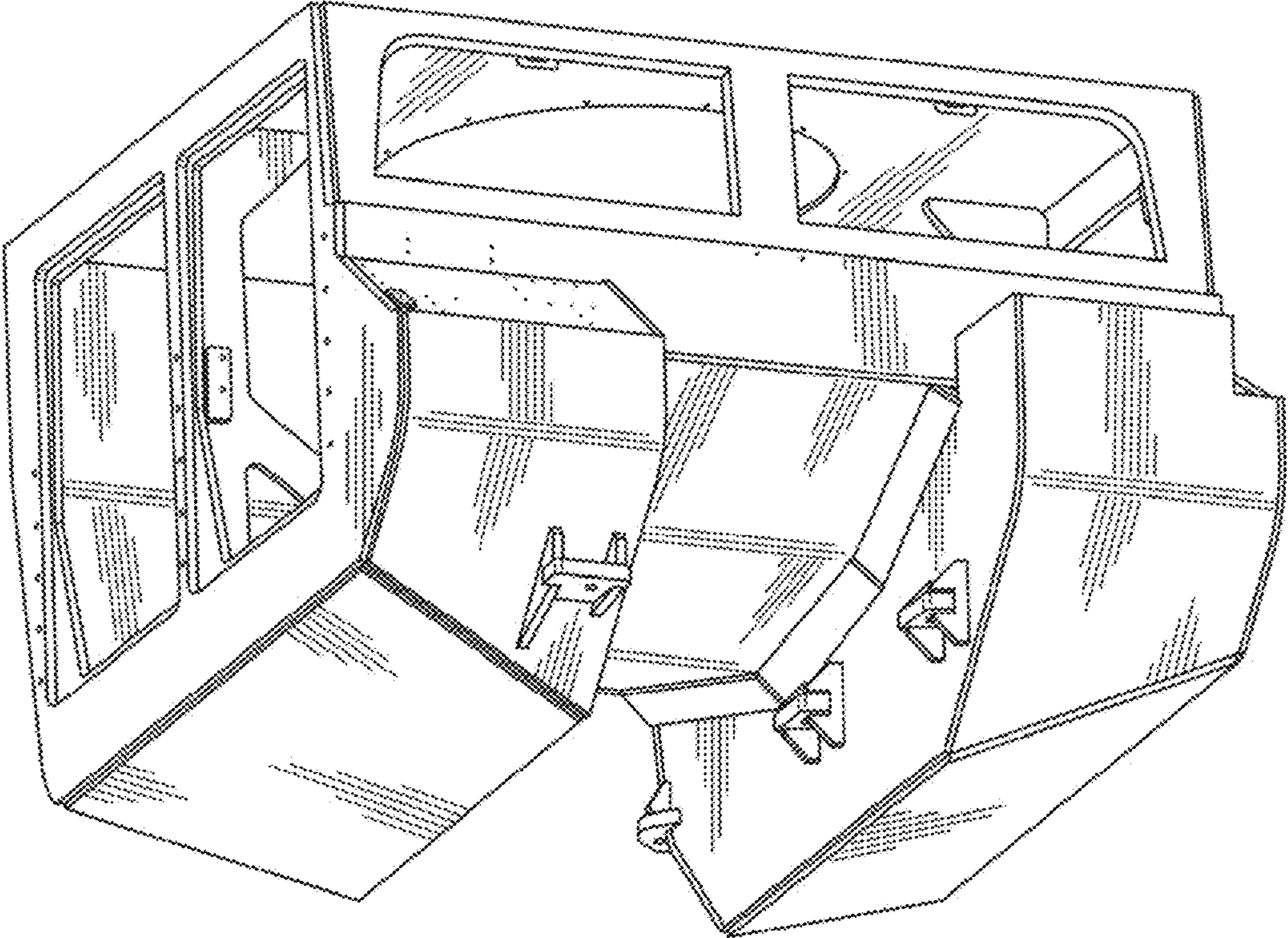


FIG. 12

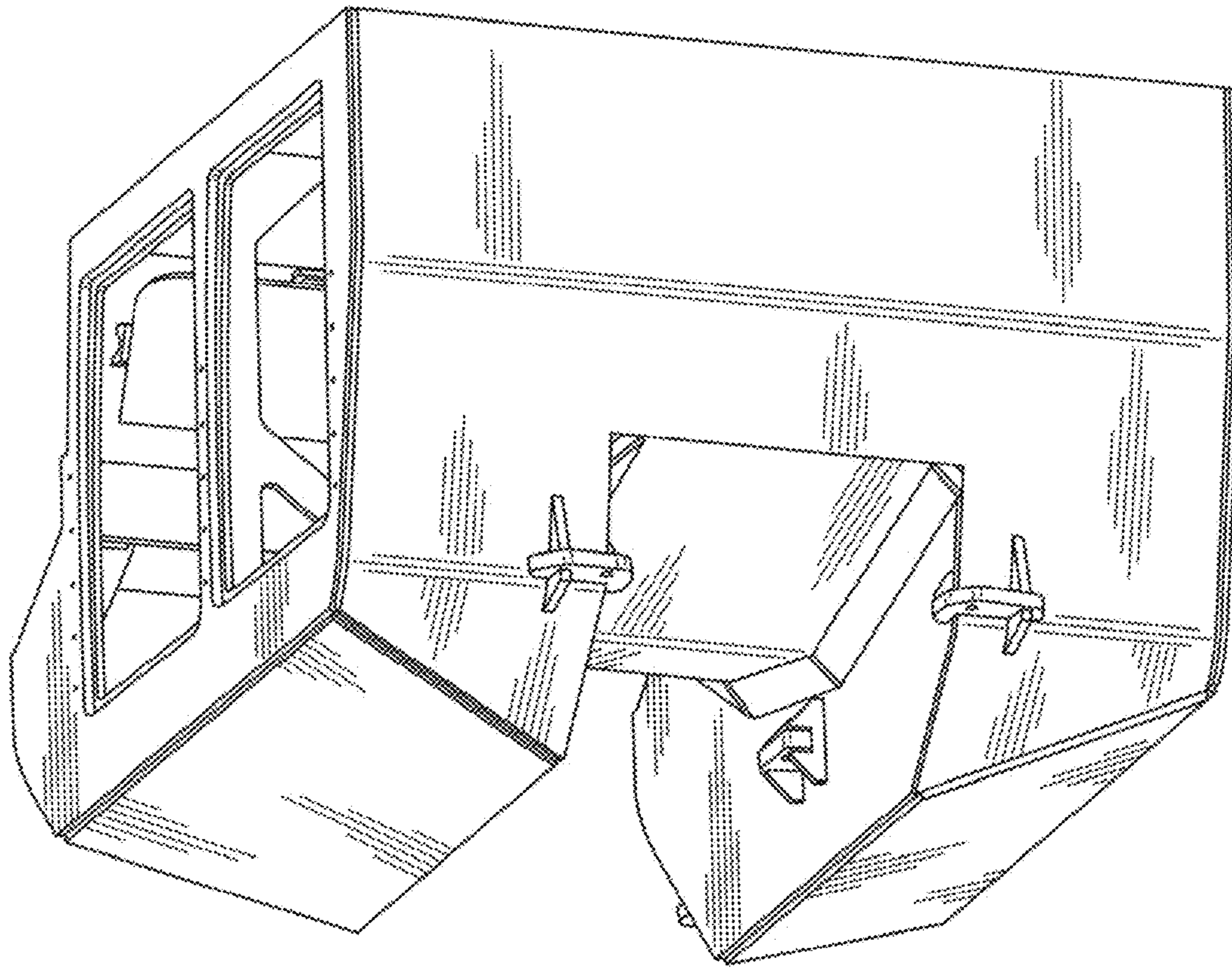


FIG. 13

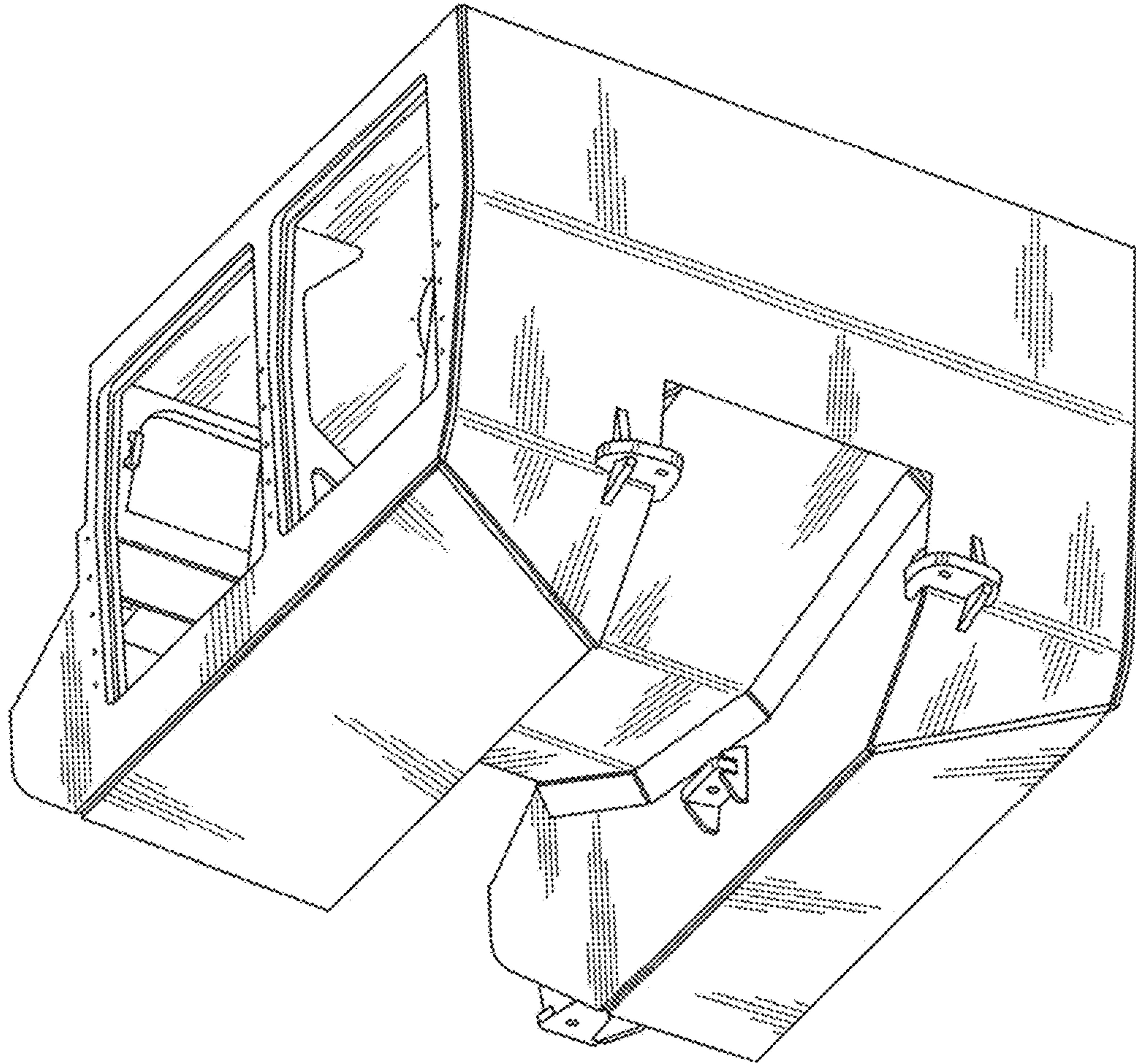


FIG. 14

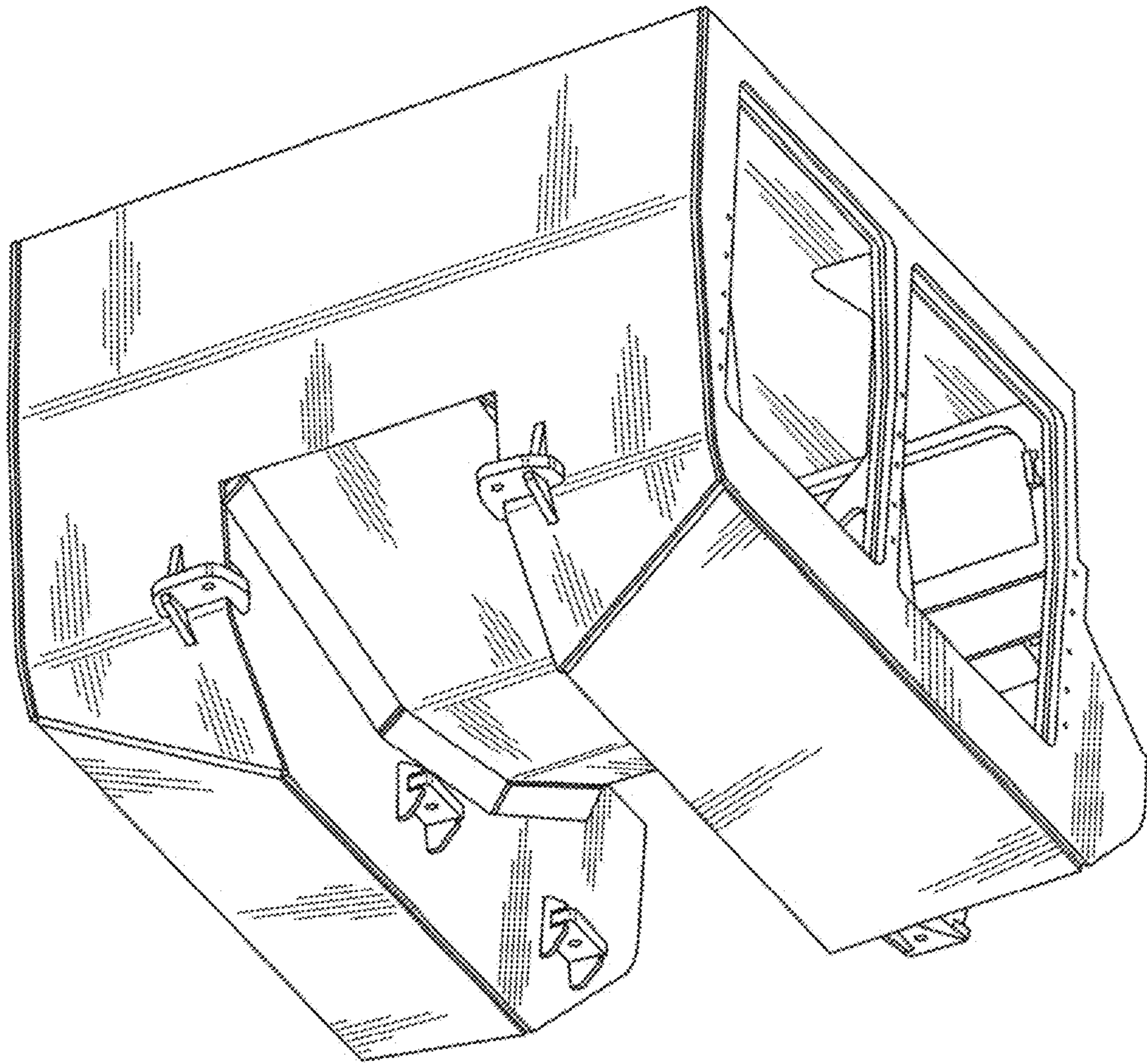


FIG. 15

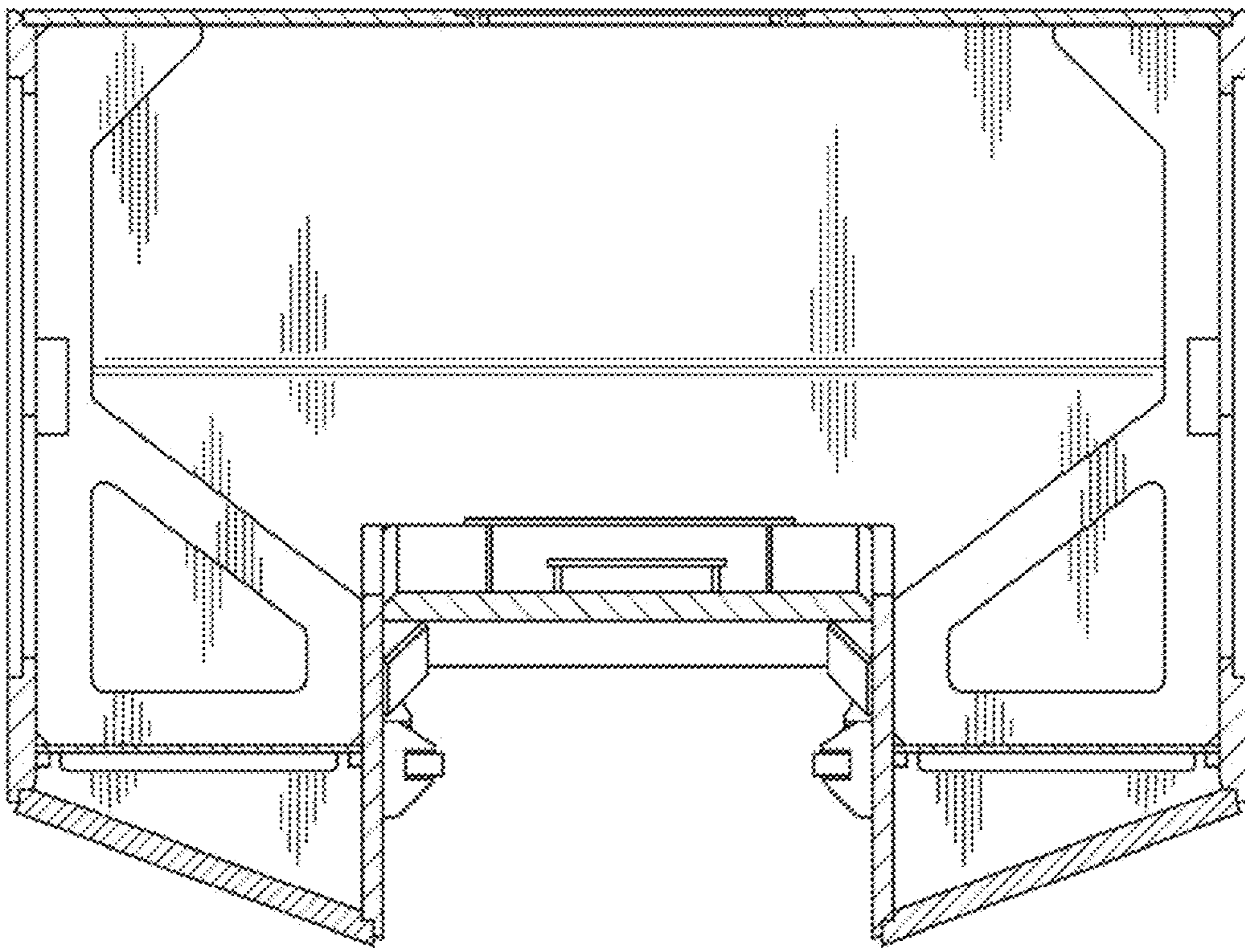


FIG. 16