



US00D746768S

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

(10) **Patent No.:** **US D746,768 S**  
(45) **Date of Patent:** **\*\* Jan. 5, 2016**

(54) **SOLAR PANEL RACK**

(71) Applicants: **Mika Brian Laitila**, Peterborough (CA);  
**Antero Samuel Laitila**, Peterborough  
(CA); **Toni Peter Laitila**, Peterborough  
(CA)

(72) Inventors: **Mika Brian Laitila**, Peterborough (CA);  
**Antero Samuel Laitila**, Peterborough  
(CA); **Toni Peter Laitila**, Peterborough  
(CA)

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

(21) Appl. No.: **29/454,926**

(22) Filed: **May 15, 2013**

(51) **LOC (10) Cl.** ..... **13-02**

(52) **U.S. Cl.**

USPC ..... **D13/102**

(58) **Field of Classification Search**

USPC ..... D13/101, 102, 107, 184, 199; D25/57,  
D25/61, 199; 57/74, 77, 78; 126/569, 571,  
126/577, 600, 603, 605, 606, 608, 704;  
136/243, 251; 320/101

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,025,786 A 5/1977 Hamilton  
4,088,120 A \* 5/1978 Anderson ..... 126/573  
4,226,256 A 10/1980 Hawley  
4,280,853 A \* 7/1981 Palazzetti et al. .... 136/246  
4,378,006 A 3/1983 Hawley  
4,421,943 A 12/1983 Withjack  
D279,214 S \* 6/1985 Hanson ..... D13/102

(Continued)

**FOREIGN PATENT DOCUMENTS**

DE 102006028494 A1 1/2008  
DE 102010029006 A1 11/2011

(Continued)

**OTHER PUBLICATIONS**

International Searching Authority (ISA/CA), International Search Report and Written Opinion, mailed Dec. 5, 2013, for related International Patent Application No. PCT/CA2013/000706.

(Continued)

*Primary Examiner* — Derrick Holland

*Assistant Examiner* — Jennifer O King

(74) *Attorney, Agent, or Firm* — Gowling Lafleur Henderson LLP

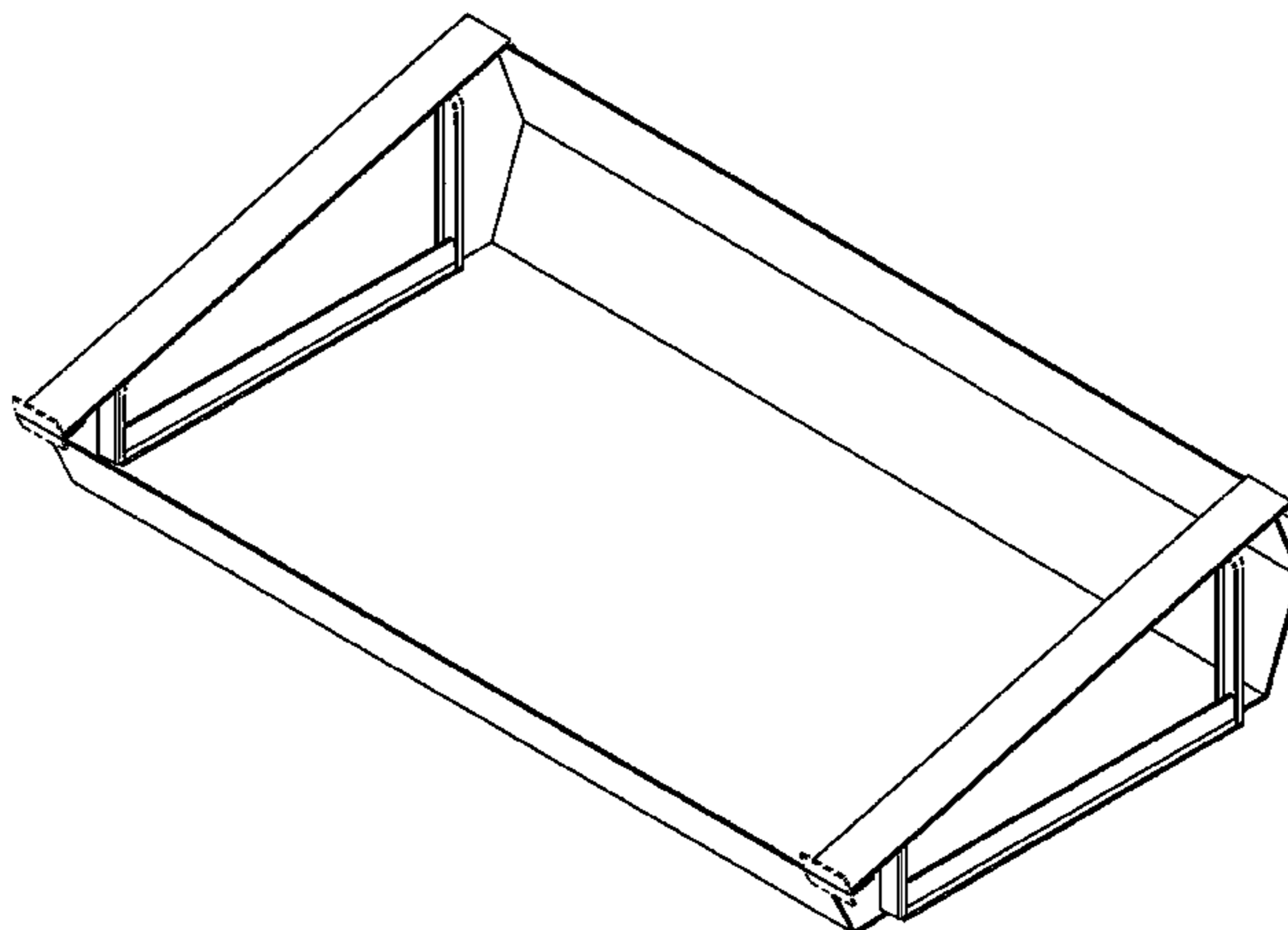
(57) **CLAIM**

The ornamental design for a solar panel rack, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a solar panel rack; FIG. 2 is a rear perspective view thereof; FIG. 3 is a side view thereof; FIG. 4 is another side view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a front view thereof; FIG. 8 is a rear view of the thereof; FIG. 9 is a front perspective view of a second embodiment thereof; FIG. 10 is a rear perspective view of a second embodiment thereof; FIG. 11 is a side view of a second embodiment thereof; FIG. 12 is another side view of a second embodiment thereof; FIG. 13 is a top view of a second embodiment thereof; FIG. 14 is a bottom view of a second embodiment thereof; FIG. 15 is a front view of a second embodiment thereof; and, FIG. 16 is a rear view of a second embodiment thereof. The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

**1 Claim, 16 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

4,888,921 A \* 12/1989 Markham ..... 52/63  
 4,999,059 A \* 3/1991 Bagno ..... 136/248  
 5,228,924 A 7/1993 Barker et al.  
 5,333,602 A \* 8/1994 Huang ..... 126/608  
 5,986,203 A 11/1999 Hanoka et al.  
 6,000,663 A 12/1999 Plasse et al.  
 6,809,251 B2 10/2004 Dinwoodie  
 D510,315 S \* 10/2005 Shugar et al. .... D13/102  
 RE38,988 E 2/2006 Dinwoodie  
 D519,444 S \* 4/2006 Mascolo ..... D13/102  
 D596,315 S \* 7/2009 Bateman et al. .... D25/61  
 D596,316 S \* 7/2009 Bateman et al. .... D25/61  
 D649,930 S \* 12/2011 Lindor ..... D13/102  
 D652,789 S \* 1/2012 Kawai et al. .... D13/102  
 8,122,682 B2 2/2012 Mischo  
 D658,120 S \* 4/2012 Kawai et al. .... D13/102  
 D662,042 S \* 6/2012 Yeh ..... D13/102  
 D663,683 S \* 7/2012 Fischer ..... D13/102  
 8,276,330 B2 10/2012 Harberts et al.  
 8,316,619 B1 11/2012 Rego et al.  
 D671,885 S \* 12/2012 Steinau ..... D13/102  
 8,567,132 B2 10/2013 Rothschild et al.  
 D697,864 S \* 1/2014 McGrath ..... D13/102  
 8,621,813 B2 1/2014 Dube  
 D699,666 S \* 2/2014 Moyal ..... D13/102  
 2009/0211182 A1 8/2009 Proisy

2009/0211625 A1 8/2009 Schwarze  
 2010/0225266 A1 9/2010 Hartman  
 2010/0236610 A1 9/2010 Stancel et al.  
 2011/0067749 A1 3/2011 Zuritis  
 2011/0162689 A1 7/2011 Ueda et al.  
 2011/0252724 A1 10/2011 Heisler  
 2011/0277400 A1 11/2011 Kosslinger et al.  
 2011/0303212 A1\* 12/2011 Schwarze ..... 126/569  
 2012/0137602 A1 6/2012 Sager et al.  
 2012/0312356 A1 12/2012 Mizuo et al.  
 2012/0312357 A1 12/2012 Sagayama  
 2013/0112245 A1 5/2013 Krasnov  
 2013/0112248 A1 5/2013 McPheeters

FOREIGN PATENT DOCUMENTS

DE 102006028494 B4 12/2011  
 EP 2634507 A1 9/2013  
 FR 2890725 A1 3/2007  
 WO 02073703 A1 9/2002  
 WO 2007079382 A2 7/2007

OTHER PUBLICATIONS

International Searching Authority (ISA/CA), International Search Report and Written Opinion, mailed Sep. 6, 2013, for related International Patent Application No. PCT/CA2013/000462.

\* cited by examiner

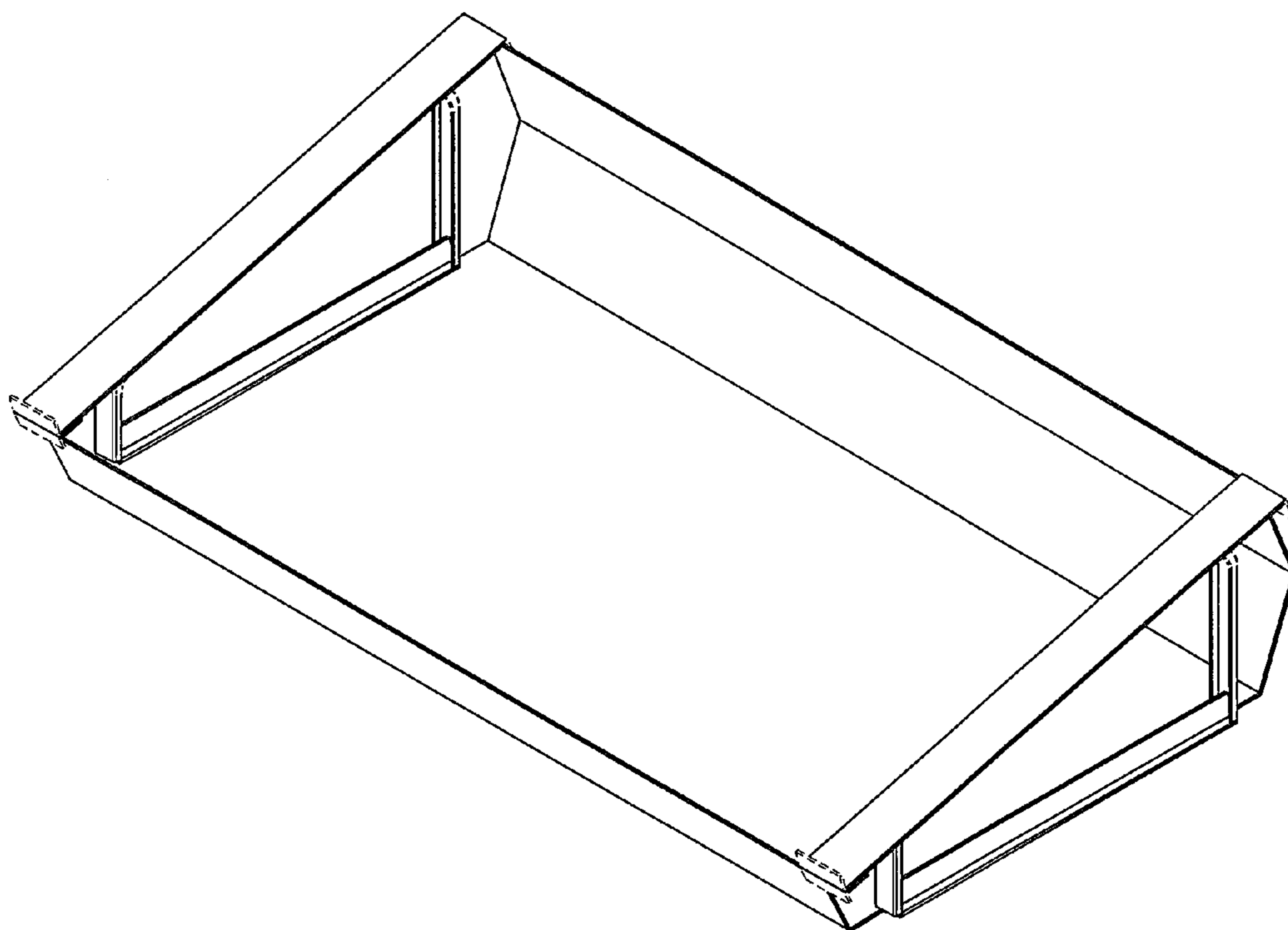
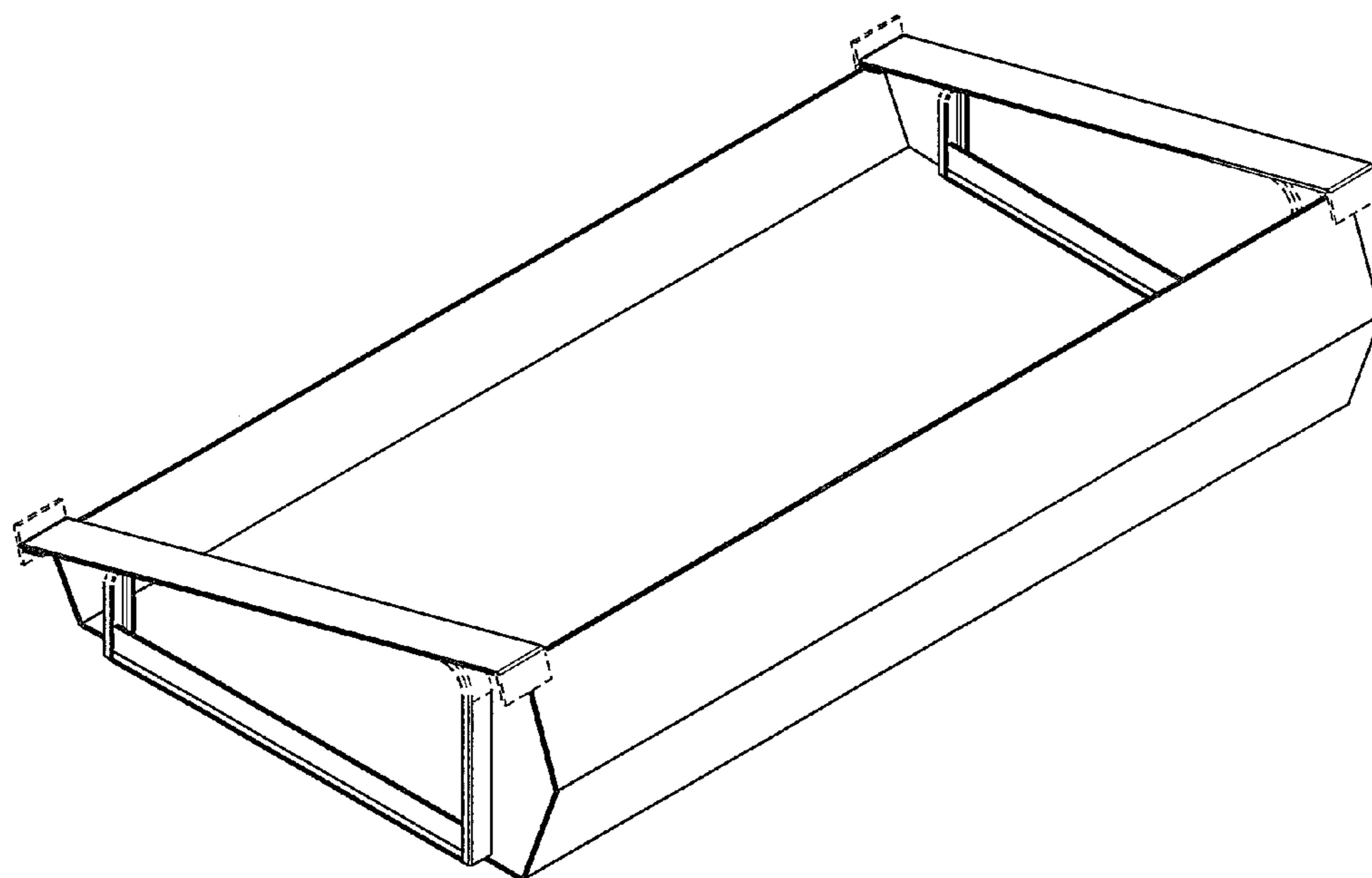


FIG. 1



**FIG. 2**

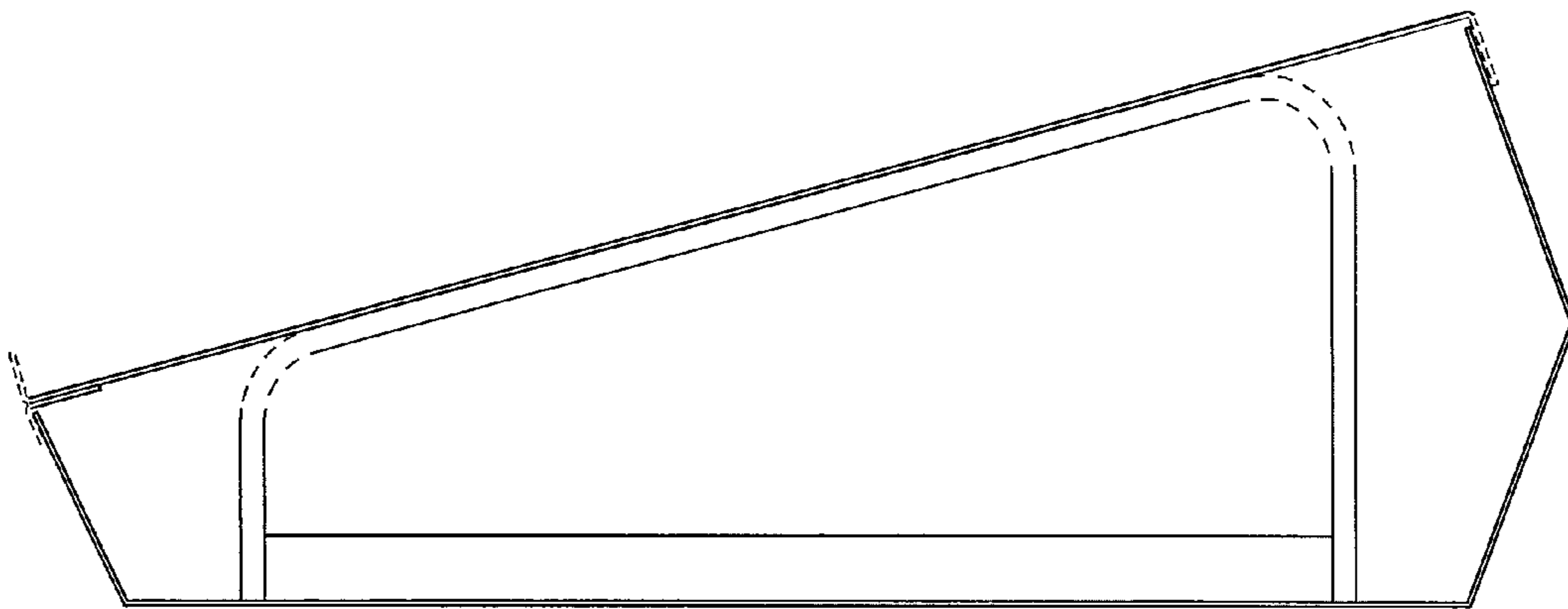


FIG. 3

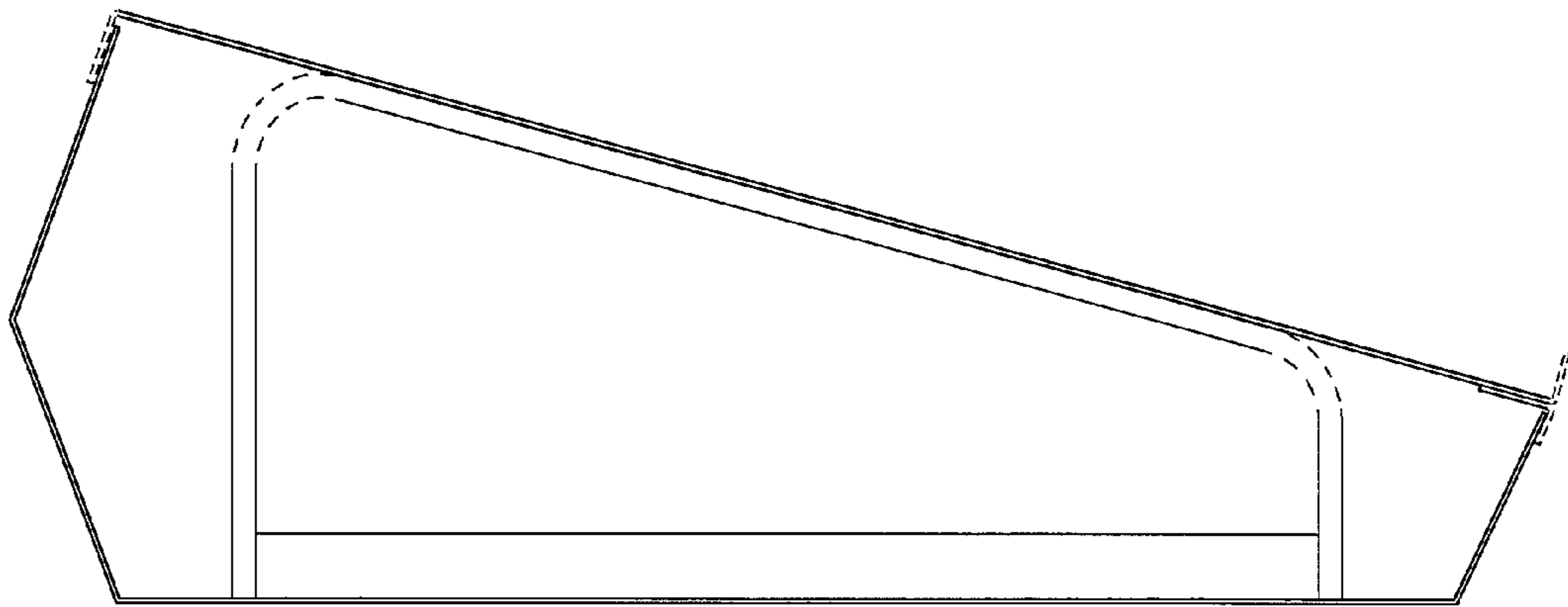


FIG. 4

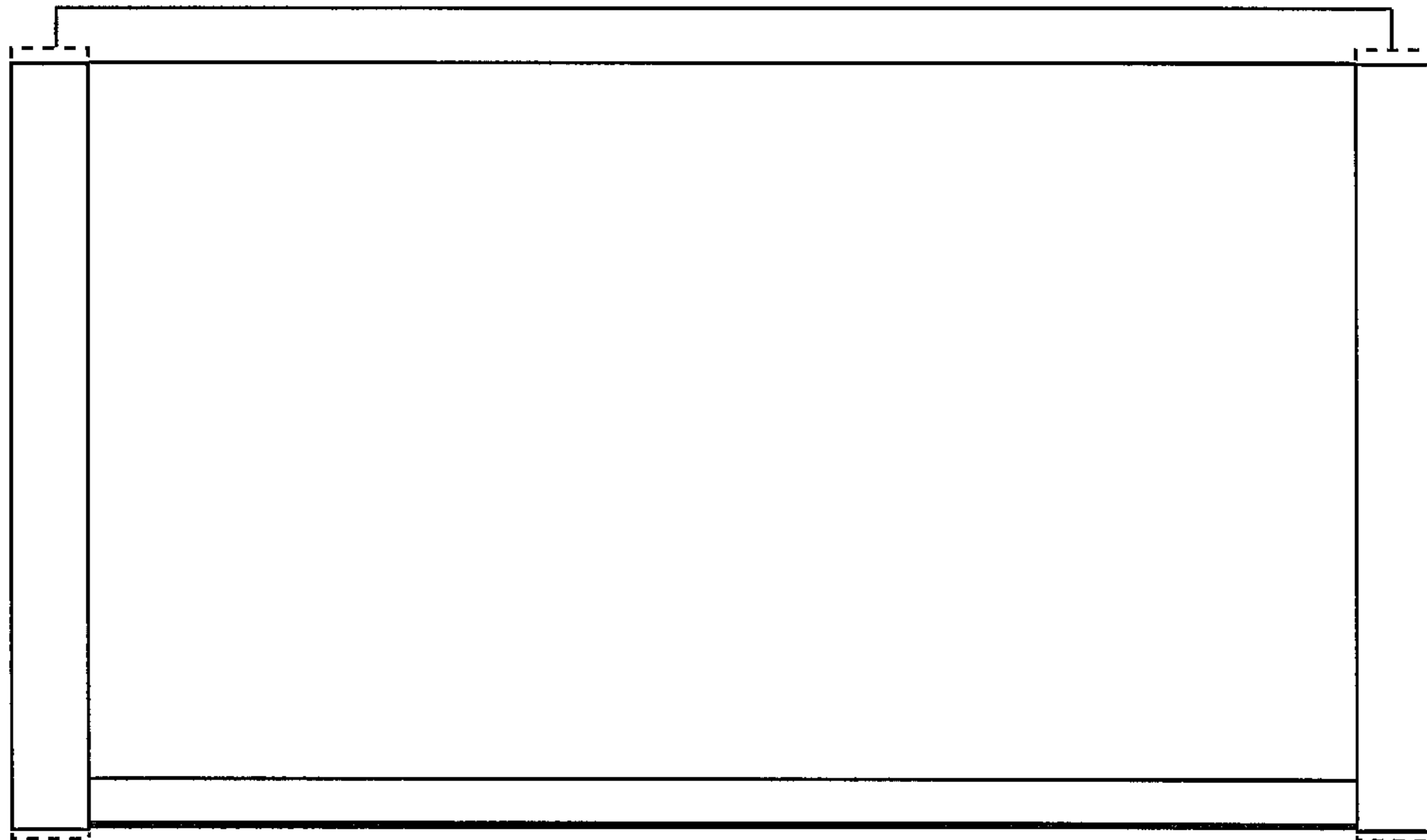


FIG. 5

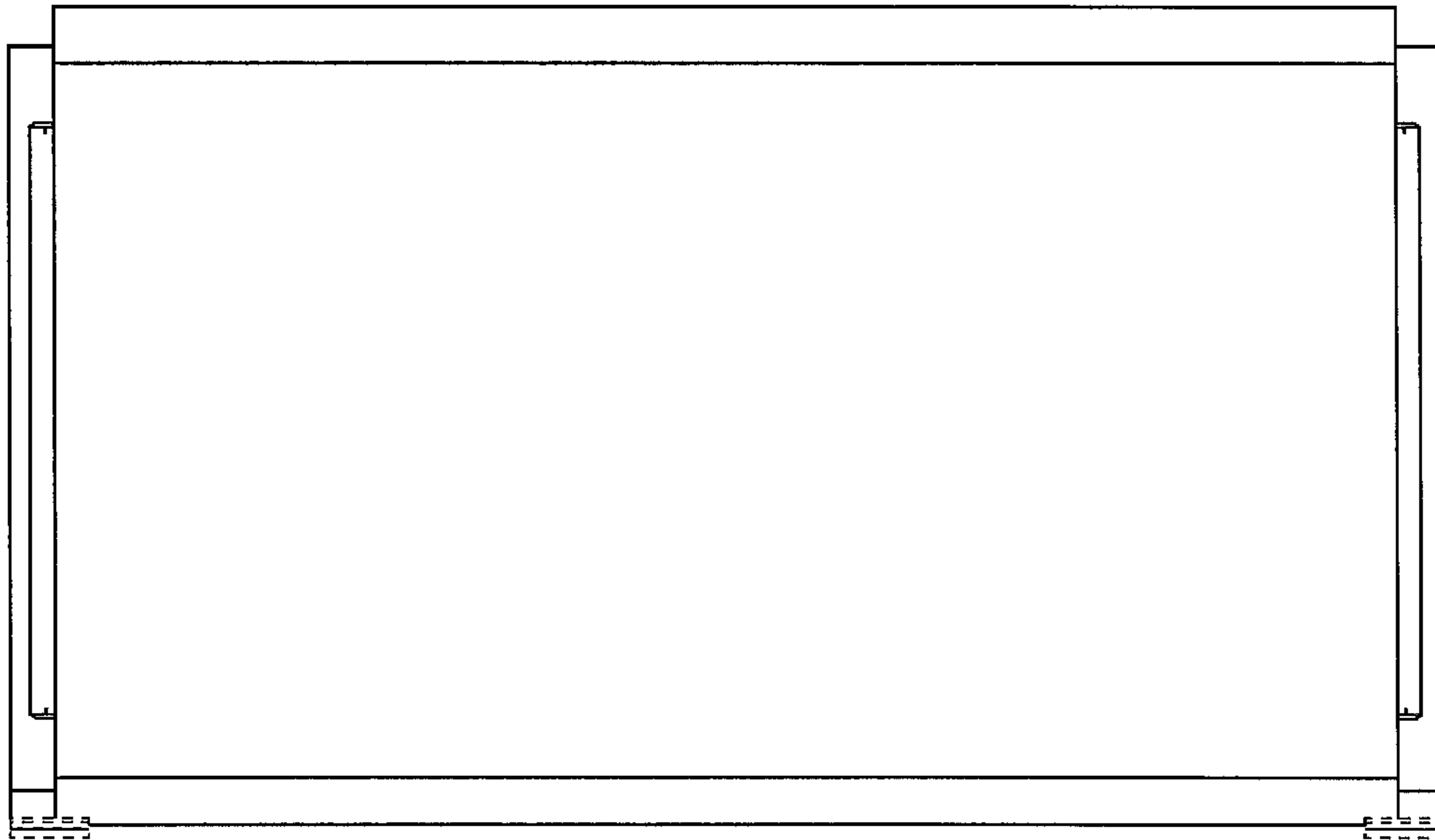


FIG. 6



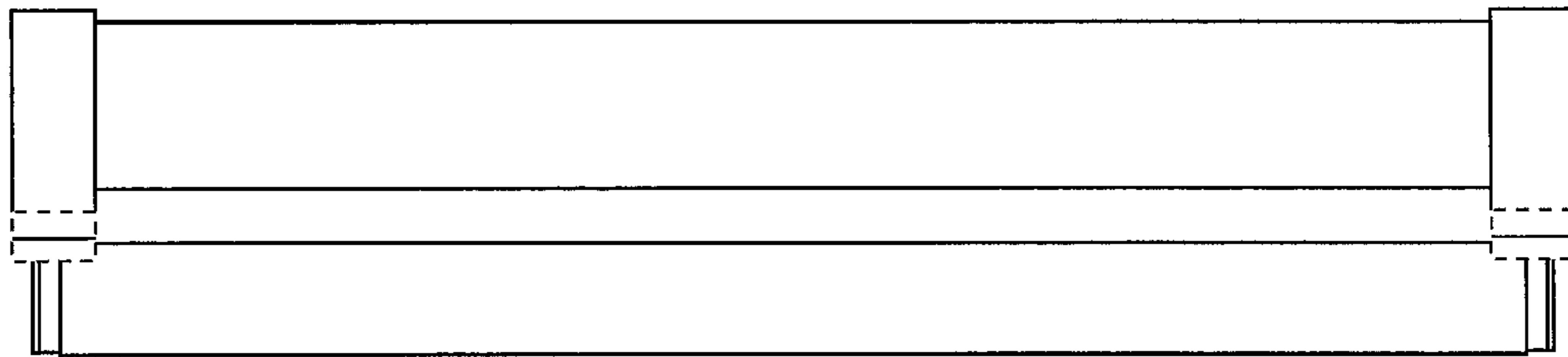


FIG. 7

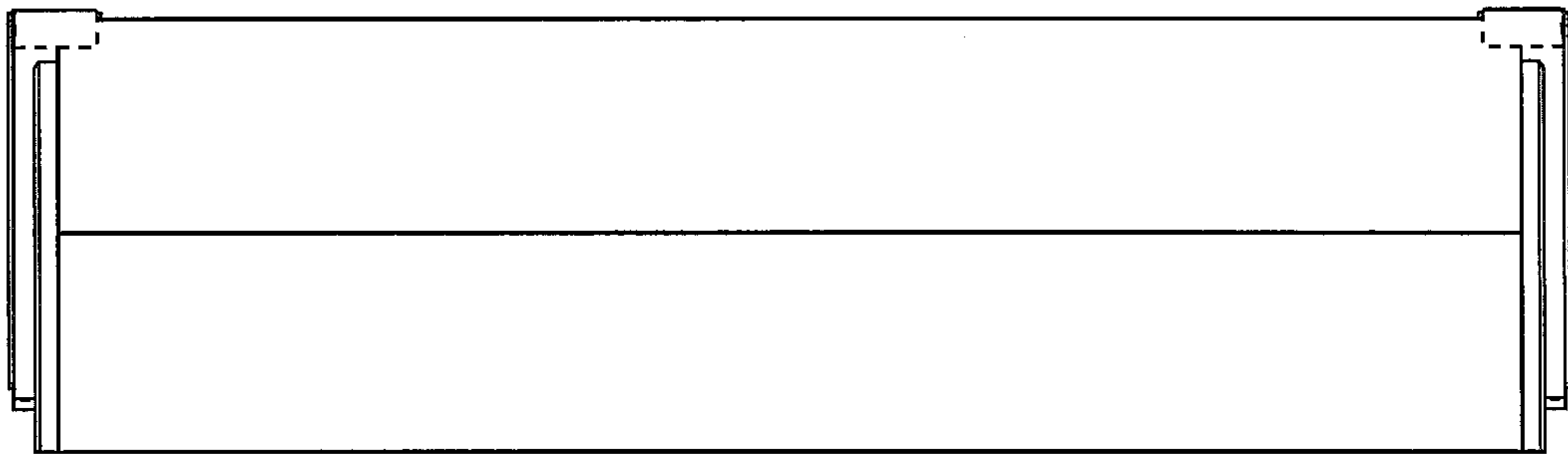


FIG. 8

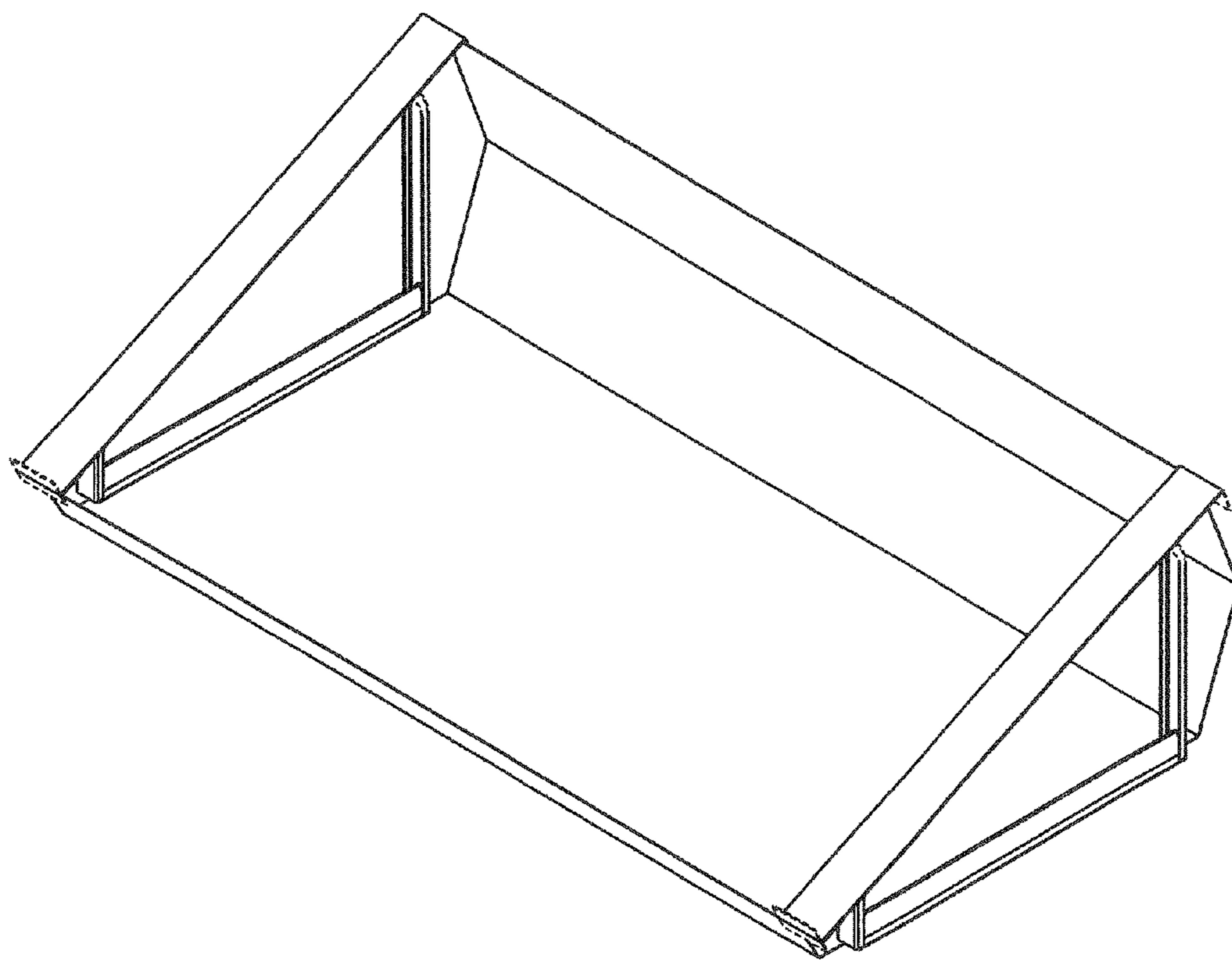


FIG. 9

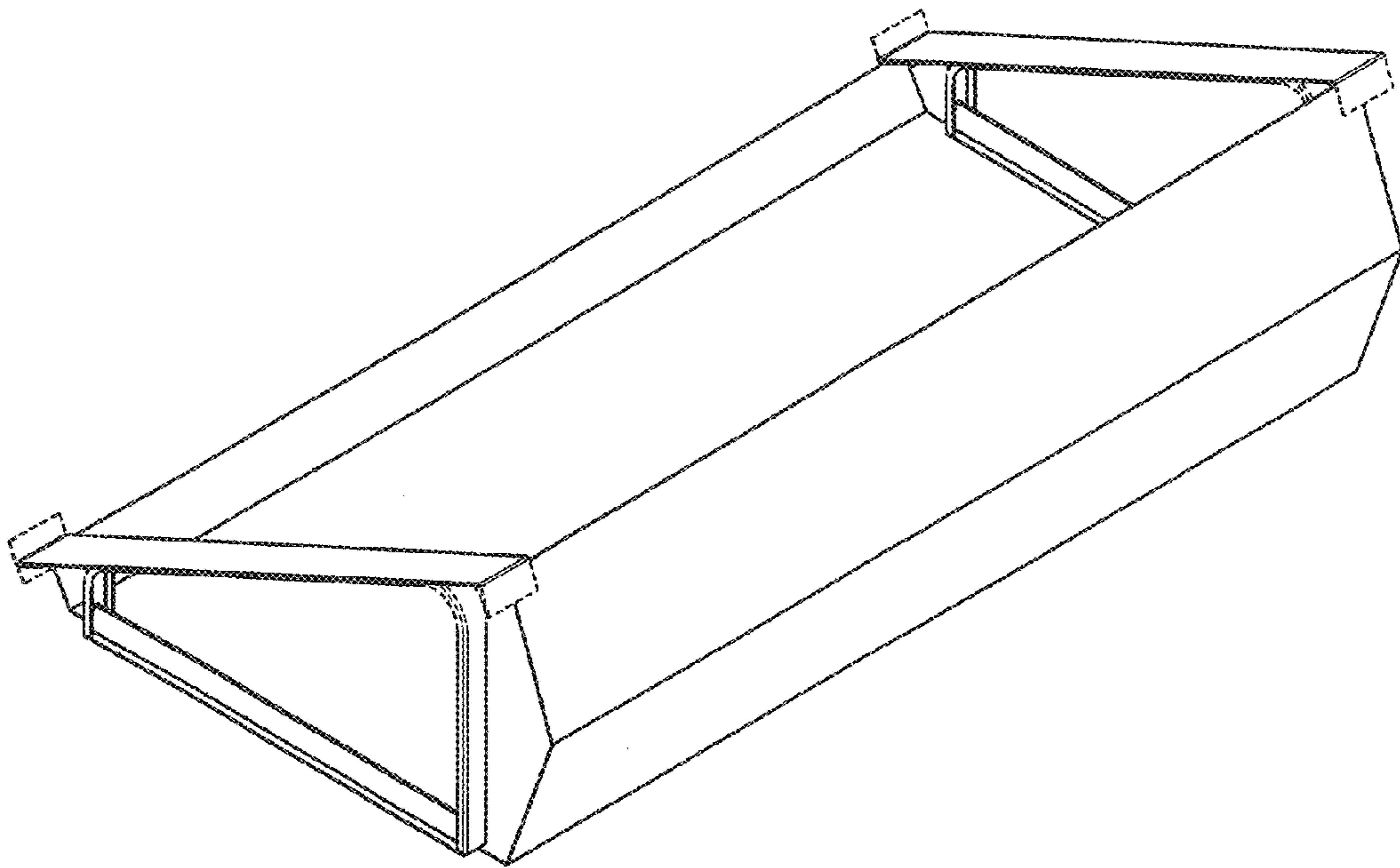


FIG. 10

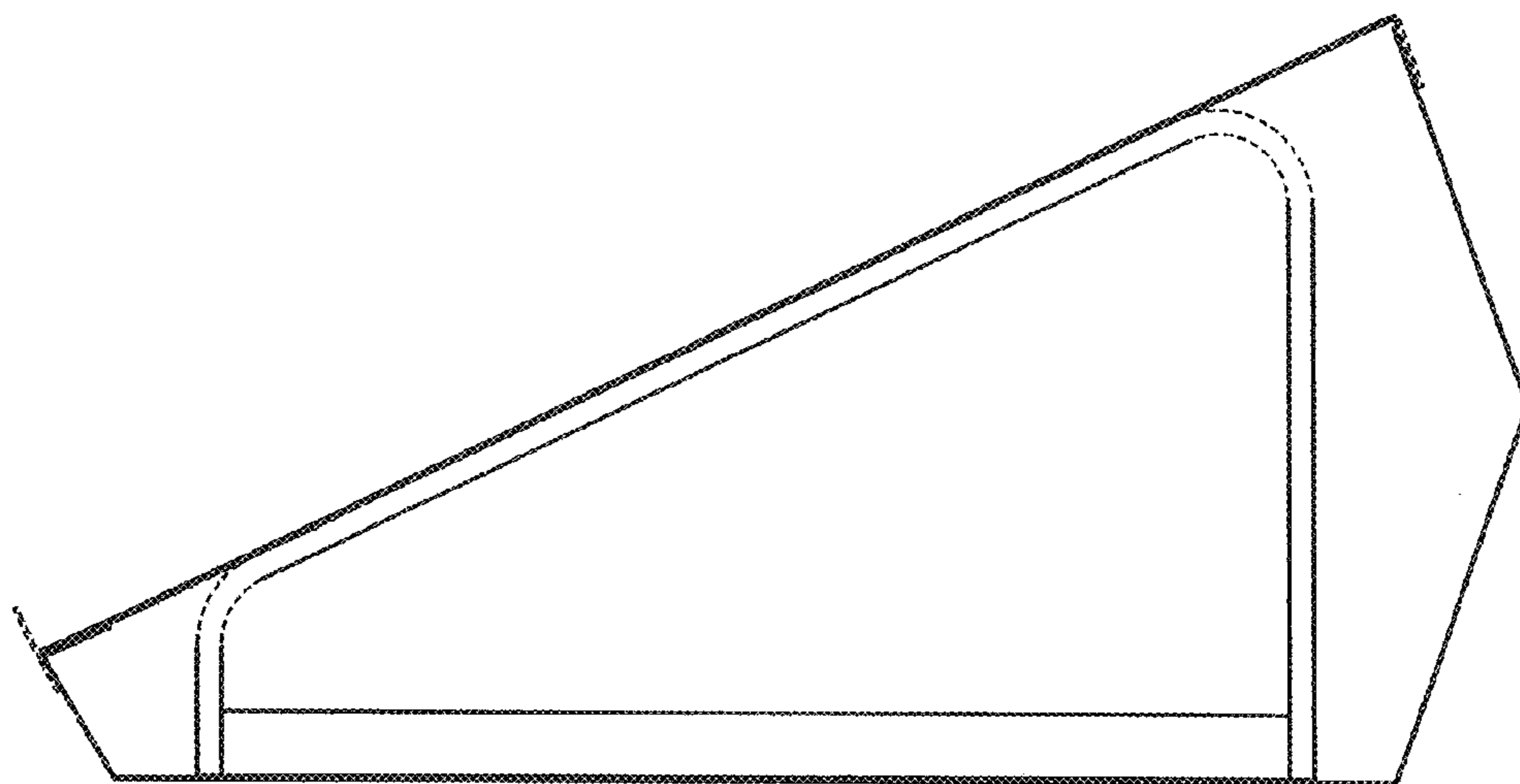


FIG. 11

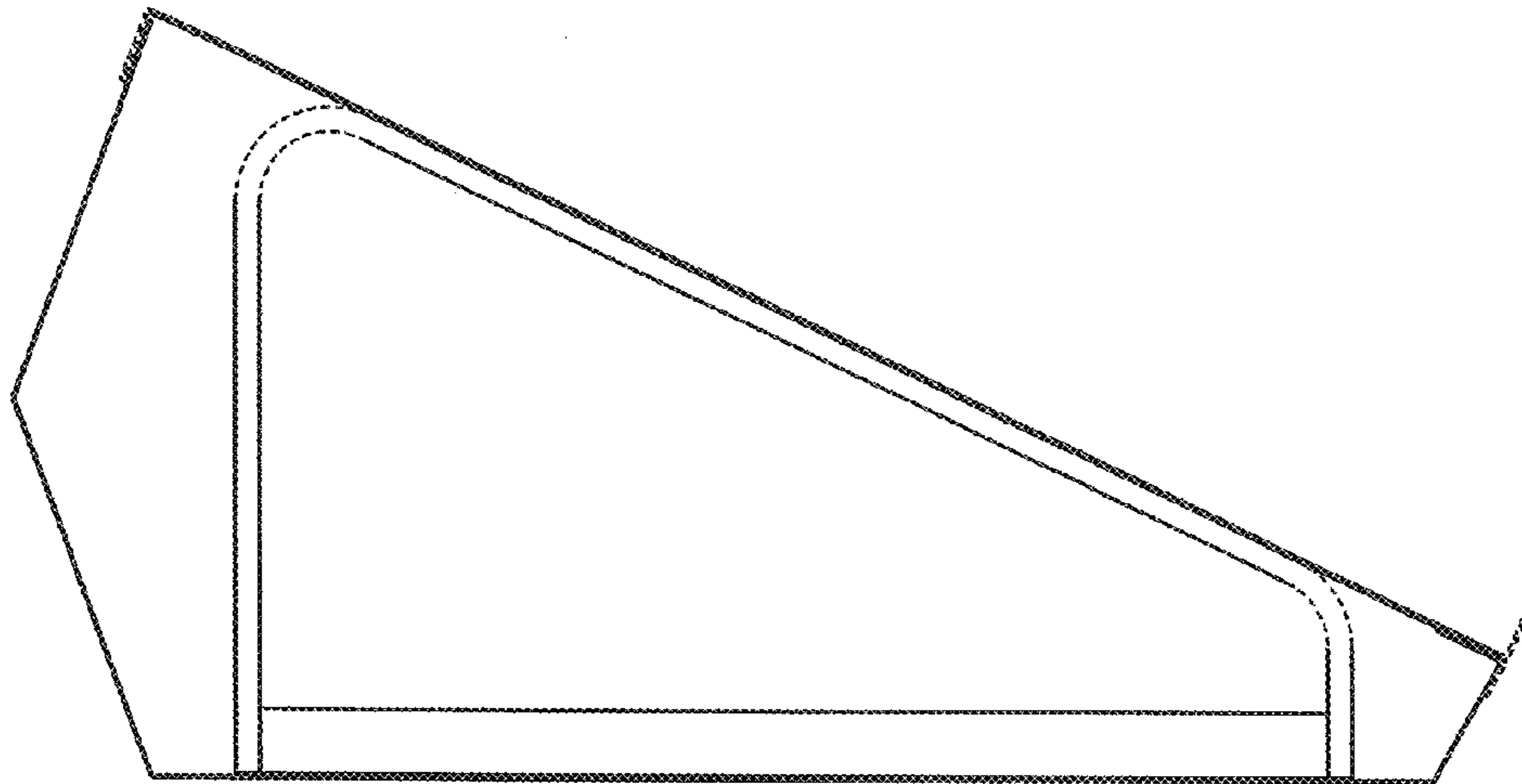


FIG. 12

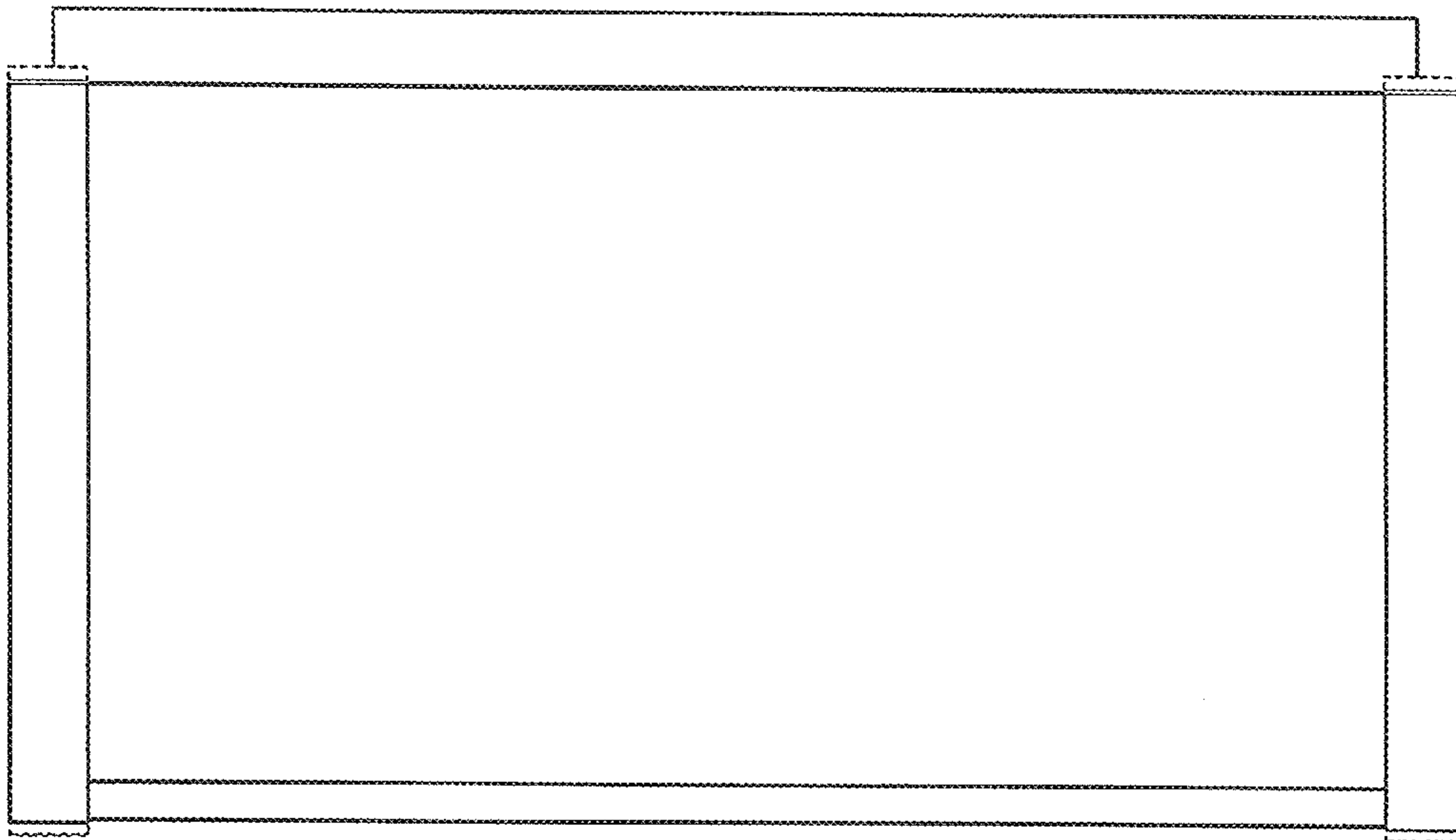


FIG. 13

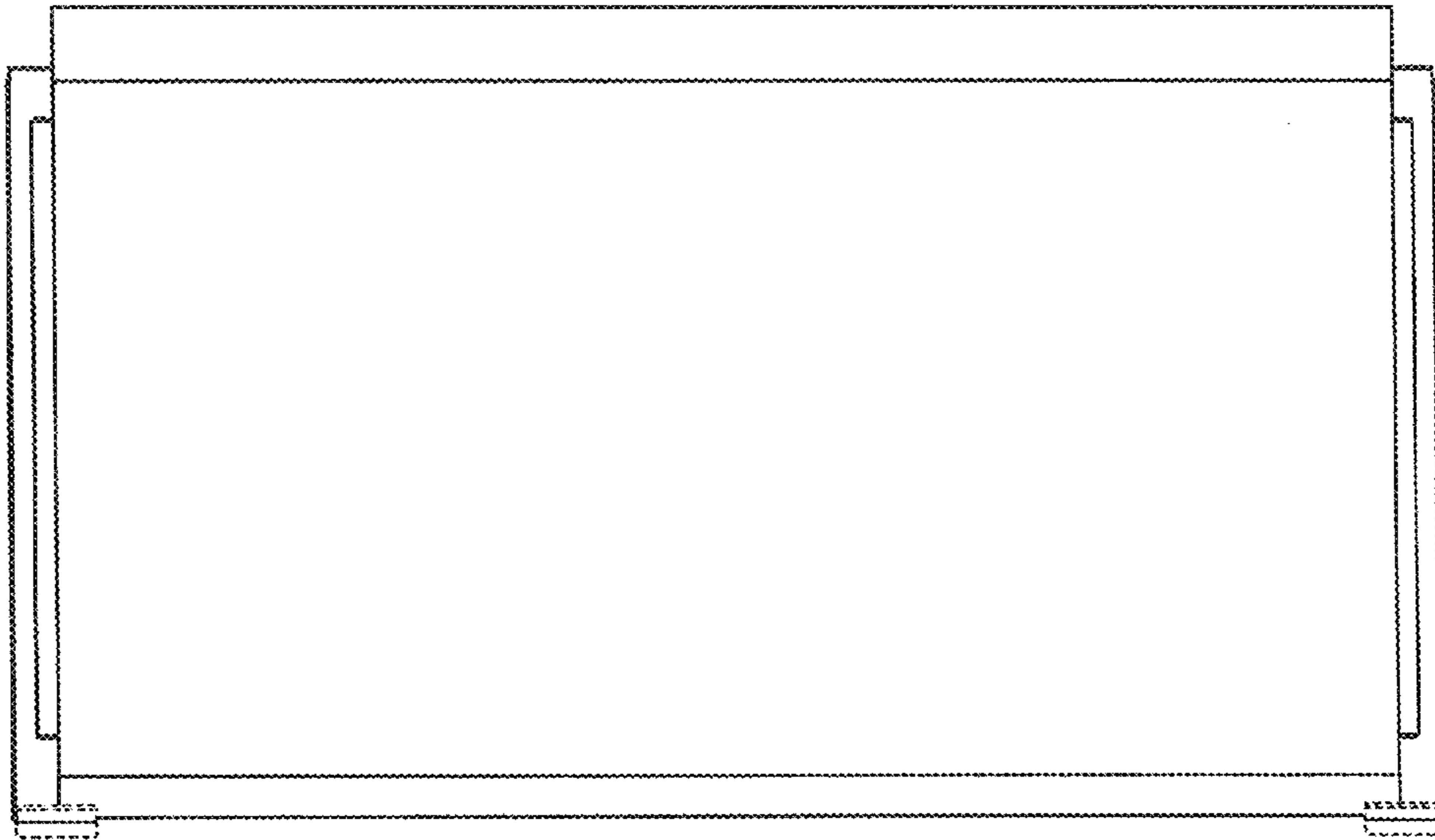


FIG. 14



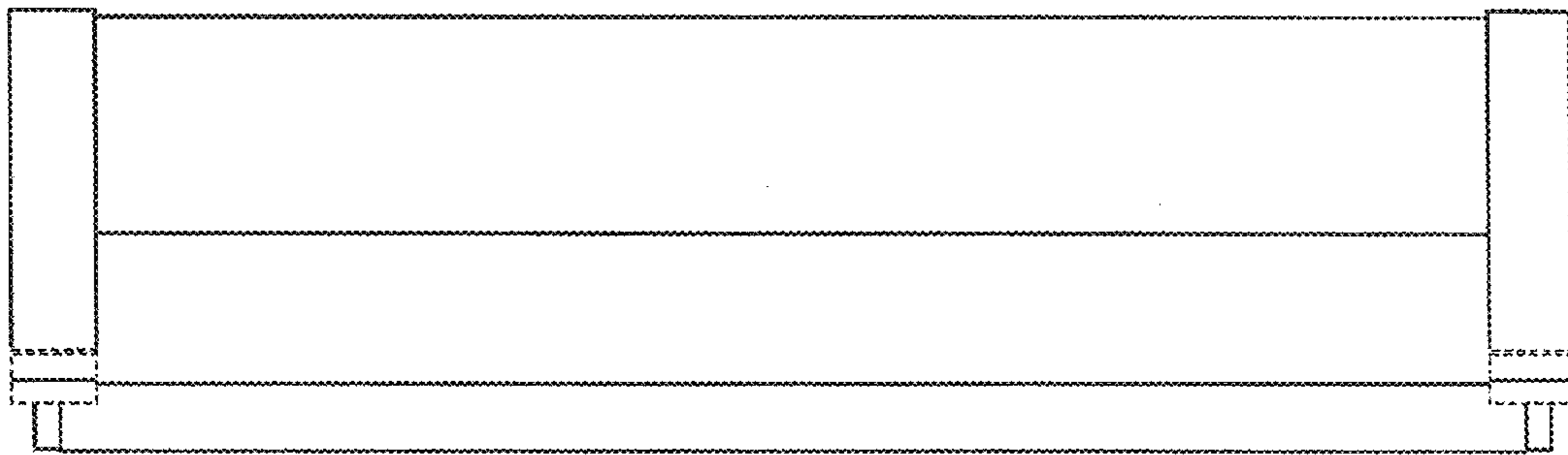


FIG. 15

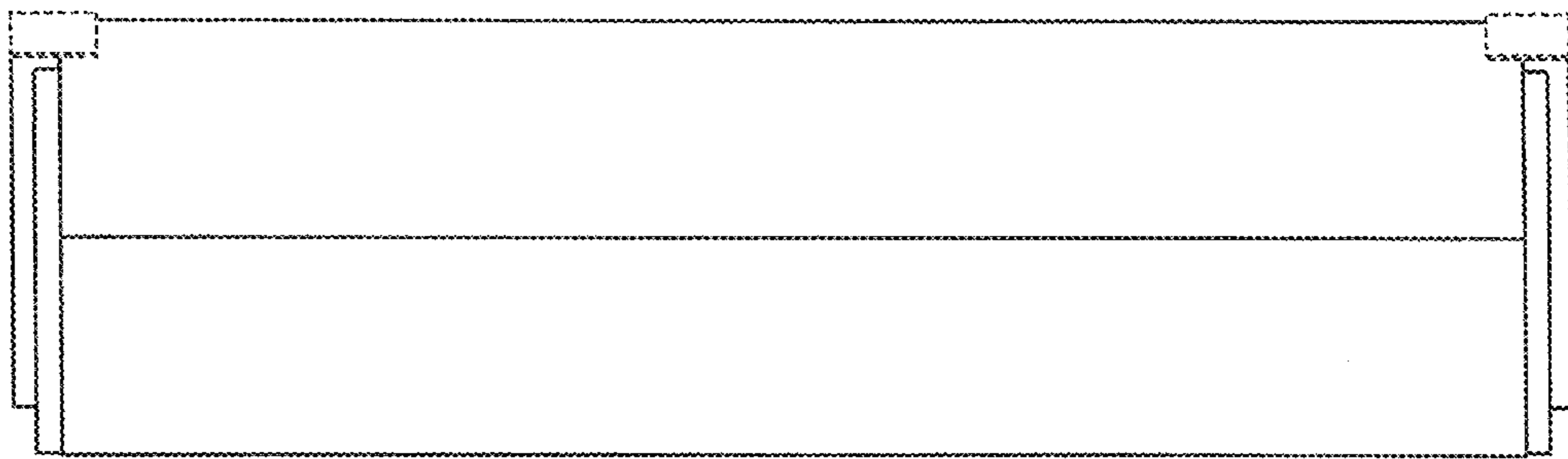


FIG. 16