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

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(54) **EXTERIOR WALL PANEL ATTACHMENT SYSTEM**

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

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(51) **LOC (9) Cl.** **08-05**

(52) **U.S. Cl.** **D8/373**

(58) **Field of Classification Search** D8/349,
D8/354, 373; 52/220.8, 223.13; 248/300

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,439,960	A	4/1984	Jenkins	
4,999,960	A	3/1991	Herwegh et al.	
5,067,293	A	11/1991	Reynolds	
D326,403	S *	5/1992	Kleiss	D8/349
5,220,759	A	6/1993	Hossli	
5,226,274	A	7/1993	Sommerstein	
5,239,798	A	8/1993	Saito	
5,263,292	A	11/1993	Holland et al.	
5,301,484	A	4/1994	Jansson	
5,379,561	A	1/1995	Saito	
5,522,193	A	6/1996	Sommerstein	
6,065,259	A	5/2000	Clear	
6,427,408	B1	8/2002	Krieger	
6,484,465	B2	11/2002	Higgins	
6,748,709	B1	6/2004	Sherman et al.	
D619,880	S	7/2010	Macdonald et al.	
2005/0060950	A1	3/2005	Hauschildt et al.	
2007/0119105	A1	5/2007	Macdonald et al.	
2010/0186343	A1	7/2010	Macdonald et al.	

OTHER PUBLICATIONS

Fischer Zykon-Panel Anchor FZP-N, downloaded from http://www.fischer.co.uk/PortalData/18/Resources/fixing_systems/act/FZP_anchors/Brochure_-_FZP-N.pdf on Mar. 29, 2011 (6 pages).
Stonepanels Inc., technical drawings, Feb. 3, 2009 (2 pages).
Almag Aluminum Inc., technical drawing, Feb. 23, 2010 (1 page).

Allface Smart Fixing Systems, Smart Fixing Systems brochure, downloaded from internet website on Mar. 29, 2011 (4 pages).
Ashtech™ Rainscreen Cladding Systems Brochure, Apr. 2005 (retrieved on Aug. 10, 2009) www.ashlandlacy.com/ashtech/index.aspx (16 pages).
CGL Rainscreen System (retrieved on Aug. 10, 2009) www.cglsystems.co.uk/products/metal-facade-systems.htm (1 page).
Northclad rainscreen solutions manual (2009) (21 pages).
Peterson Aluminum Corporation technical drawings p. (2008-2009) (1 page).
Petersen Aluminum web page—Composite Wall Panels www.pac-clad.com/products/wall-soffitt-systems/composite-wall_panels (2 pages).
Keith Panel Systems, System Details, self-published technical brochure available at: http://www.keithpanel.com/files/KPSS-SystemA_4mm.pdf. (Copyright 2008) (19 pages).
Doralco: Architectural Metal Solutions, Product Details Downloads, Composite Wall Panels Details, 07 42 43 Rainscreen Details, self-published technical brochure available at http://www.doralco.com/imgs/07_42_43_Rainscreen_Composite_Panel_%20Details.pdf (Copyright 2009) (38 pages).
Sobotec Ltd: Architectural Wall Systems, Products, SL-2000 Dry Joint Filler System, self-published technical brochure available at: <http://www.sobotec.com/SL2000.htm> (Apr. 2004) (1 page).

* cited by examiner

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(57) **CLAIM**

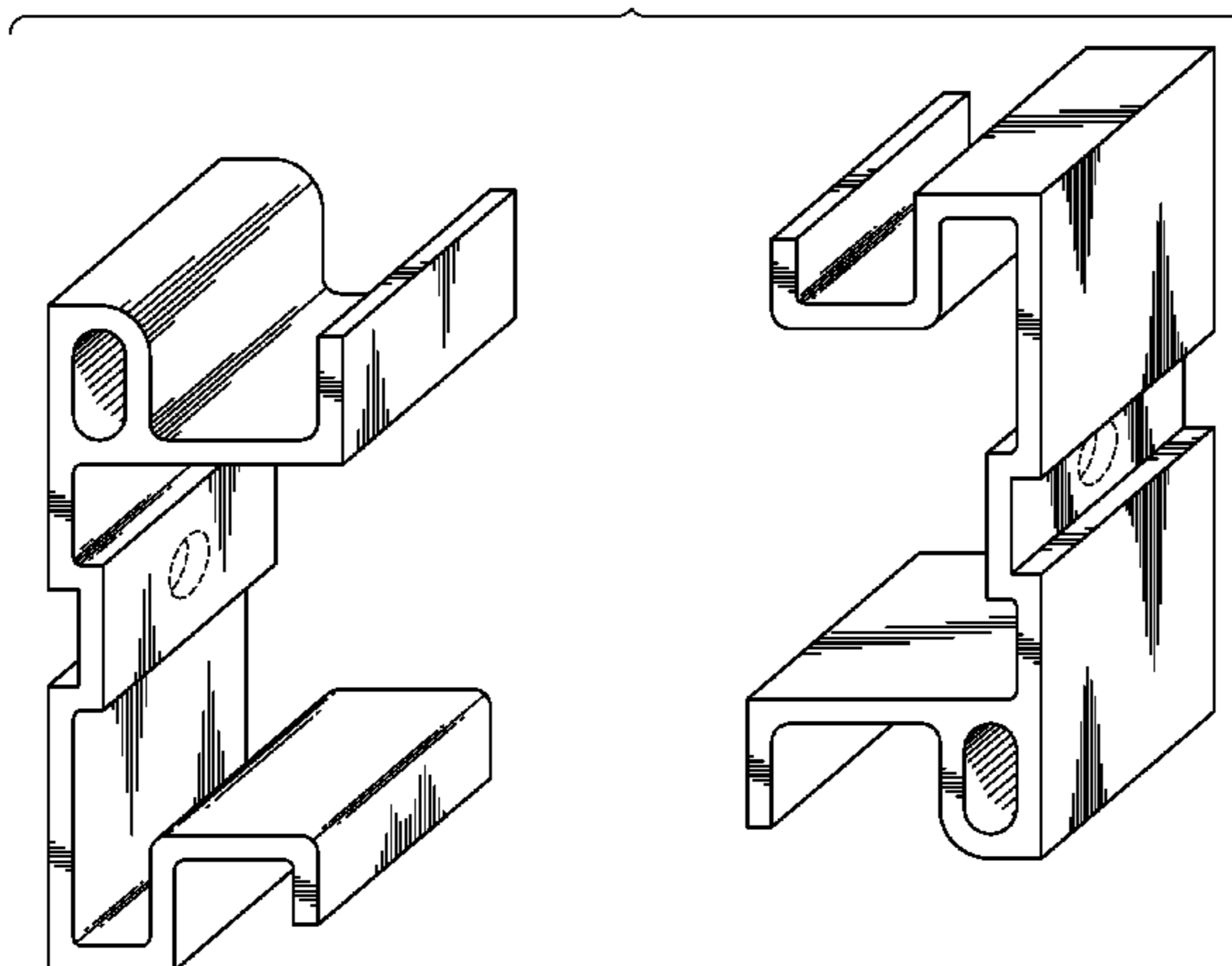
We claim the ornamental design for an exterior wall panel attachment system, as shown and described.

DESCRIPTION

FIG. 1 is a first perspective view of the exterior wall panel attachment system showing our new design. A panel perimeter strip is exploded away from a wall bracket for illustrative purposes.

FIG. 2 is a second perspective view of the exterior wall panel attachment system of FIG. 1. Here, the panel perimeter strip is mated with the wall bracket.

FIG. 3 is a perspective view of the wall bracket portion of FIG. 1. An attachment screw is shown in phantom, exploded away



from the wall bracket. The wall bracket, in turn, is shown exploded away from an exterior wall, also in phantom.

FIG. 4 is a perspective view of just the panel perimeter strip of FIG. 1. A Keil fastener is shown in phantom, exploded away from the panel perimeter strip. The panel perimeter strip, in turn, is shown exploded away from a panel, also in phantom.

FIG. 5 is a front view of the panel perimeter strip from the exterior wall panel attachment system of FIG. 1.

FIG. 6 is a front view of the wall bracket from the exterior wall panel attachment system of FIG. 1. The front view of the bracket of FIG. 6 is identical to the front view of the panel perimeter strip of FIG. 5, but is upside down relative to the panel perimeter strip.

FIG. 7 is a rear view of the panel perimeter strip from the exterior wall panel attachment system of FIG. 1.

FIG. 8 is a rear view of the wall bracket from the exterior wall panel attachment system of FIG. 1. The rear view of the bracket of FIG. 8 is identical to the rear view of the panel perimeter strip of FIG. 7, but is upside down relative to the panel perimeter strip.

FIG. 9 is a bottom view of the panel perimeter strip from the exterior wall panel attachment system of FIG. 1.

FIG. 10 is a top view of the wall bracket from the exterior wall panel attachment system of FIG. 1. The wall bracket of FIG. 10 is identical to the panel perimeter strip of FIG. 9.

FIG. 11 is a top or plan view of the panel perimeter strip from the exterior wall panel attachment system of FIG. 1.

FIG. 12 is a bottom view of the wall bracket from the exterior wall panel attachment system of FIG. 1. The wall bracket of FIG. 12 is identical to the panel perimeter strip of FIG. 11.

FIG. 13 is a right side view of the panel perimeter strip from the exterior wall panel attachment system of FIG. 1. The left side elevational view of the panel perimeter strip is a mirror image of the right side.

FIG. 14 is a left side view of the wall bracket from the exterior wall panel attachment system of FIG. 1. The wall bracket of FIG. 14 is identical to the panel perimeter strip of FIG. 13, but is upside down relative to the panel perimeter strip. The right side elevational view of the wall bracket is a mirror image of the left side.

FIG. 15 is a top or plan view of the exterior wall panel attachment system of FIG. 2. The panel perimeter strip has been mated with the wall bracket assembly. The bottom or back view is a mirror image of the top or plan view.

FIG. 16 is a front view of the exterior wall panel attachment system of FIG. 2. The panel perimeter strip is again mated with the wall bracket assembly.

FIG. 17 is a bottom view of the exterior wall panel attachment system of FIG. 2; and,

FIG. 18 is a left side view of the exterior wall panel attachment system of FIG. 2. The right side elevational view of the exterior wall panel attachment system is a mirror image of the left side.

The broken lines showing a partial wall, screw and openings are for the purposes of illustrating environment and form no part of the claimed design.

1 Claim, 7 Drawing Sheets

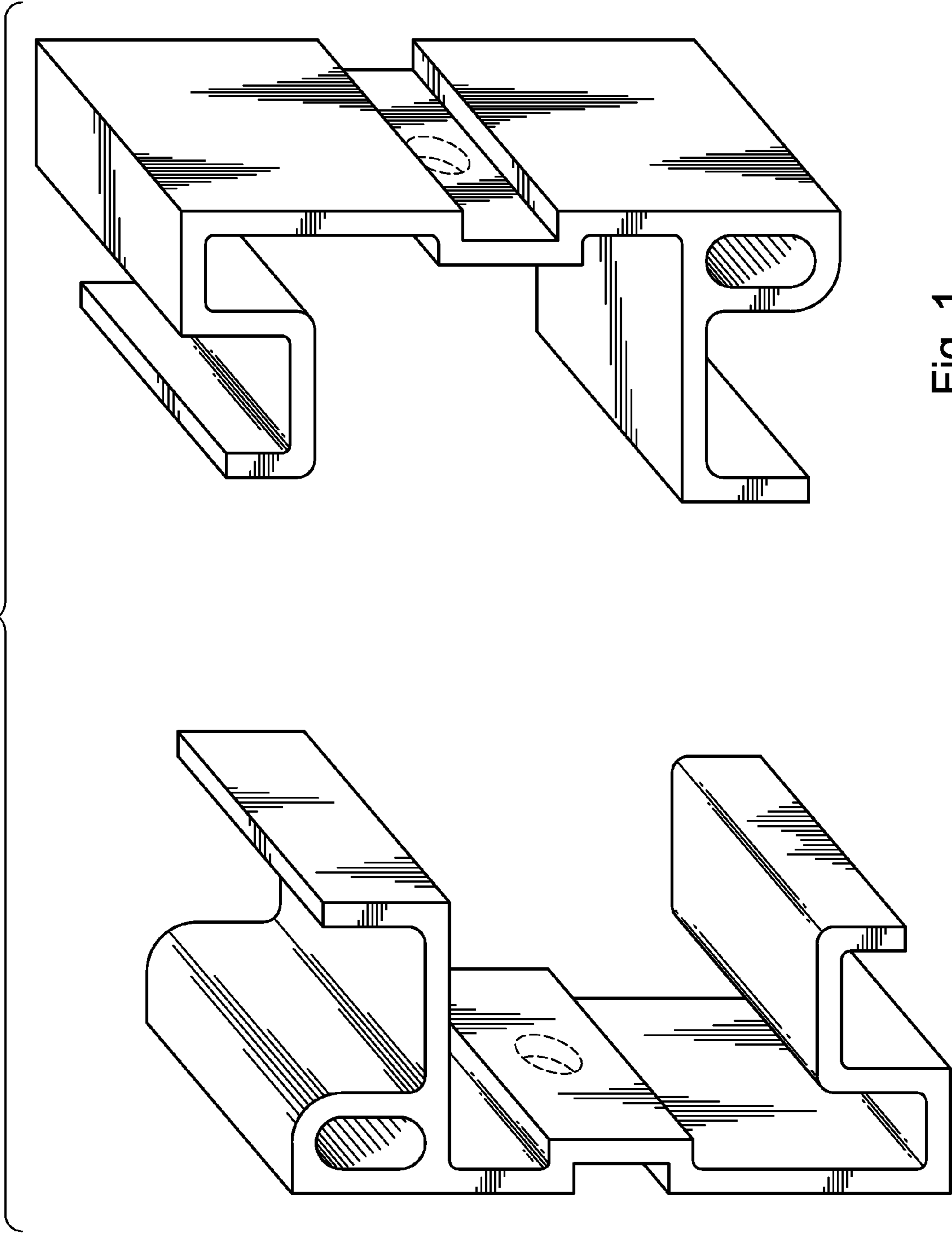


Fig. 1

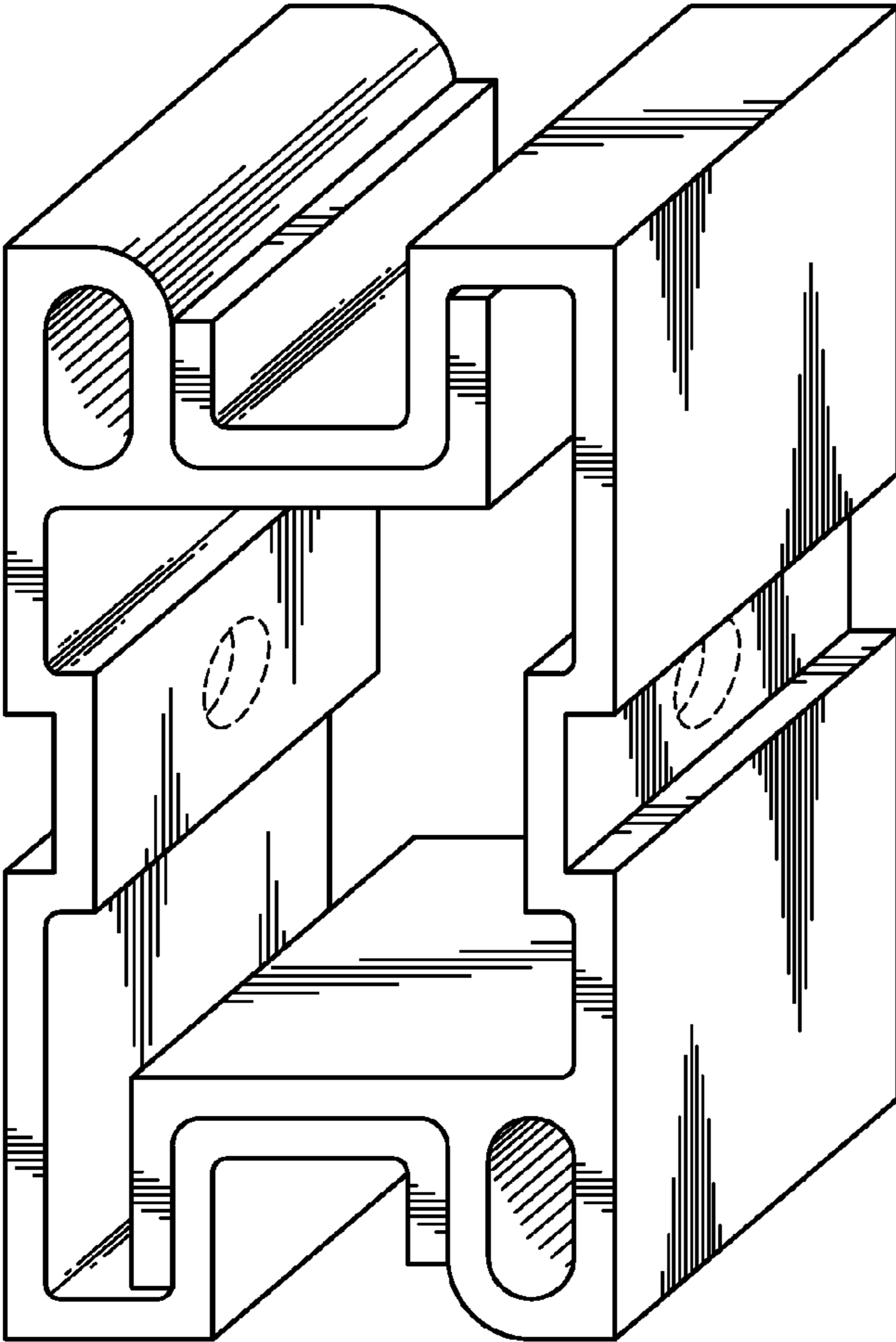


Fig. 2

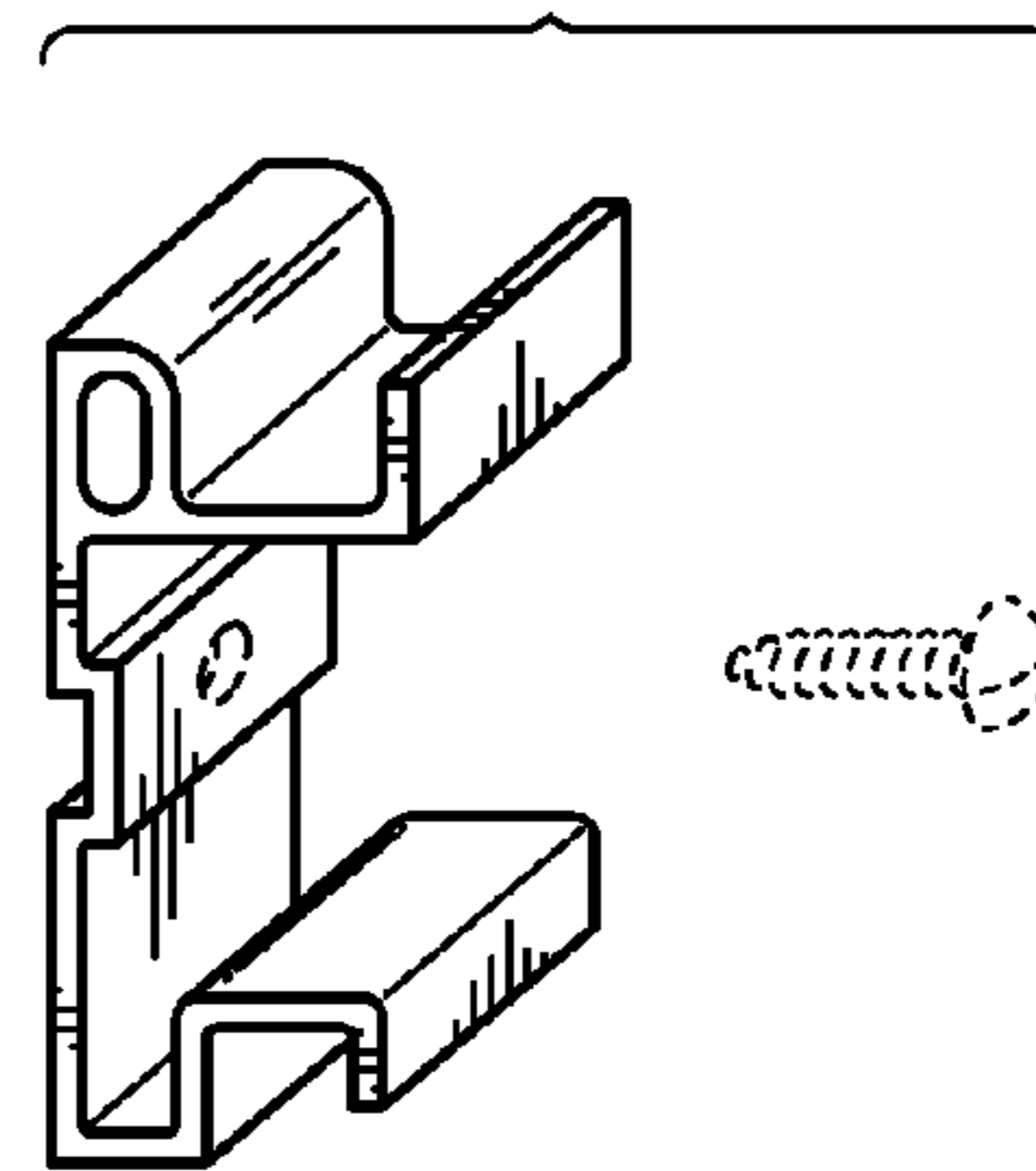
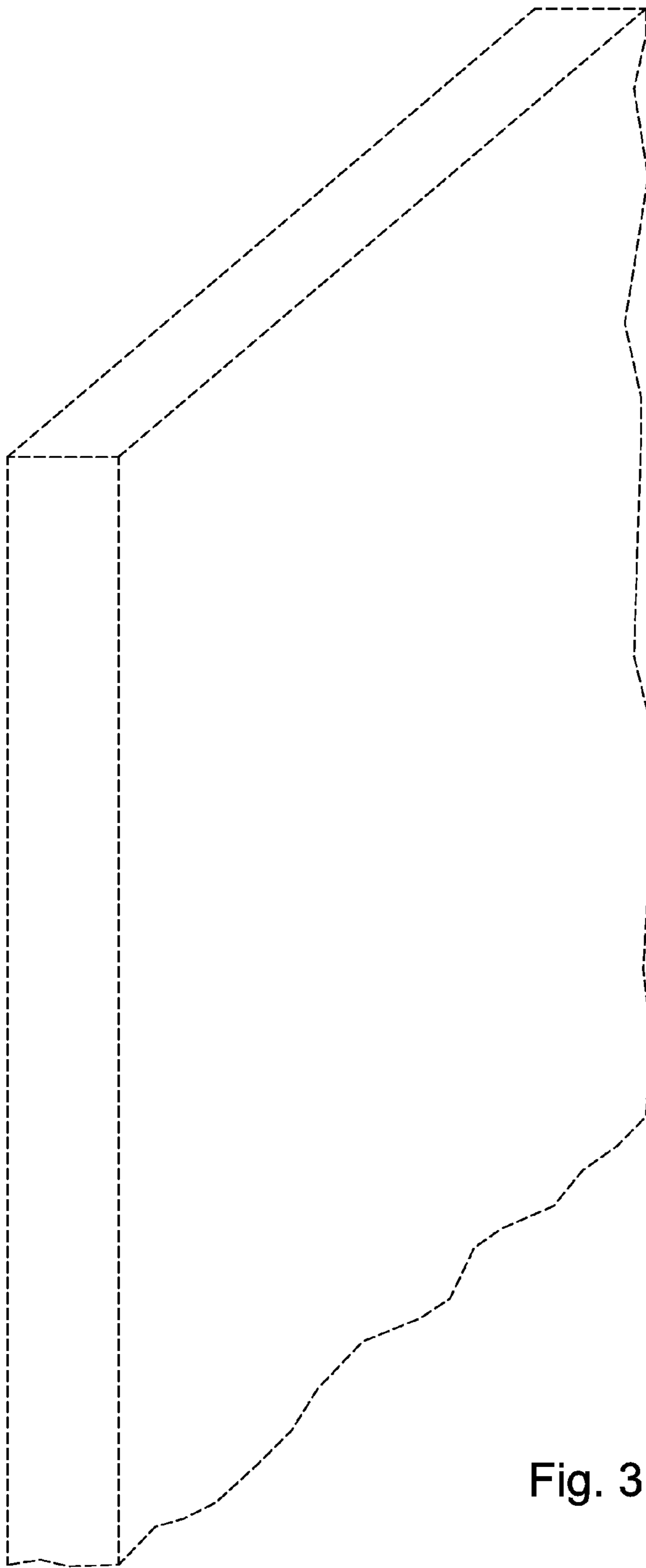


Fig. 3

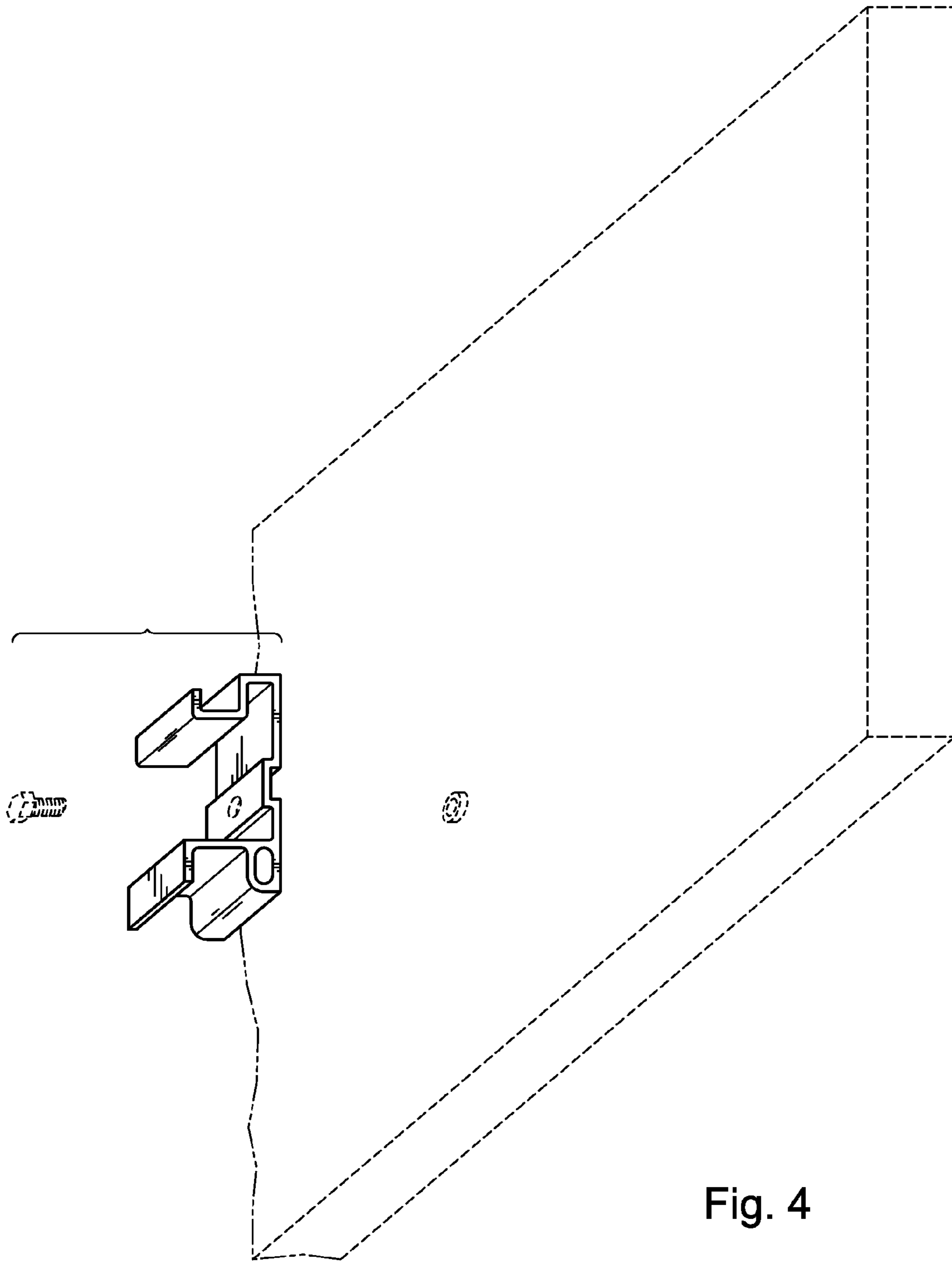


Fig. 4

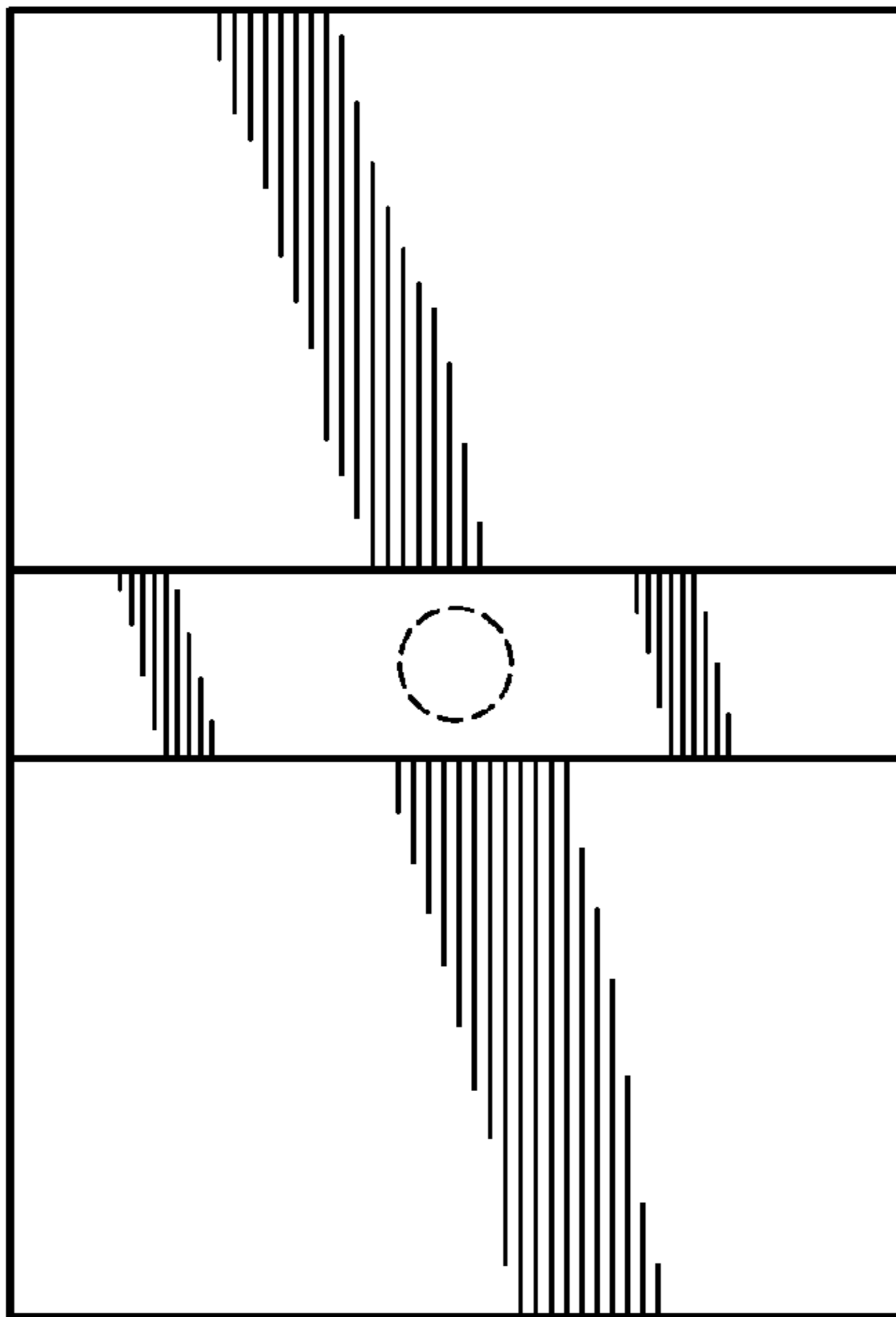


Fig. 5

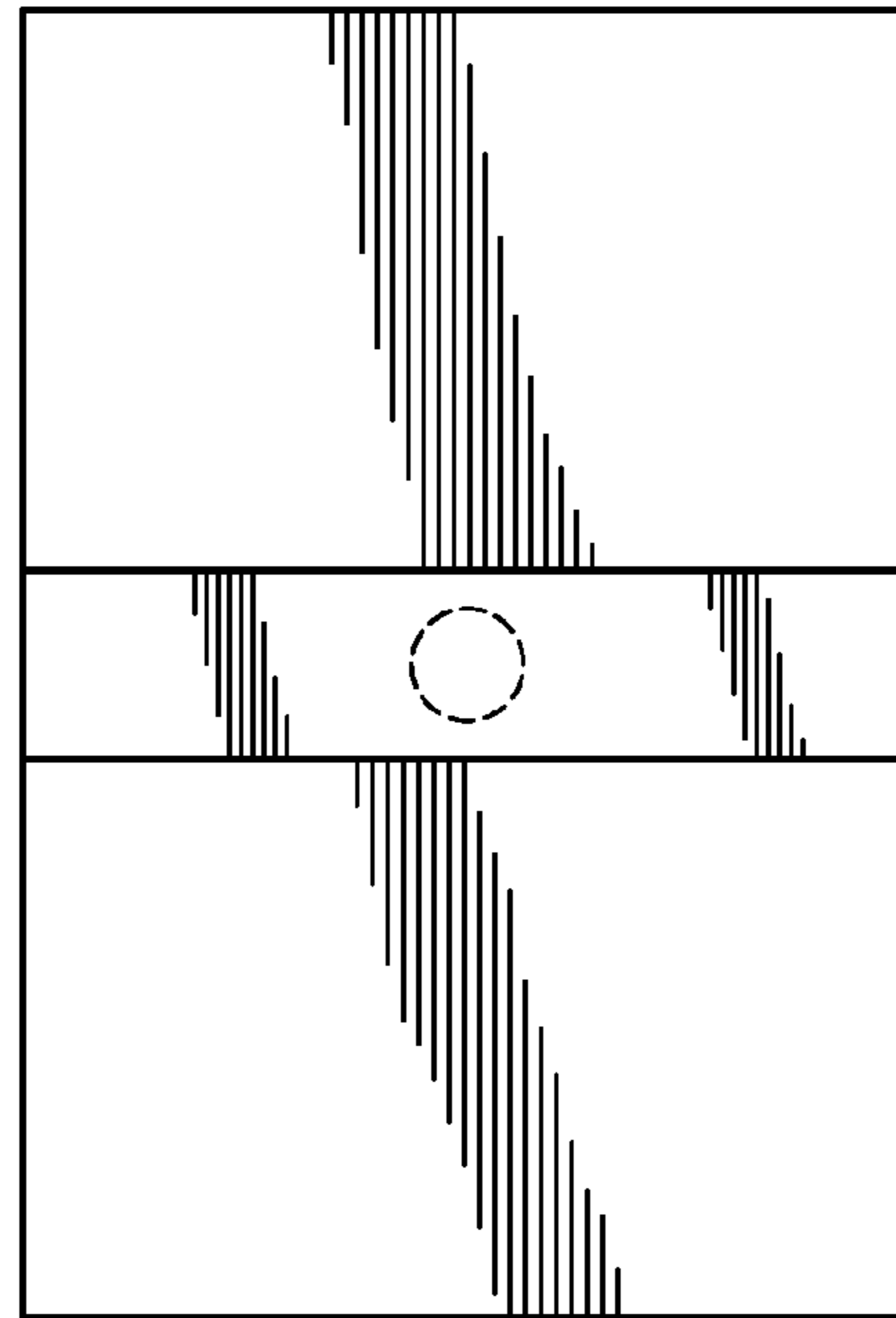


Fig. 6

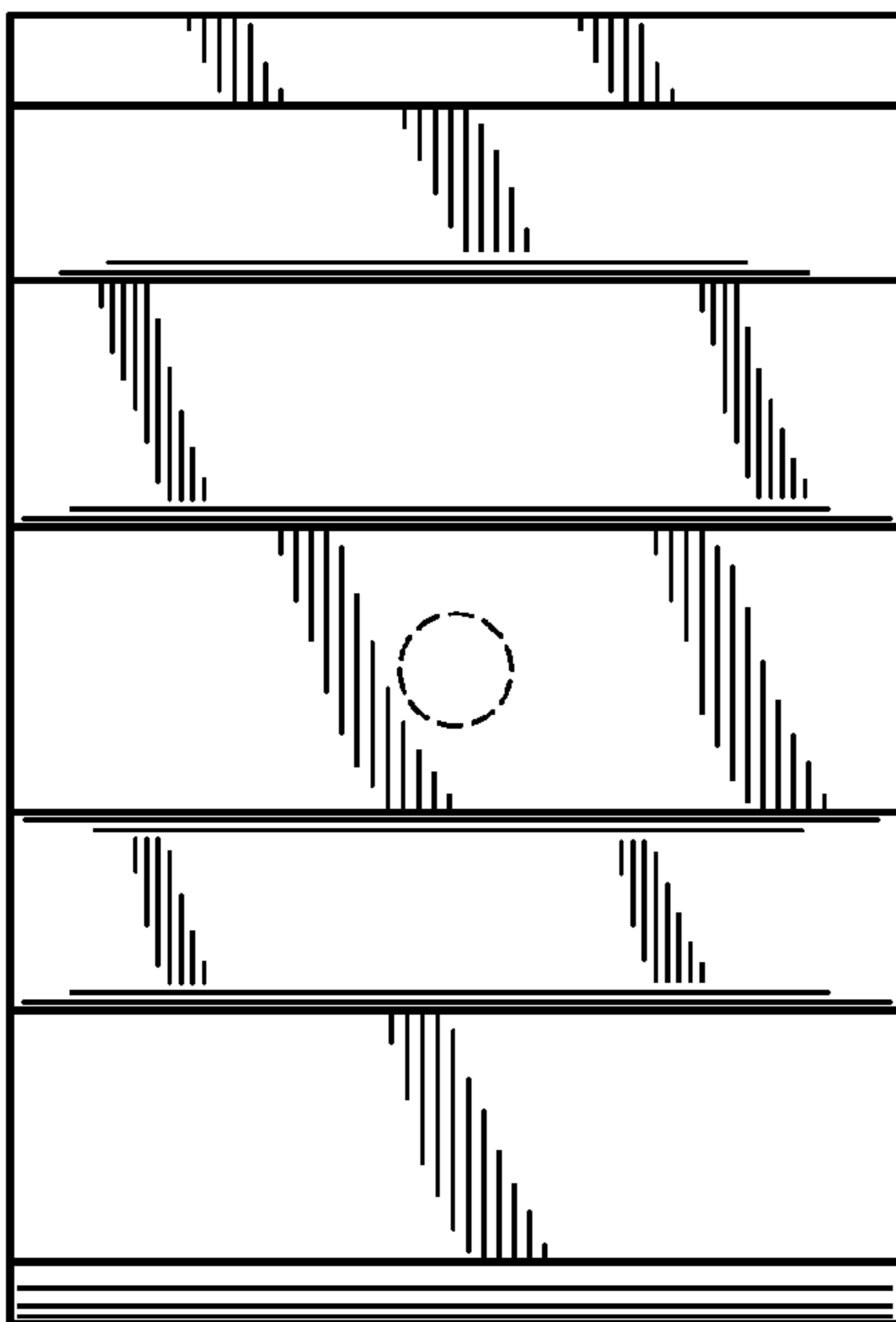


Fig. 7

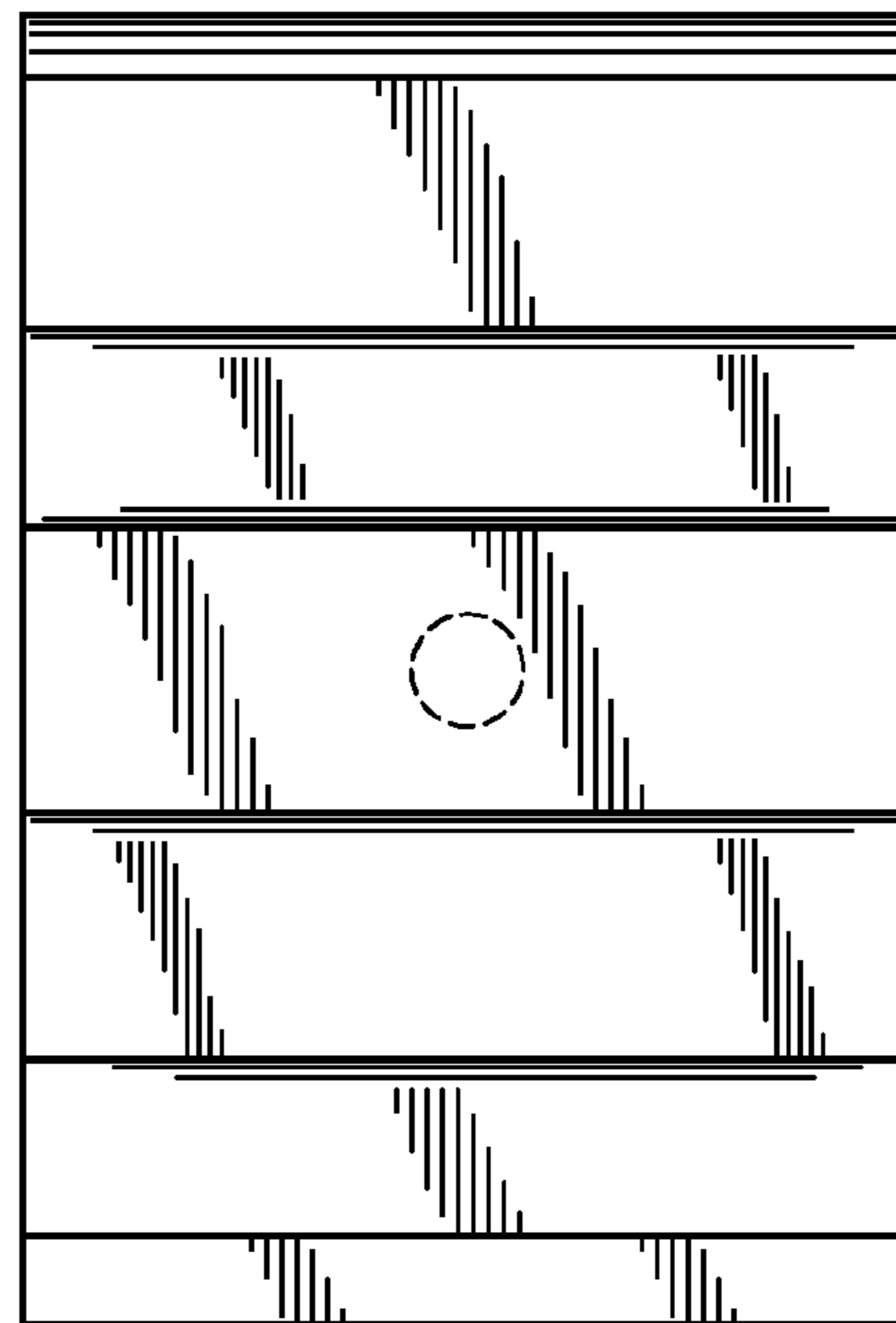


Fig. 8

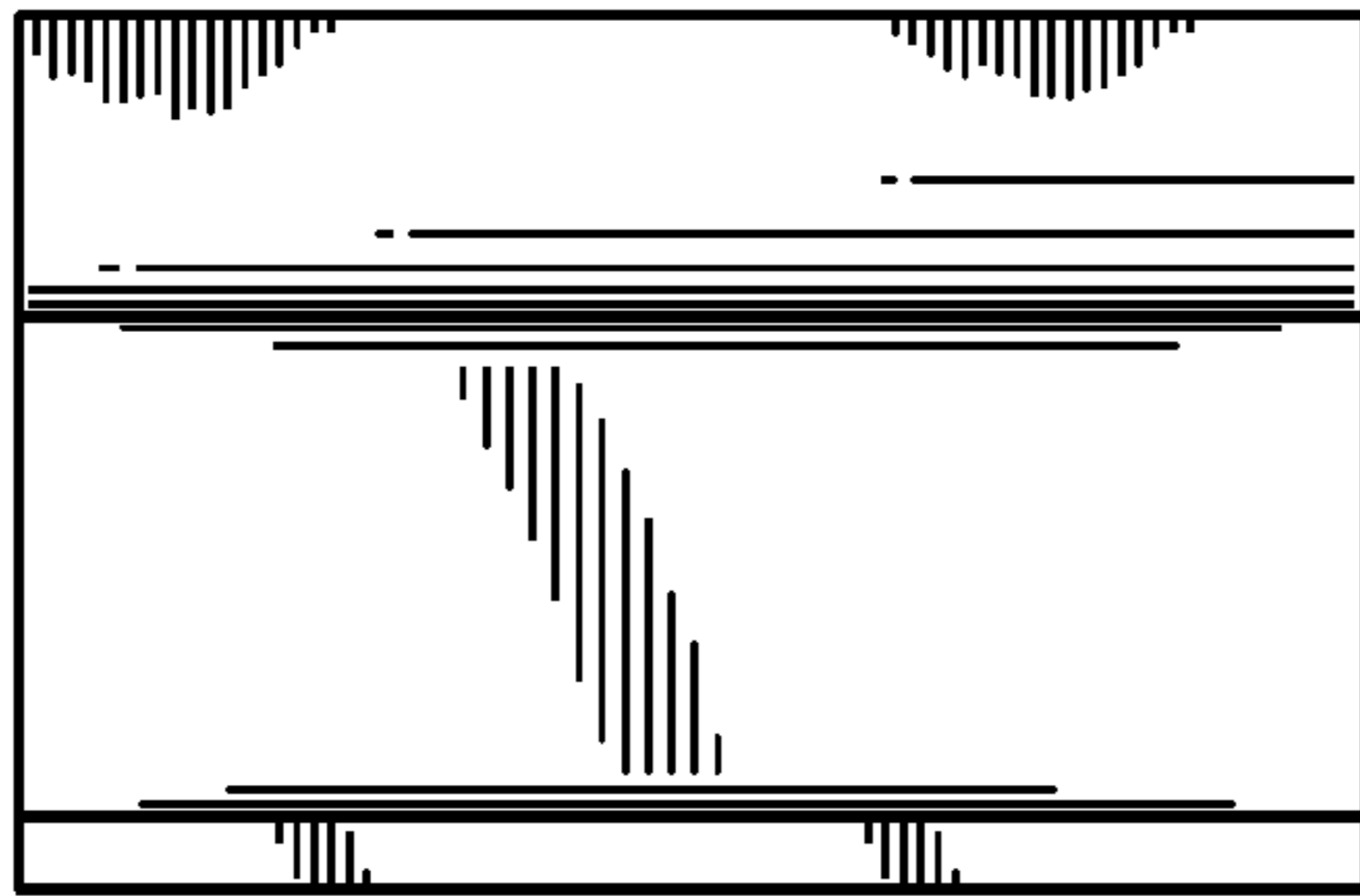


Fig. 9

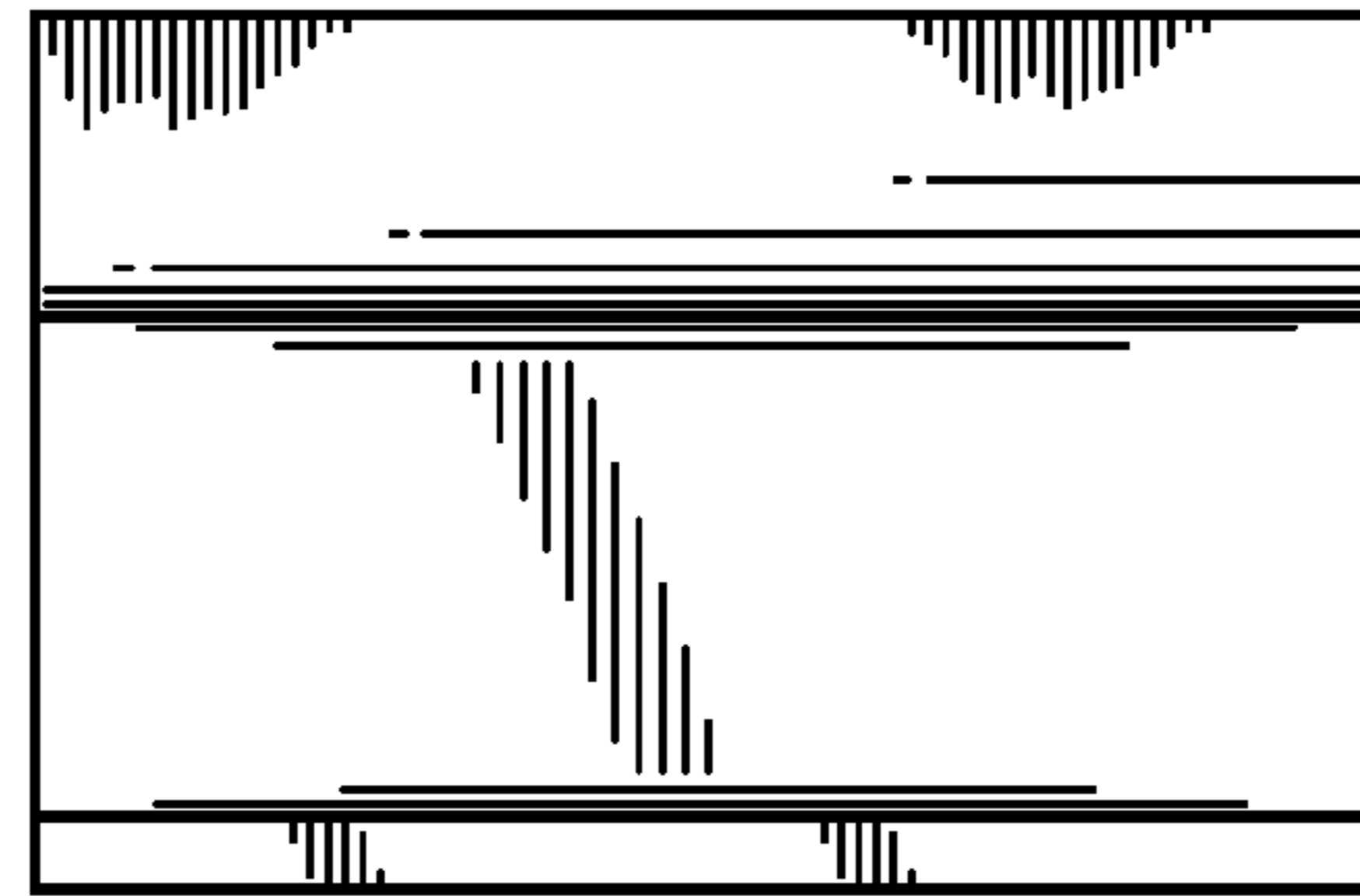


Fig. 10

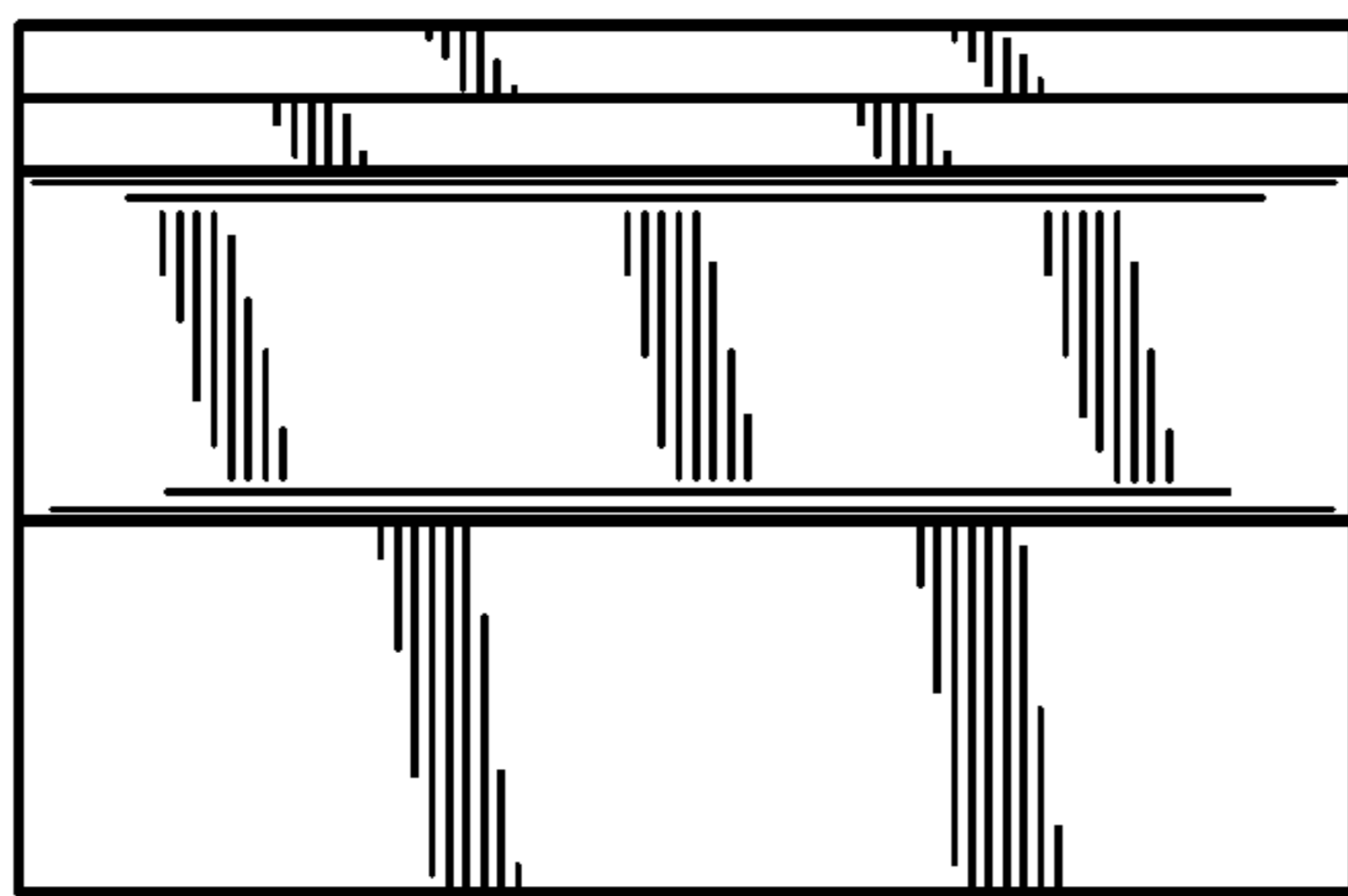


Fig. 11

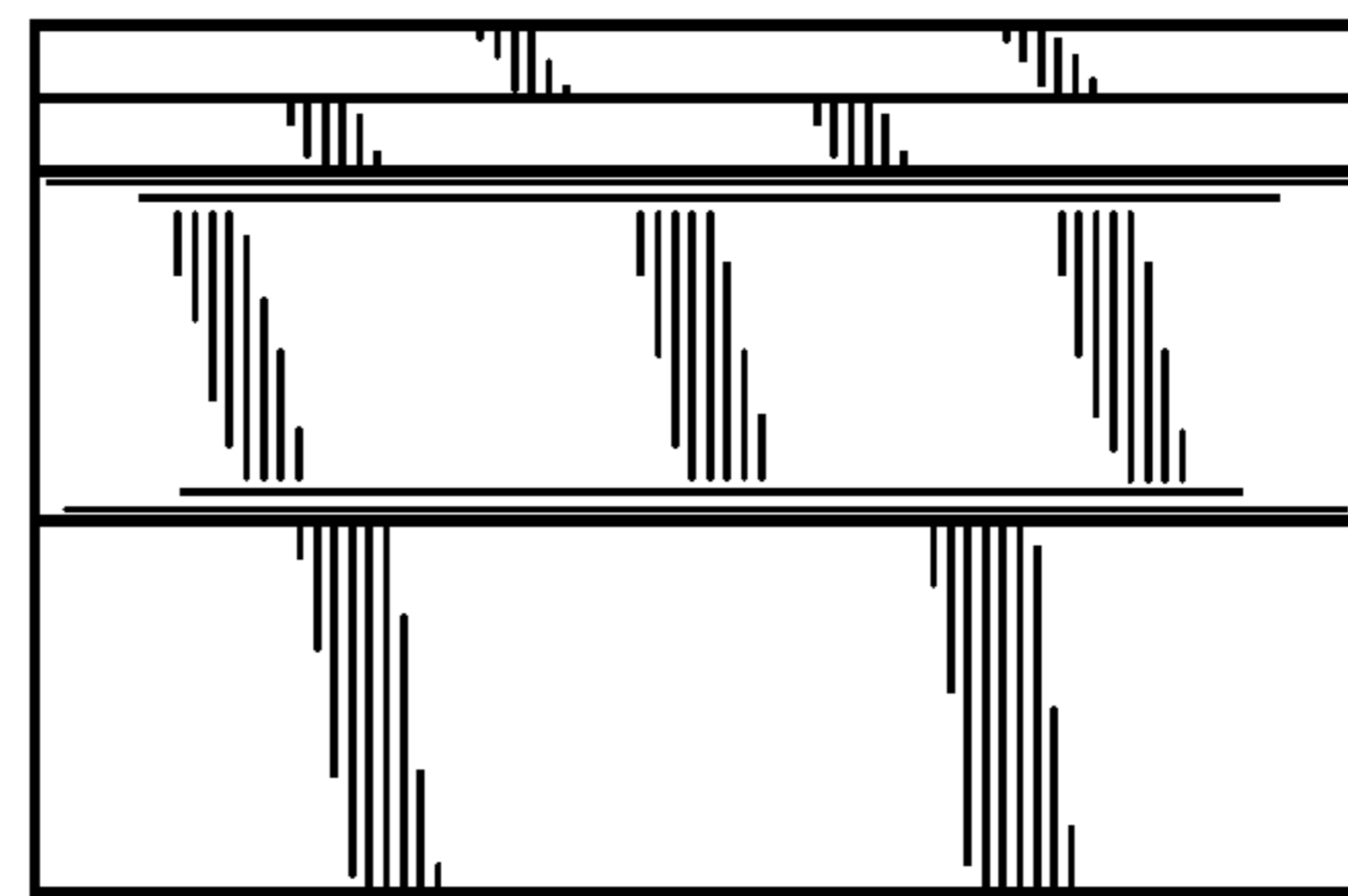


Fig. 12

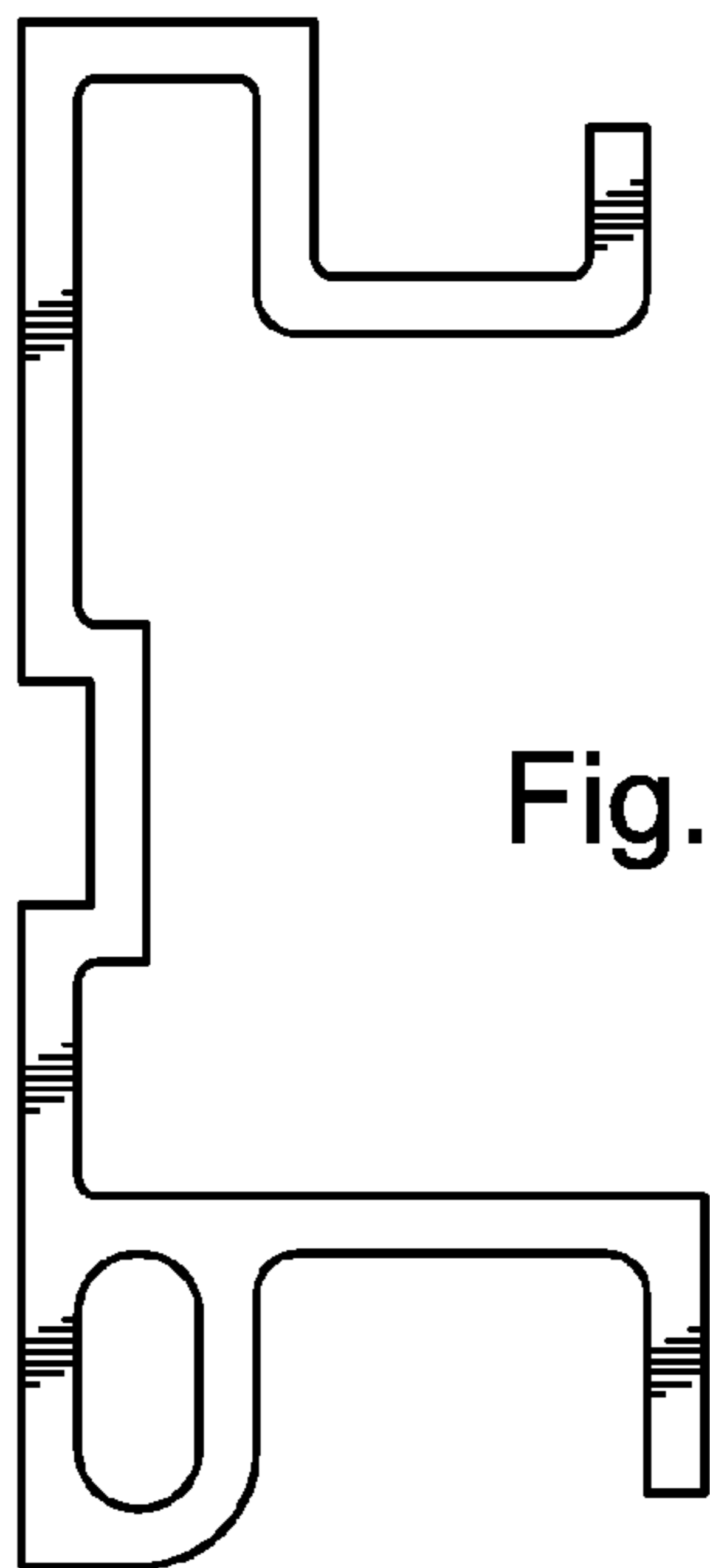


Fig. 13

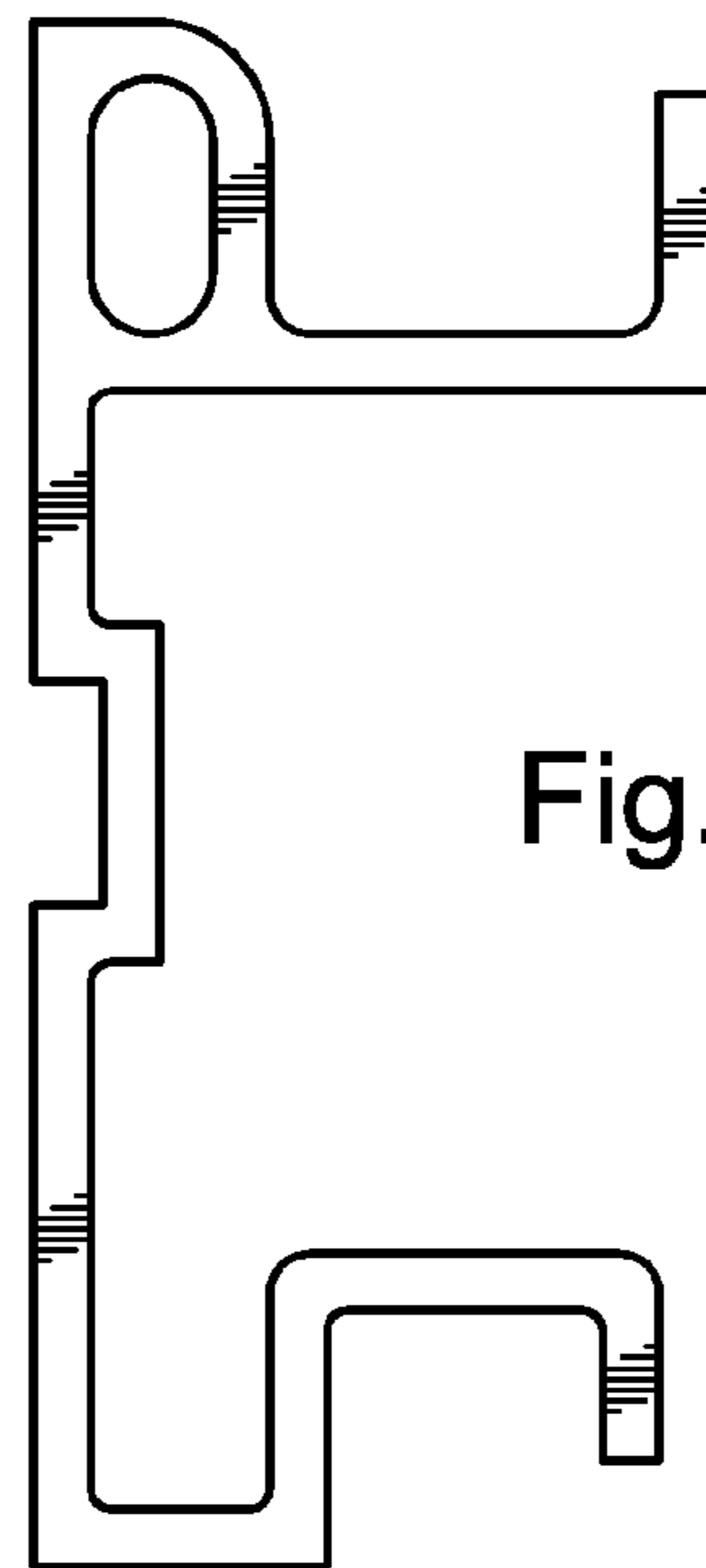


Fig. 14

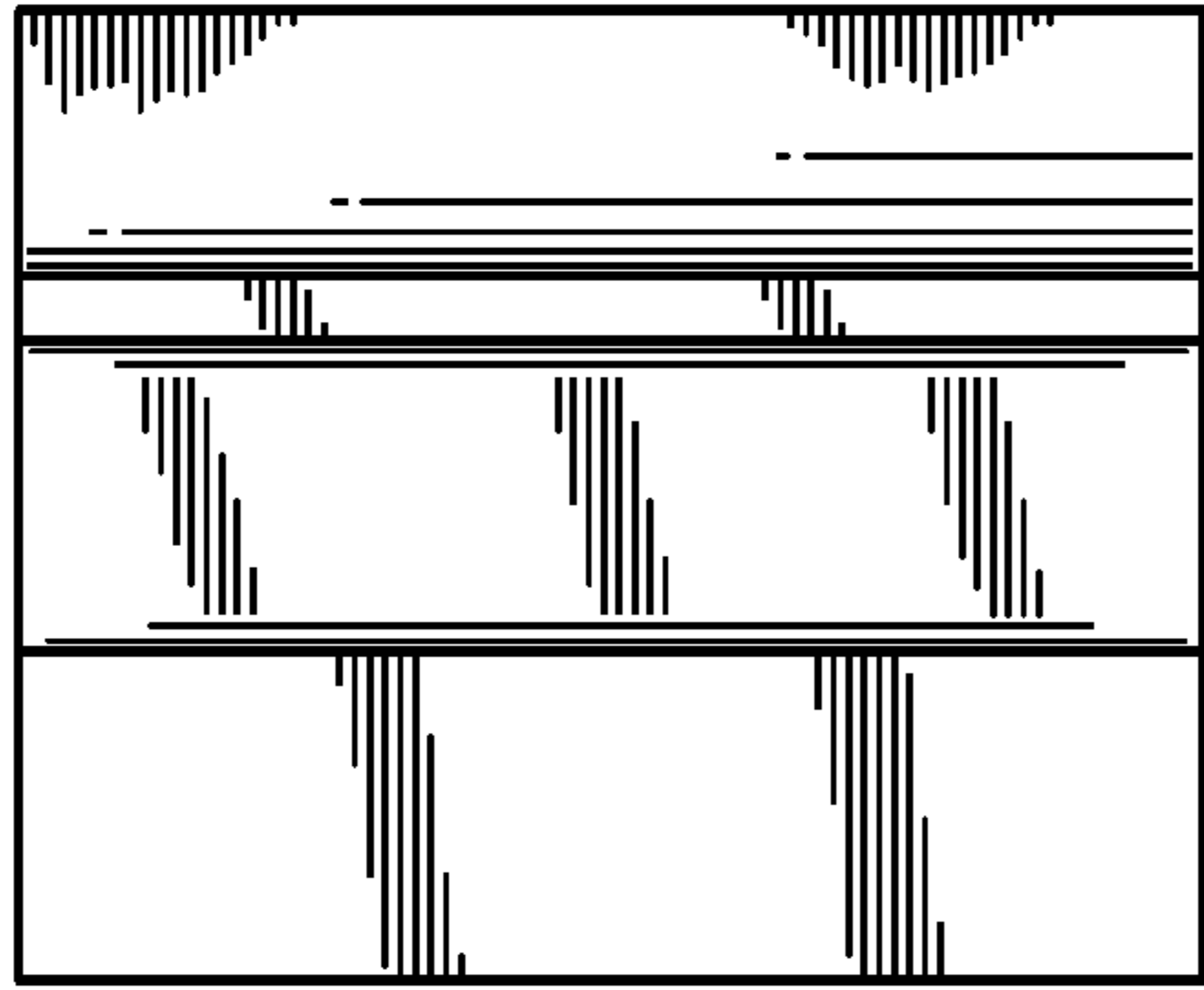


Fig. 15

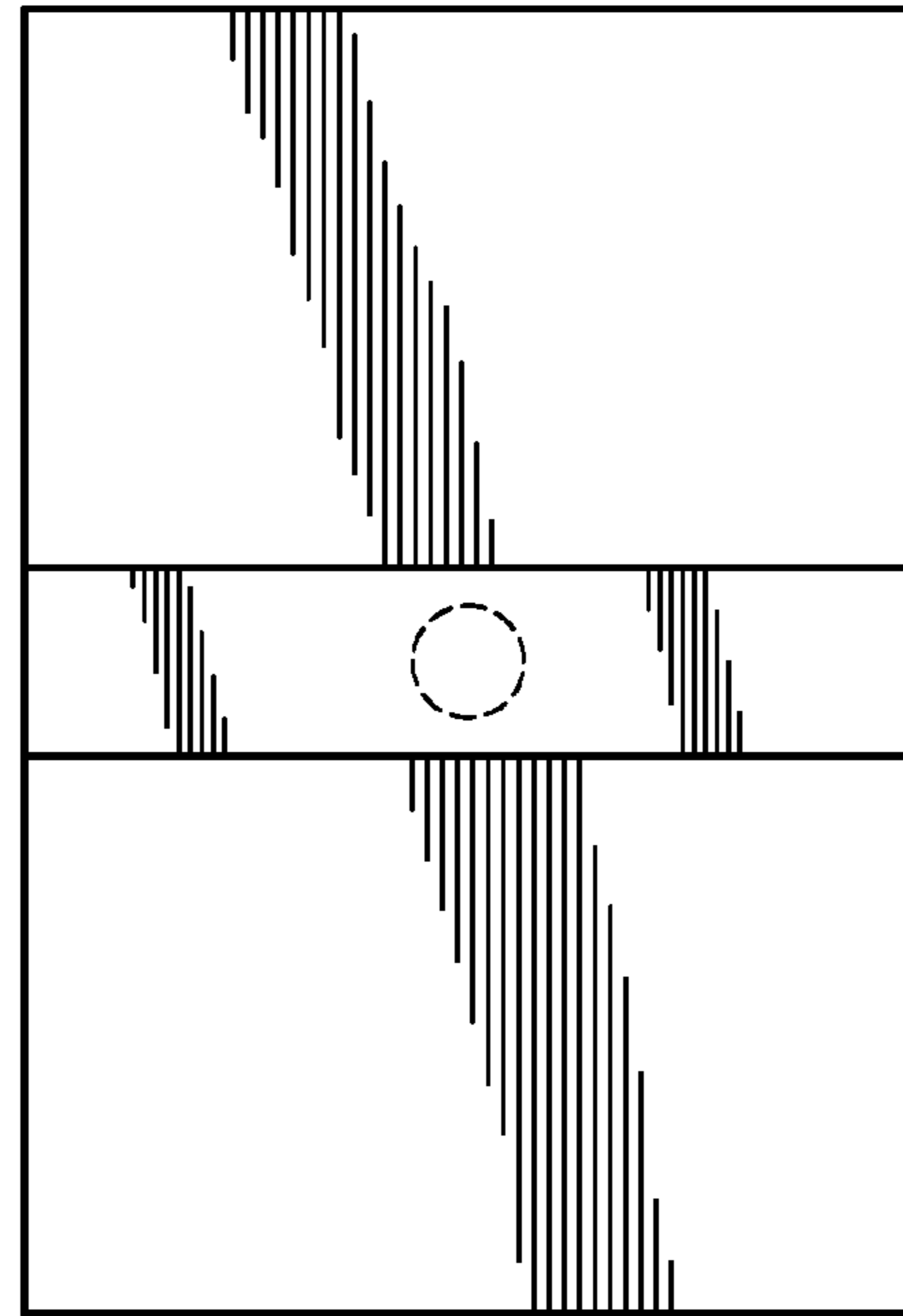


Fig. 16

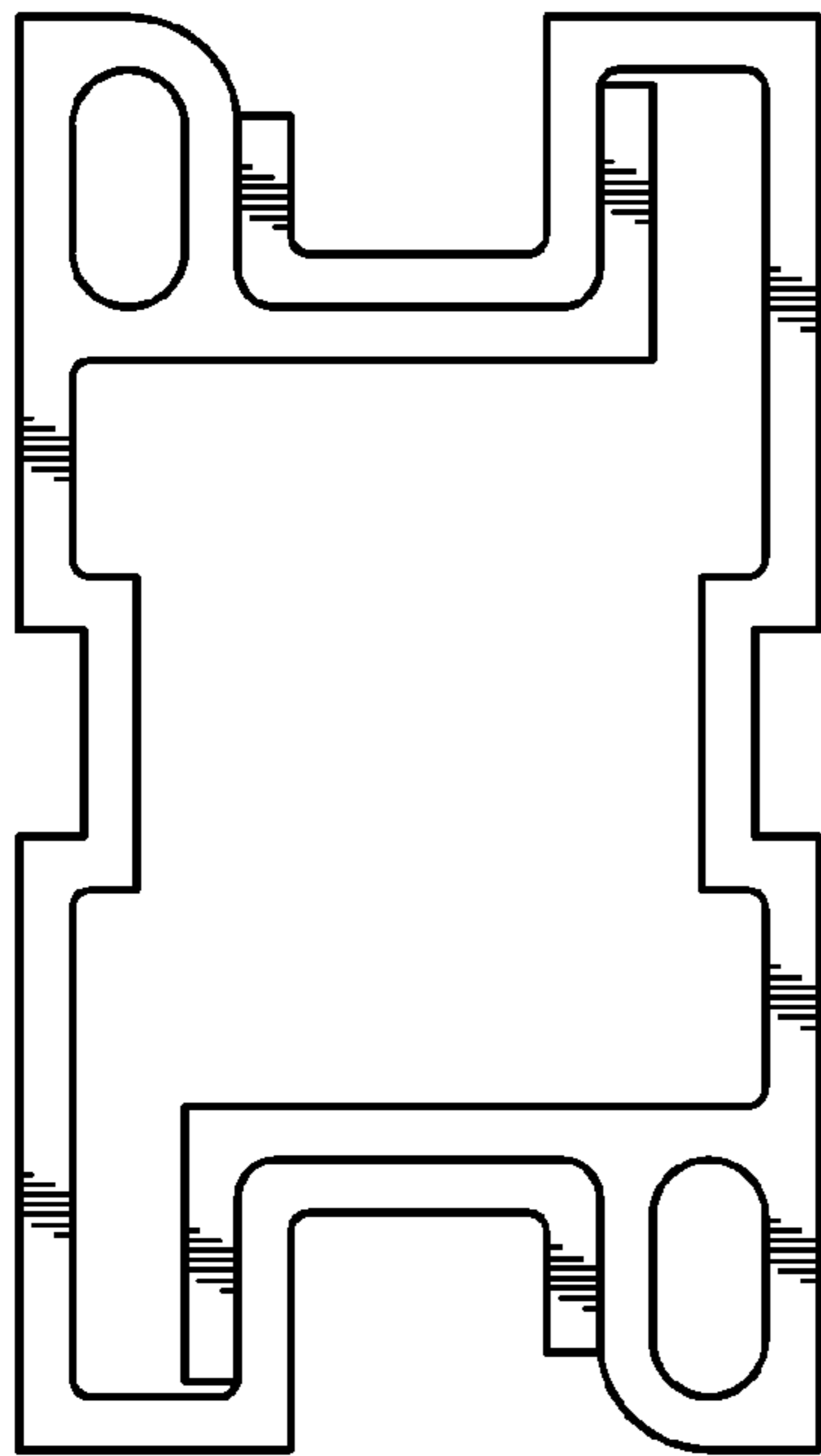


Fig. 18

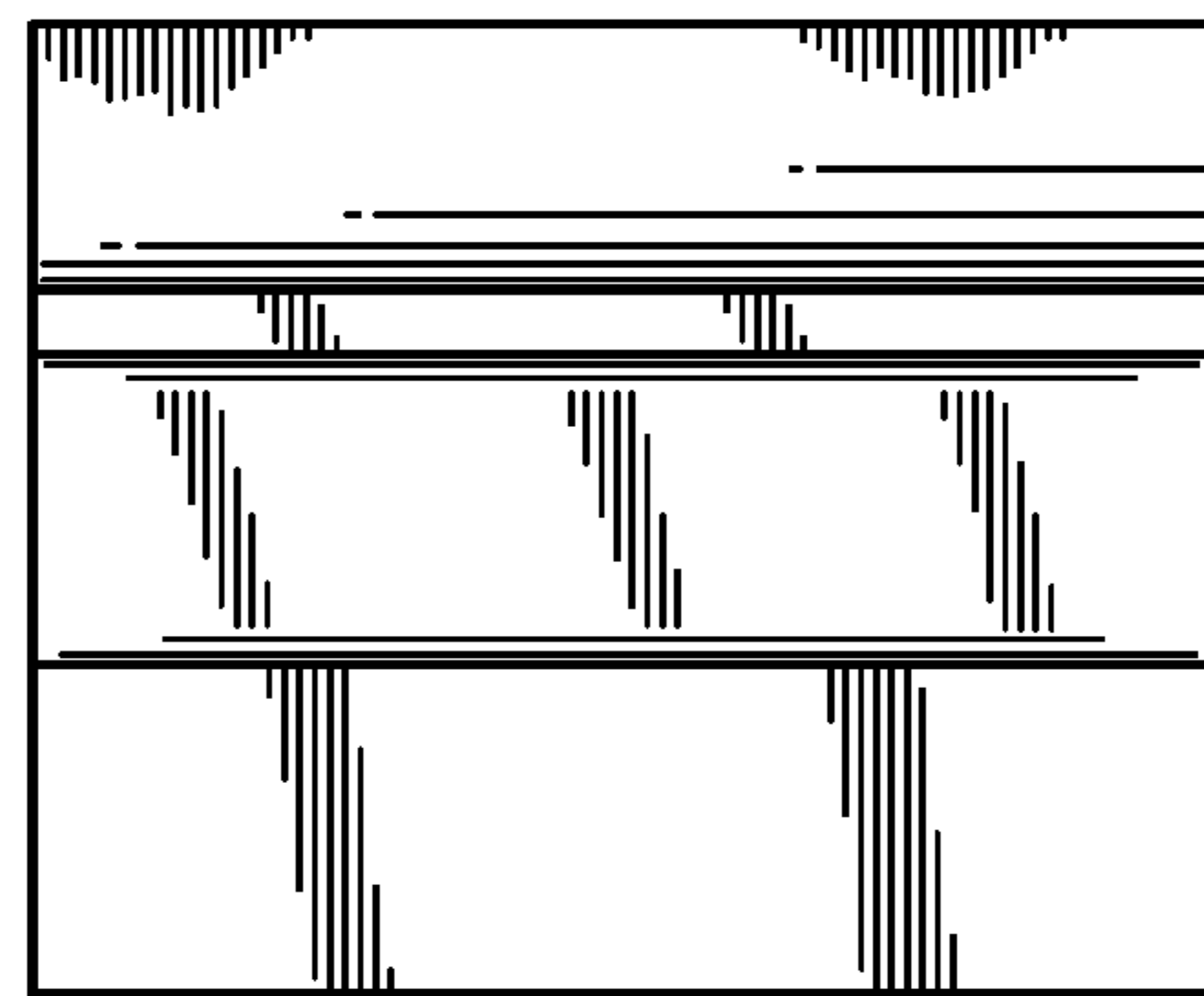


Fig. 17