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

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(54) **ELECTRICAL CONNECTOR**

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(73) Assignee: **Japan Aviation Electronics Industry, Limited, Tokyo (JP)**  
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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** ..... **13-03**

(52) **U.S. Cl.**  
USPC ..... **D13/147**

(58) **Field of Classification Search**  
USPC ..... D13/120, 133, 147, 154, 184, 199;  
439/78-79, 83, 108, 181, 607.01,  
439/607.04, 607.05, 607.17, 607.25,  
439/607.34, 74, 607.41, 607.53, 630, 660  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D540,263	S	*	4/2007	Kishi et al. ....	D13/147
D562,774	S	*	2/2008	Kojima et al. ....	D13/147
D570,289	S	*	6/2008	Obikane ....	D13/147
D588,541	S	*	3/2009	Lee et al. ....	D13/147
D589,898	S	*	4/2009	Chen et al. ....	D13/147
D603,799	S		11/2009	Obikane et al.	
D604,250	S	*	11/2009	Obikane et al. ....	D13/147
D641,705	S		7/2011	Sato et al.	
D642,531	S		8/2011	Nishimura et al.	
D643,369	S		8/2011	Sato et al.	
D684,121	S	*	6/2013	Miyazaki et al. ....	D13/147
D684,541	S	*	6/2013	Miyazaki et al. ....	D13/147
D684,932	S	*	6/2013	Nishimura et al. ....	D13/147

\* cited by examiner

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Tomoko Nakajima

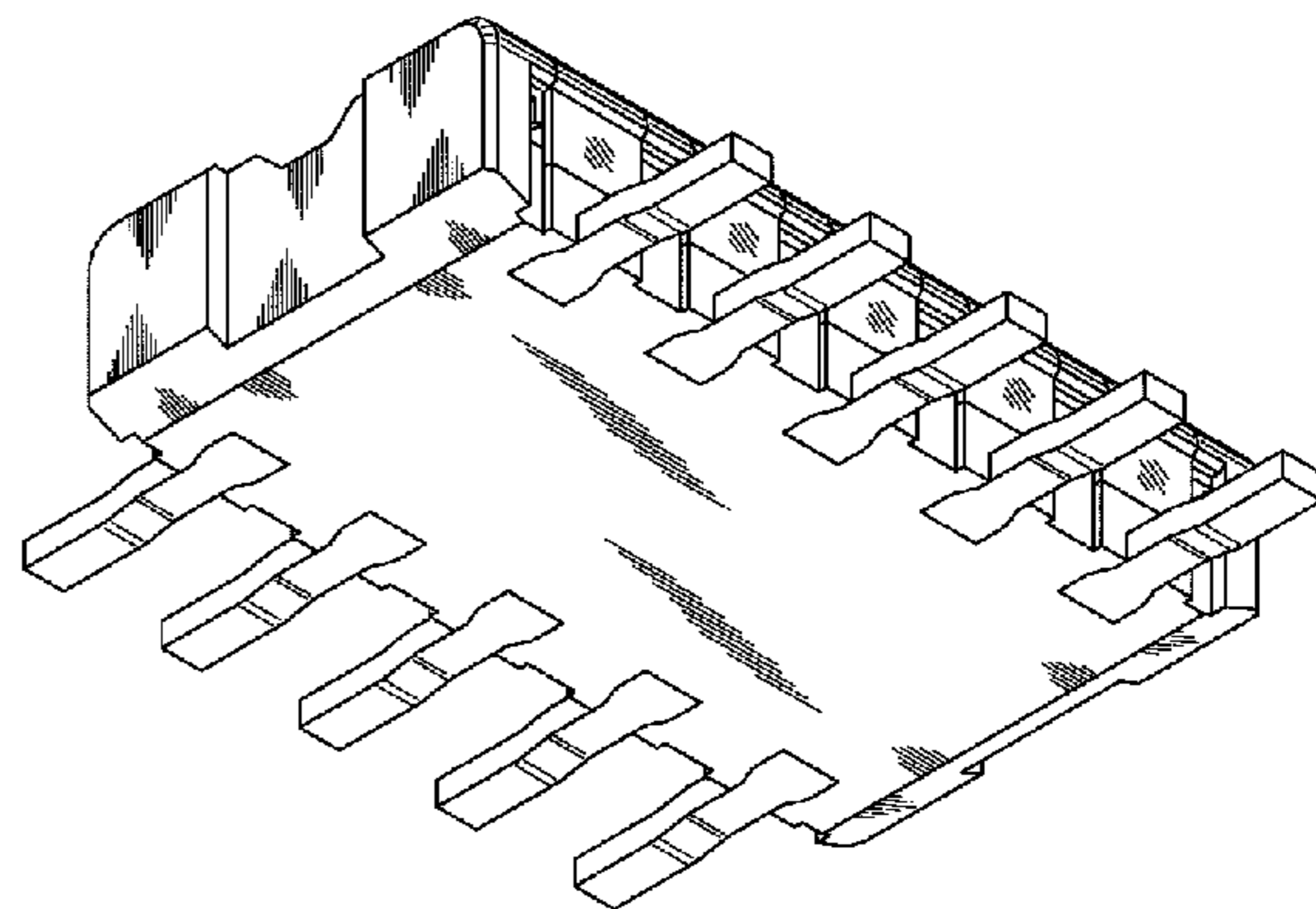
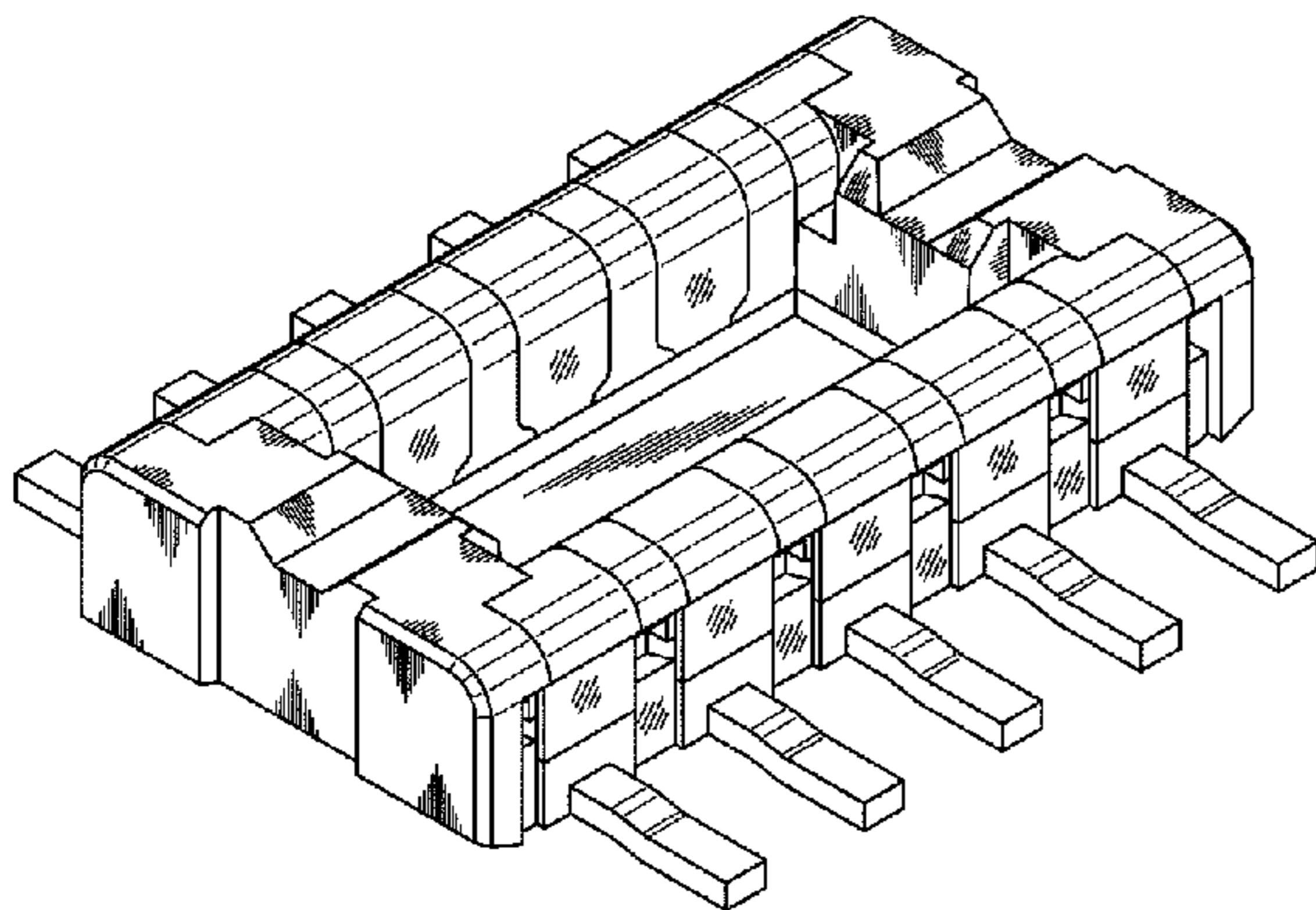
(57) **CLAIM**

The ornamental design for an electrical connector, as shown.

**DESCRIPTION**

FIG. 1 is a front elevational view of an electrical connector showing our new design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a right side elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a rear elevational view thereof; and  
FIG. 6 is a bottom plan view thereof.  
FIG. 7 is a top perspective view thereof; and,  
FIG. 8 is a bottom perspective view thereof.

**1 Claim, 8 Drawing Sheets**



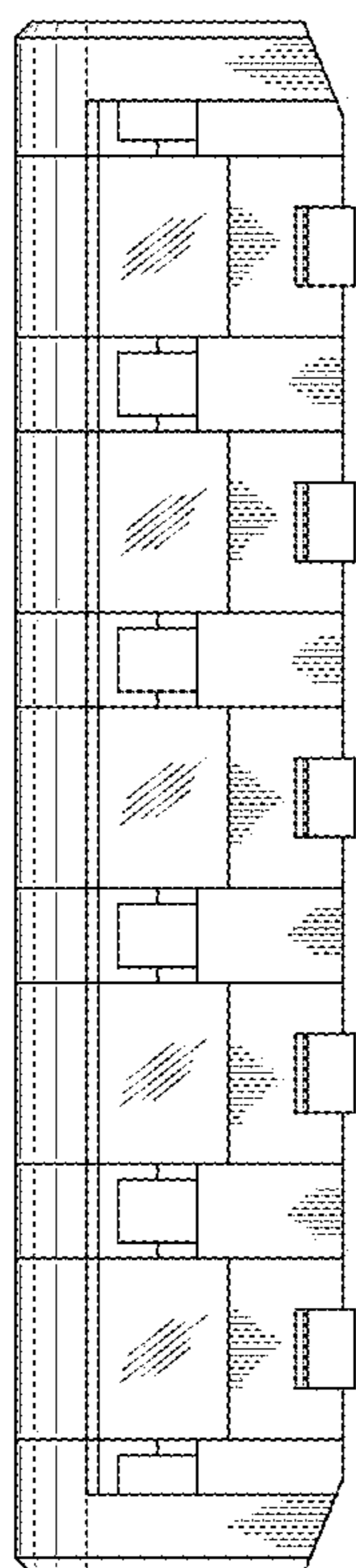


FIG. 1

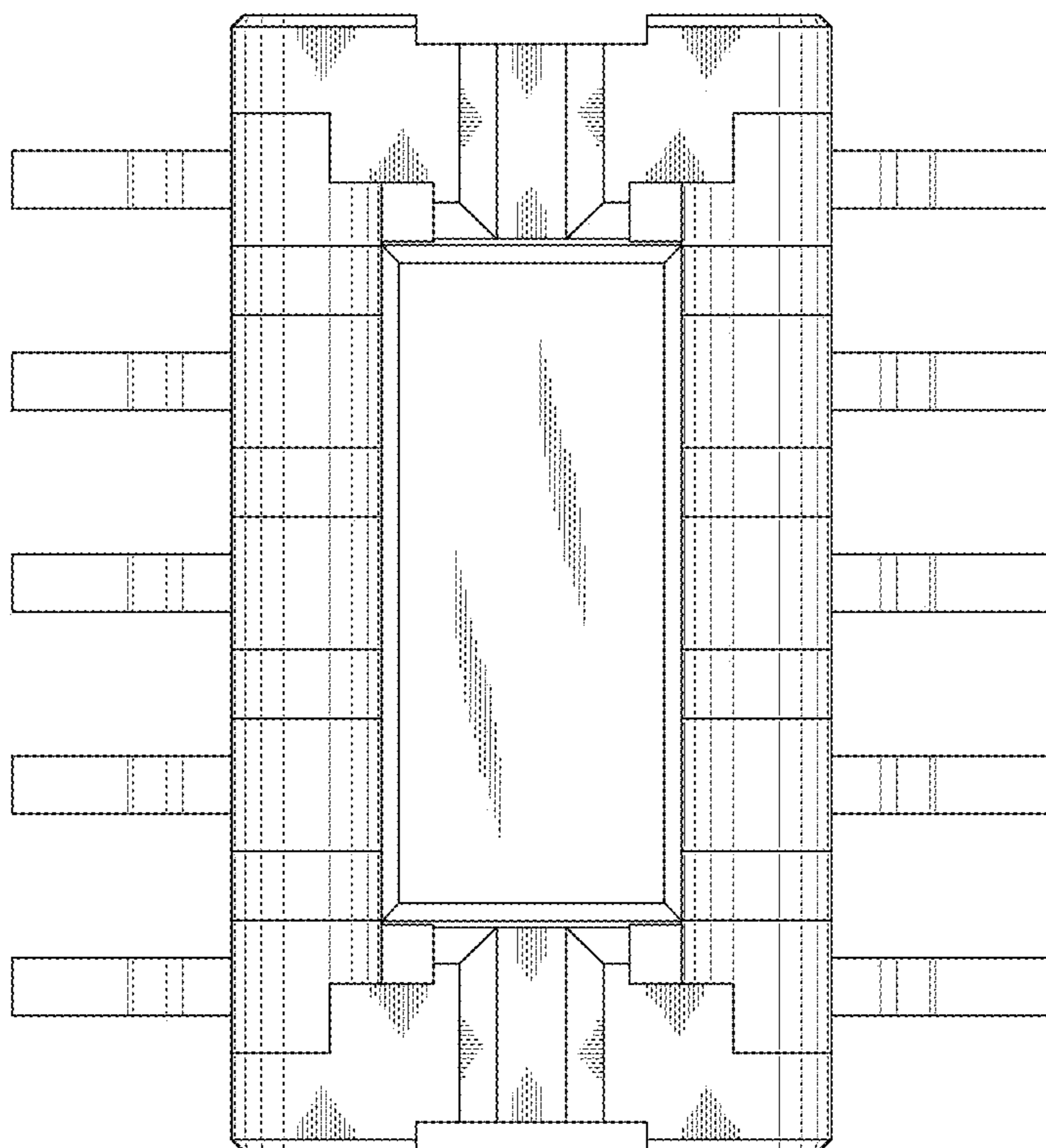


FIG. 2

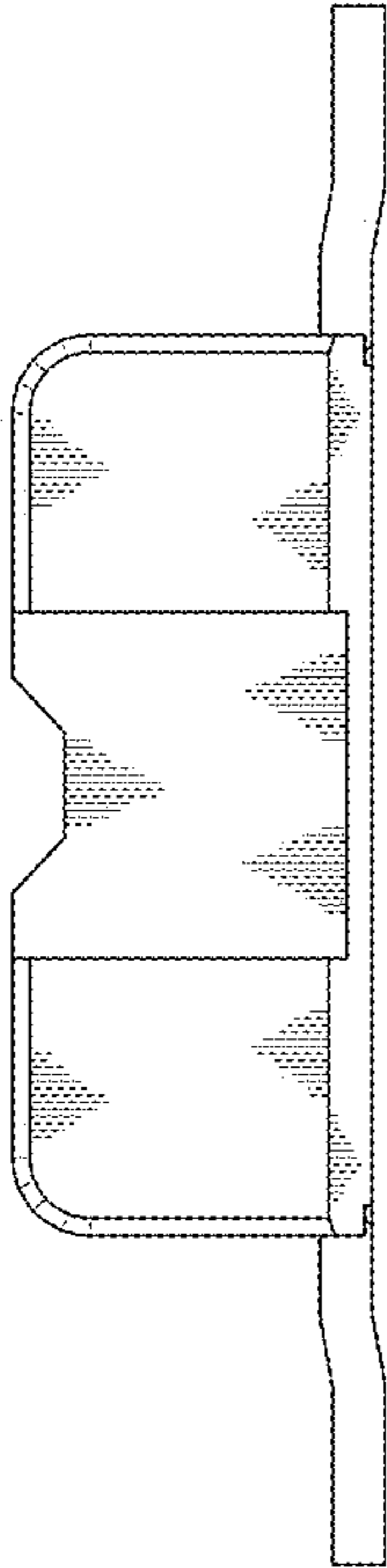


FIG.3

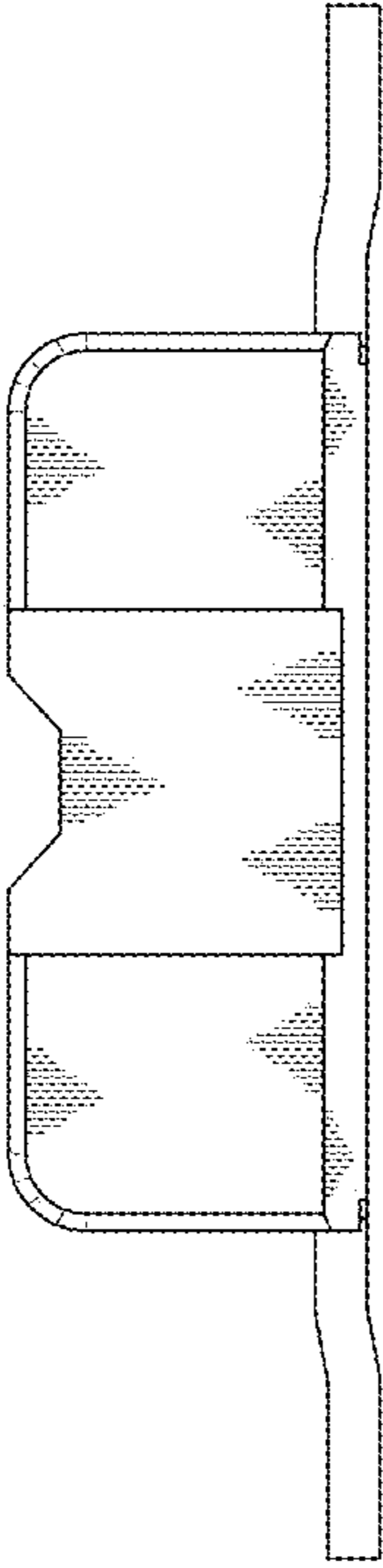


FIG.4

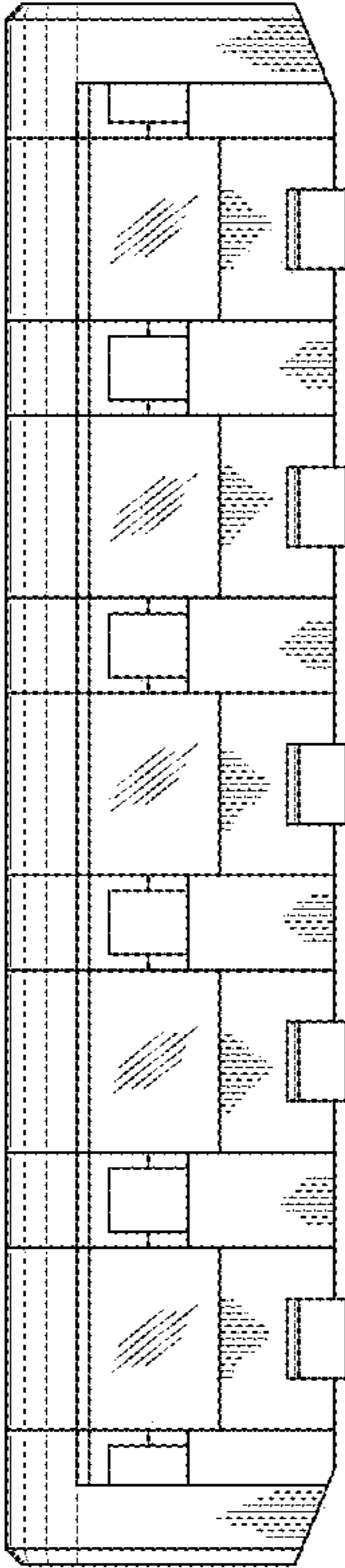


FIG. 5

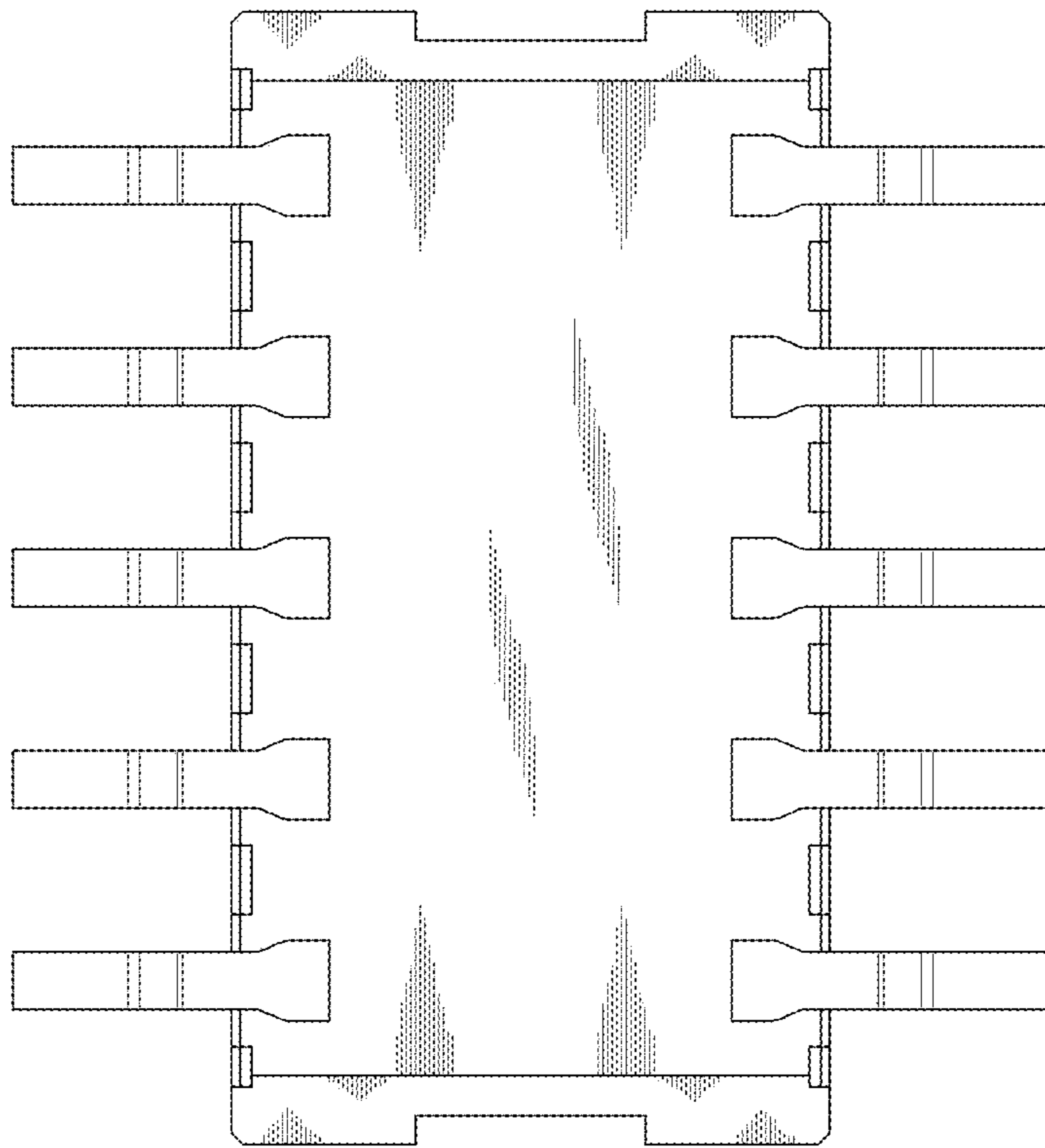


FIG.6

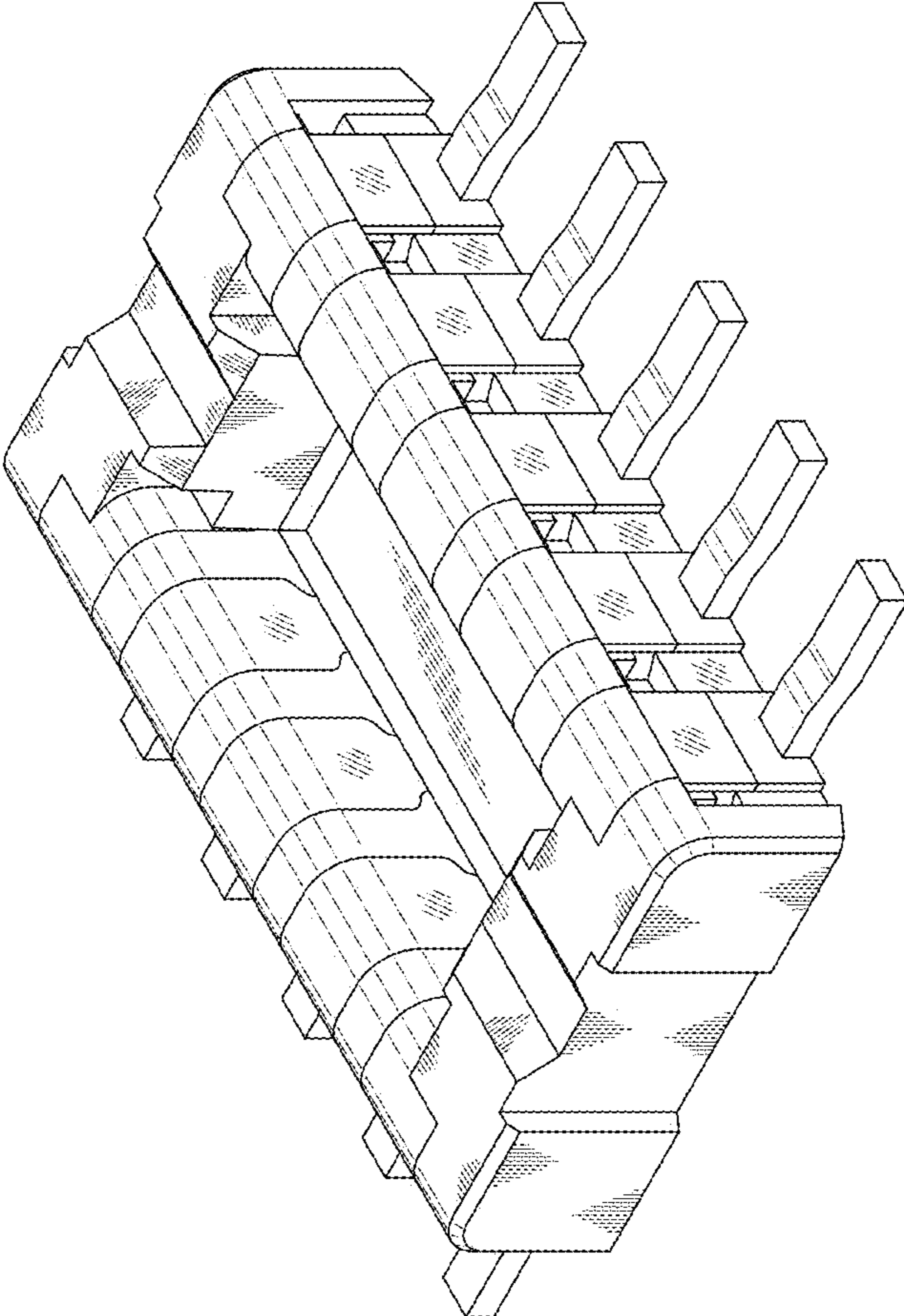


FIG. 7



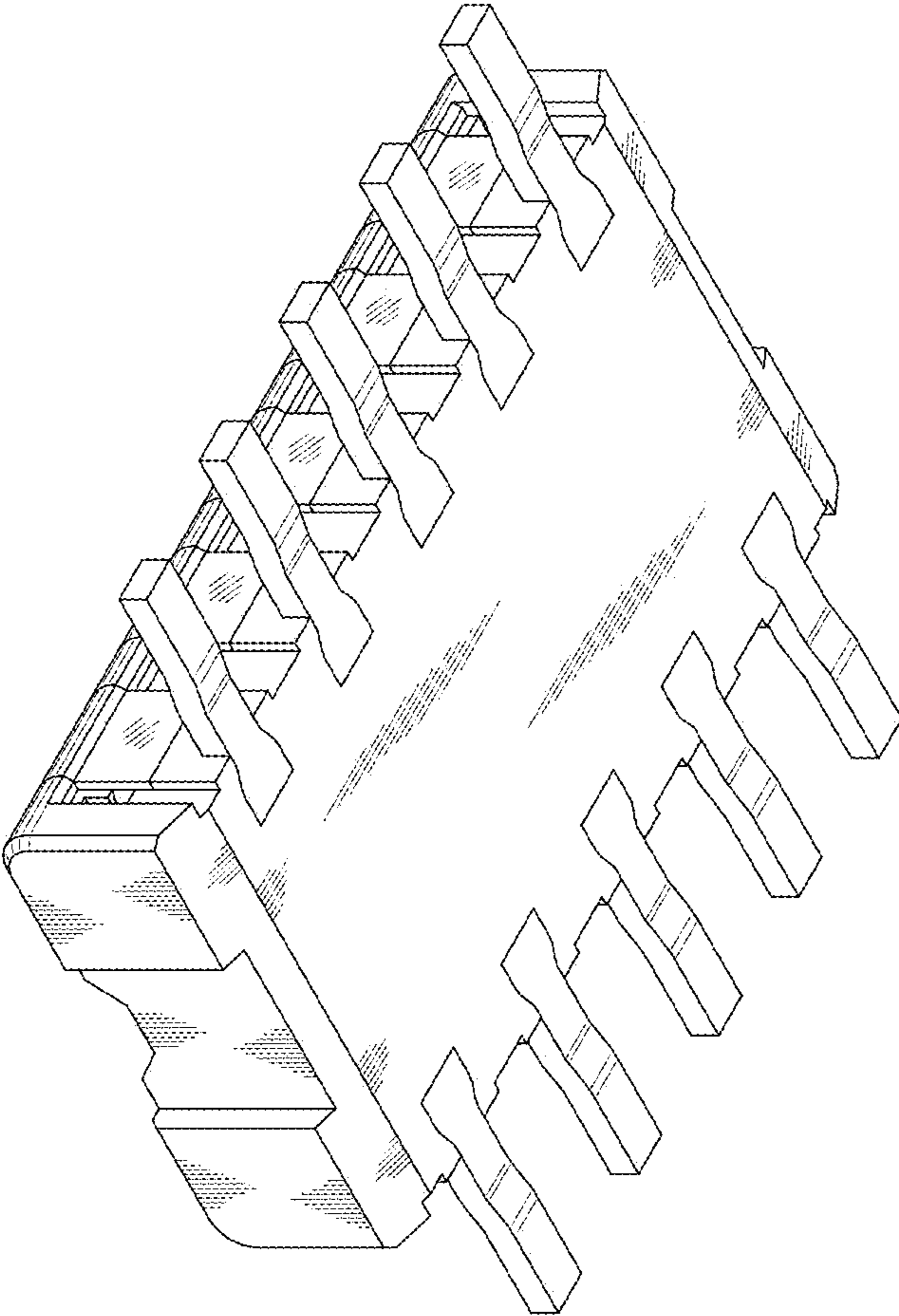


FIG.8