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United States Patent [19]

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Sato et al.

[45] Date of Patent: **** Apr. 20, 1993**

[54] **BOBBIN FOR USE WITH A MAGNETIC CORE**

OTHER PUBLICATIONS

English version of the corresponding Utility Model Application which has been filed in Germany.

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[57] CLAIM

[**] Term: **14 Years**

The ornamental design for a bobbin for use with a magnetic core, as shown and described.

[21] Appl. No.: **607,099**

DESCRIPTION

[22] Filed: **Oct. 31, 1990**

FIG. 1 is a front elevational view of a bobbin for use with a magnetic core showing our new design; FIG. 2 is a right side elevational view thereof; FIG. 3 is a left elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a front and upper left perspective view thereof shown on an enlarged scale with two magnetic cores. A broken line showing of the magnetic cores is included for the purpose of illustrating environmental elements only and forms no part of the claimed design; and, FIG. 8 is a rear and lower left perspective view thereof shown on a still larger scale.

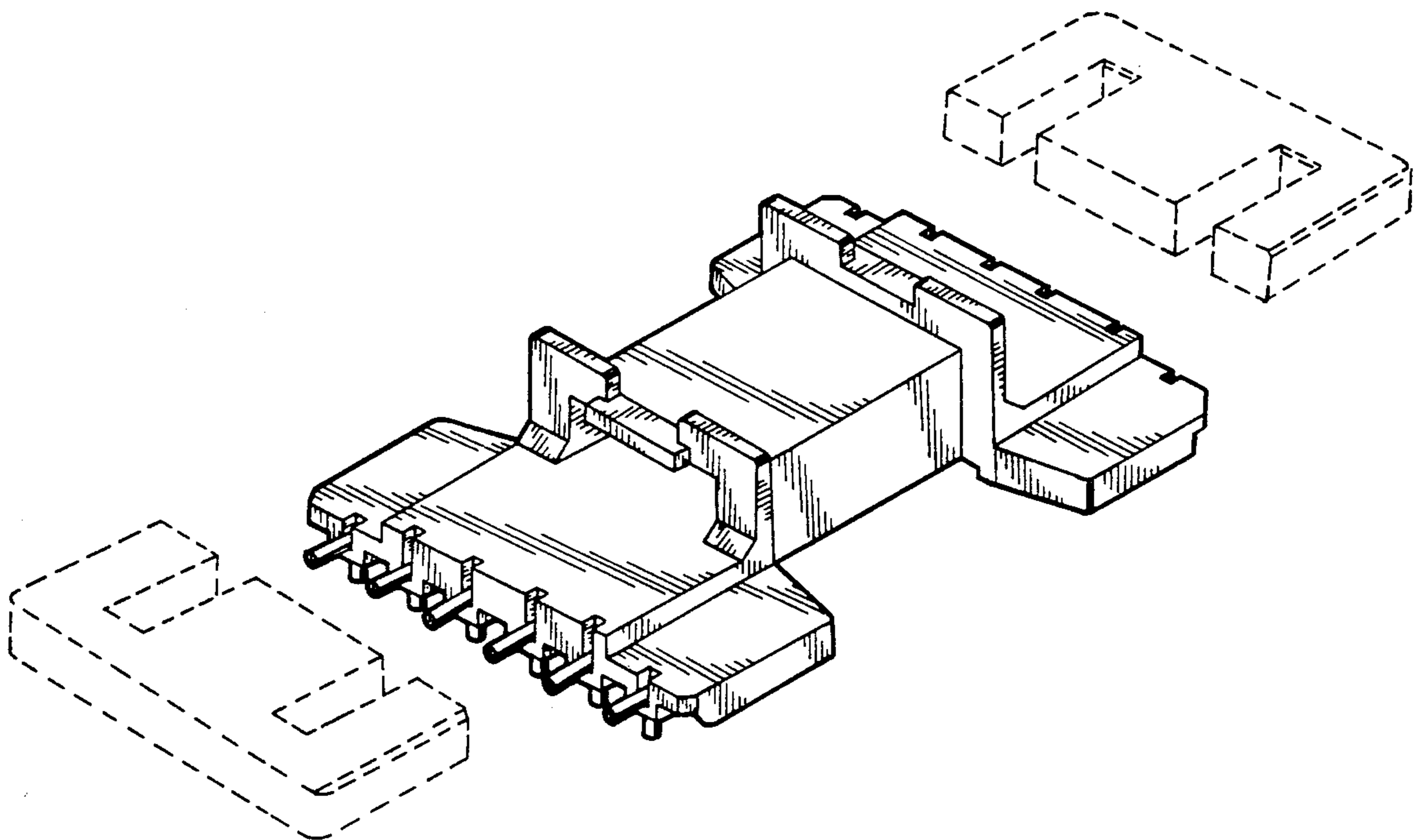
[52] U.S. Cl. **D13/118**

[58] Field of Search **D13/183; 336/65, 67, 336/192; 210/222, 223**

[56] References Cited

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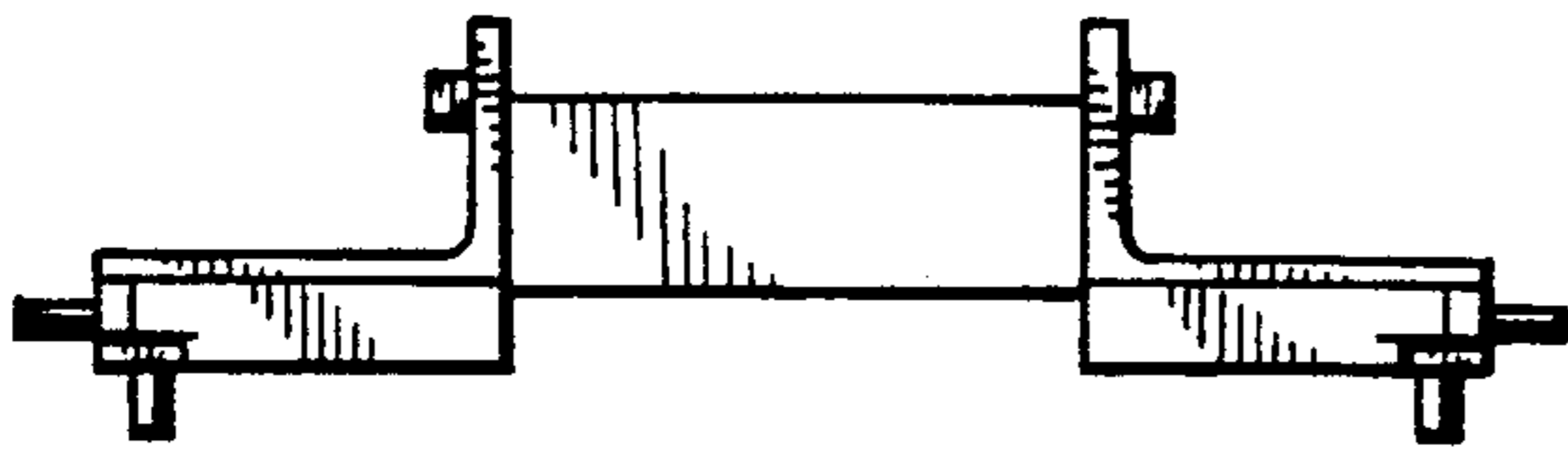


FIG. 1

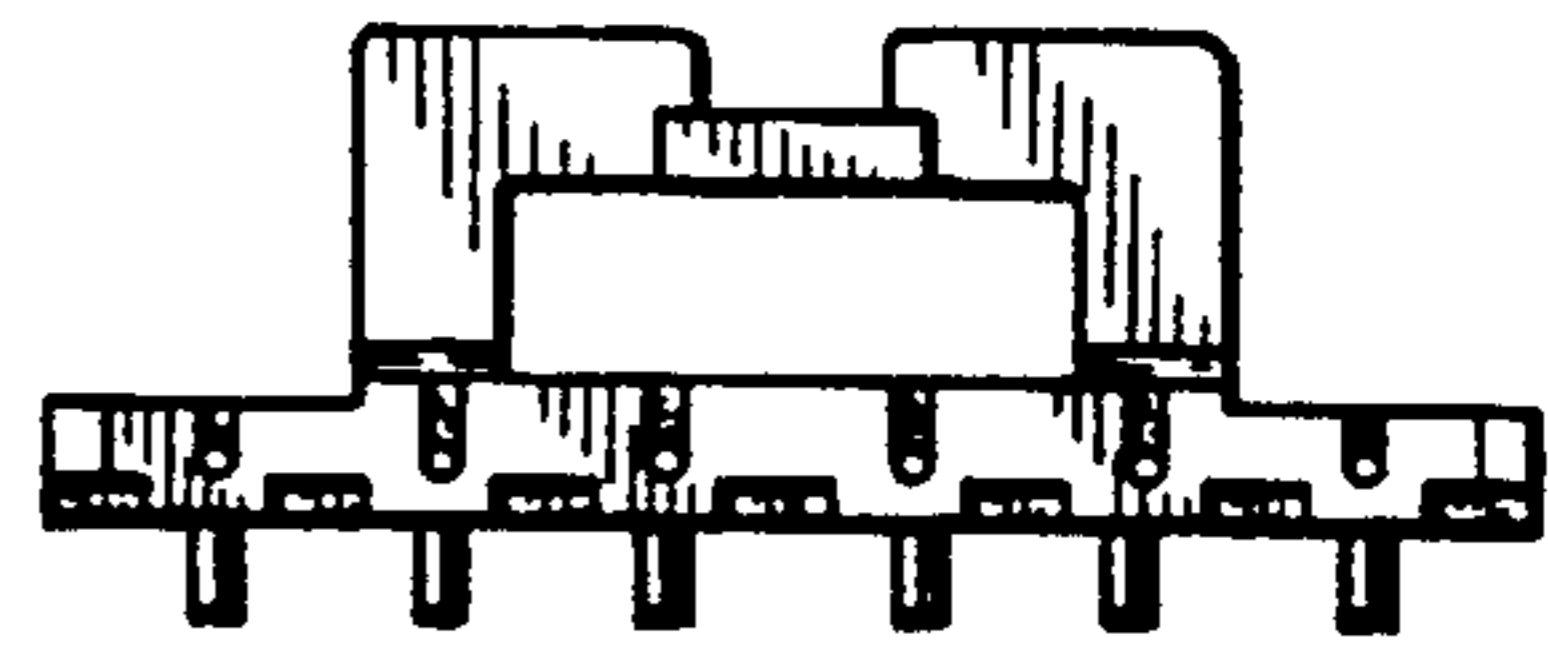


FIG. 2

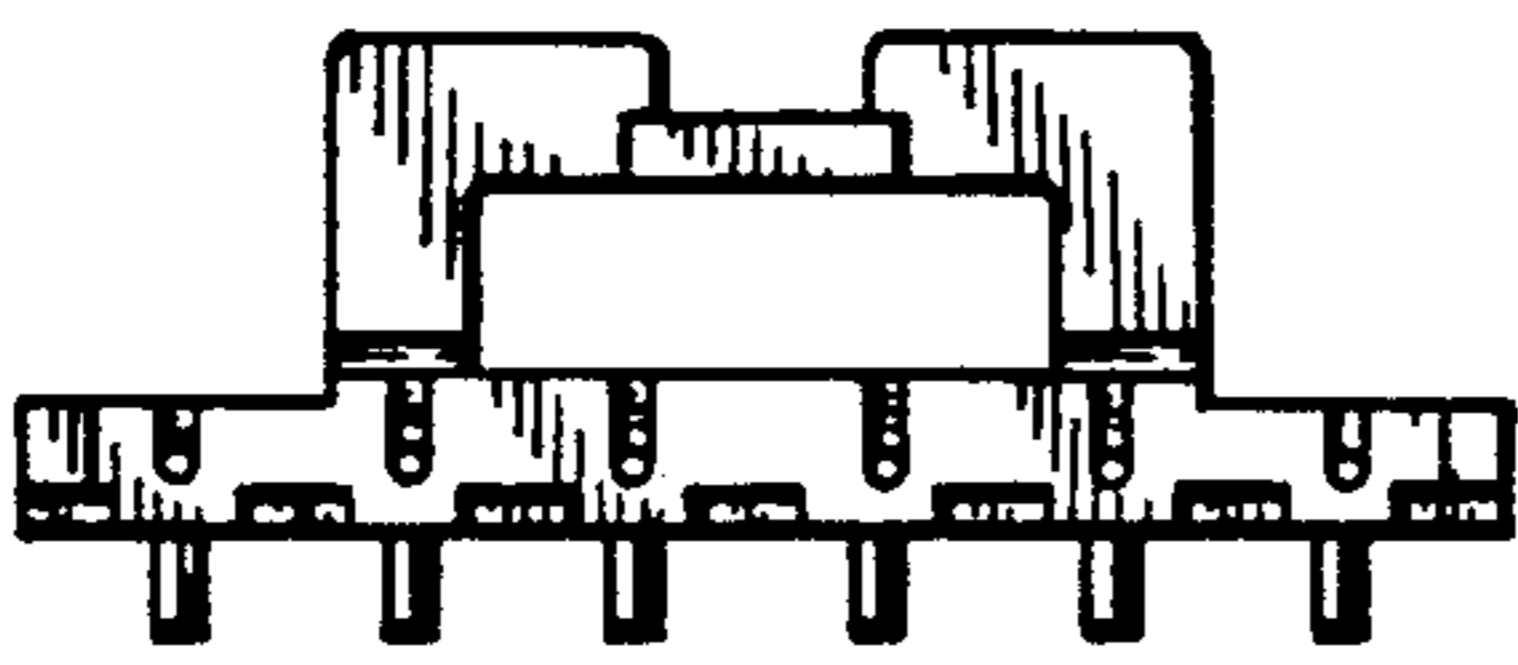


FIG. 3

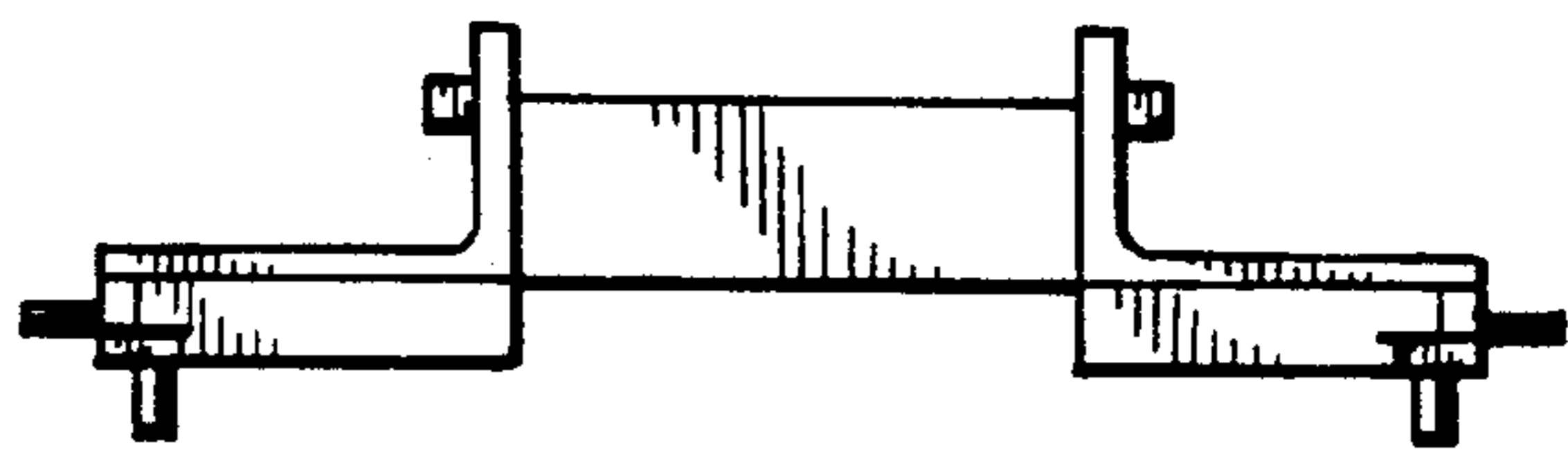


FIG. 4

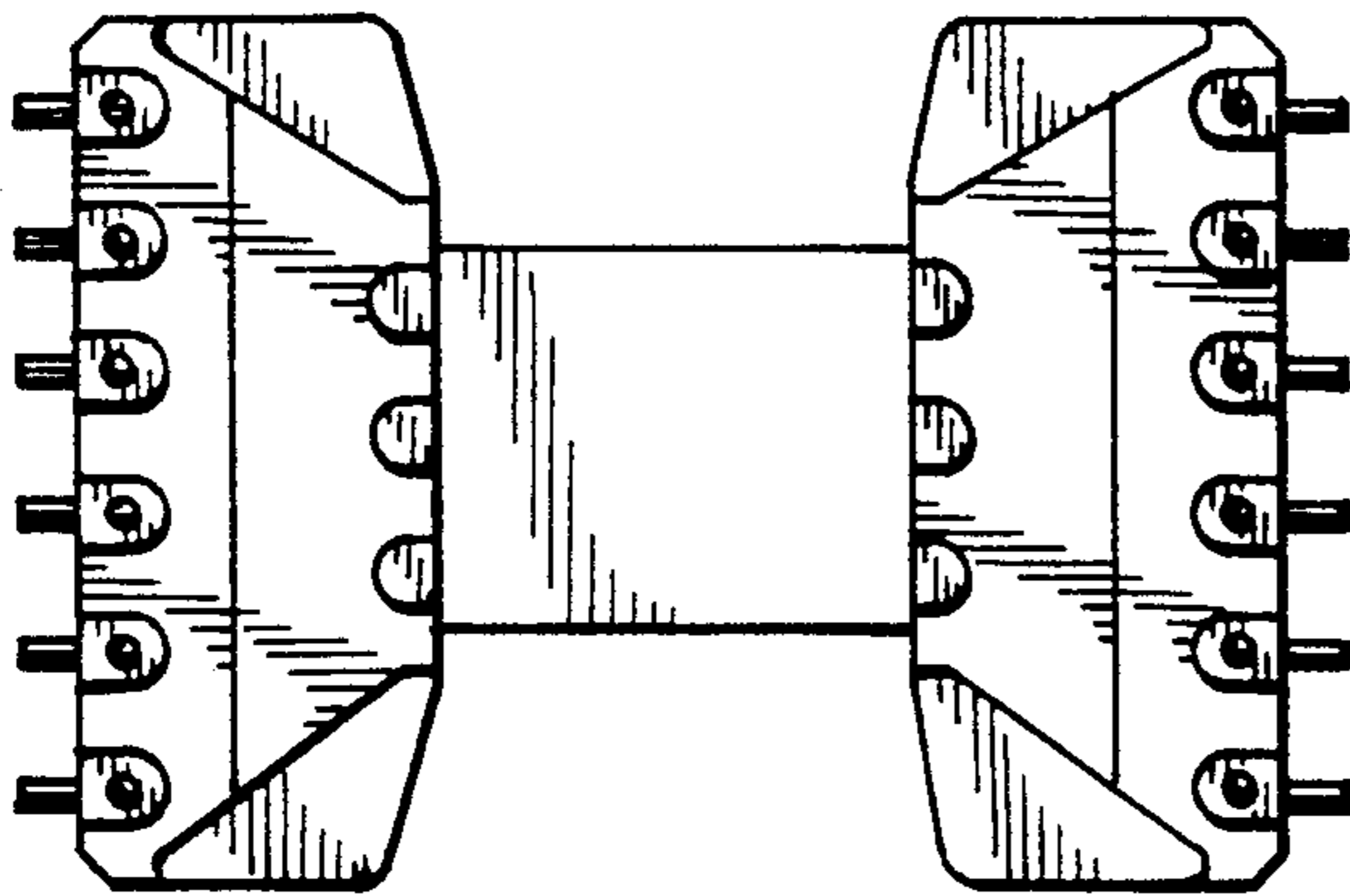
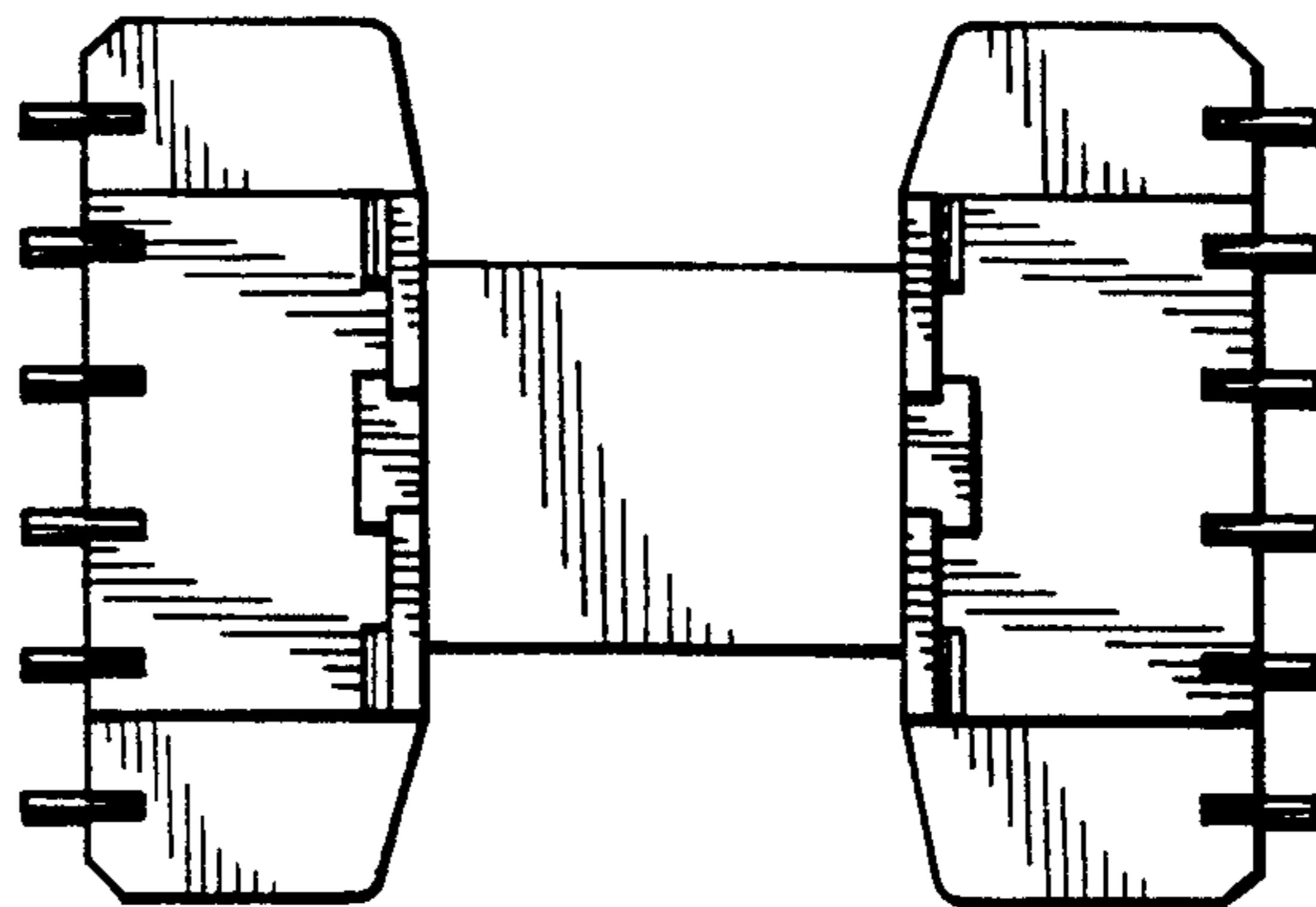


FIG. 5

FIG. 6



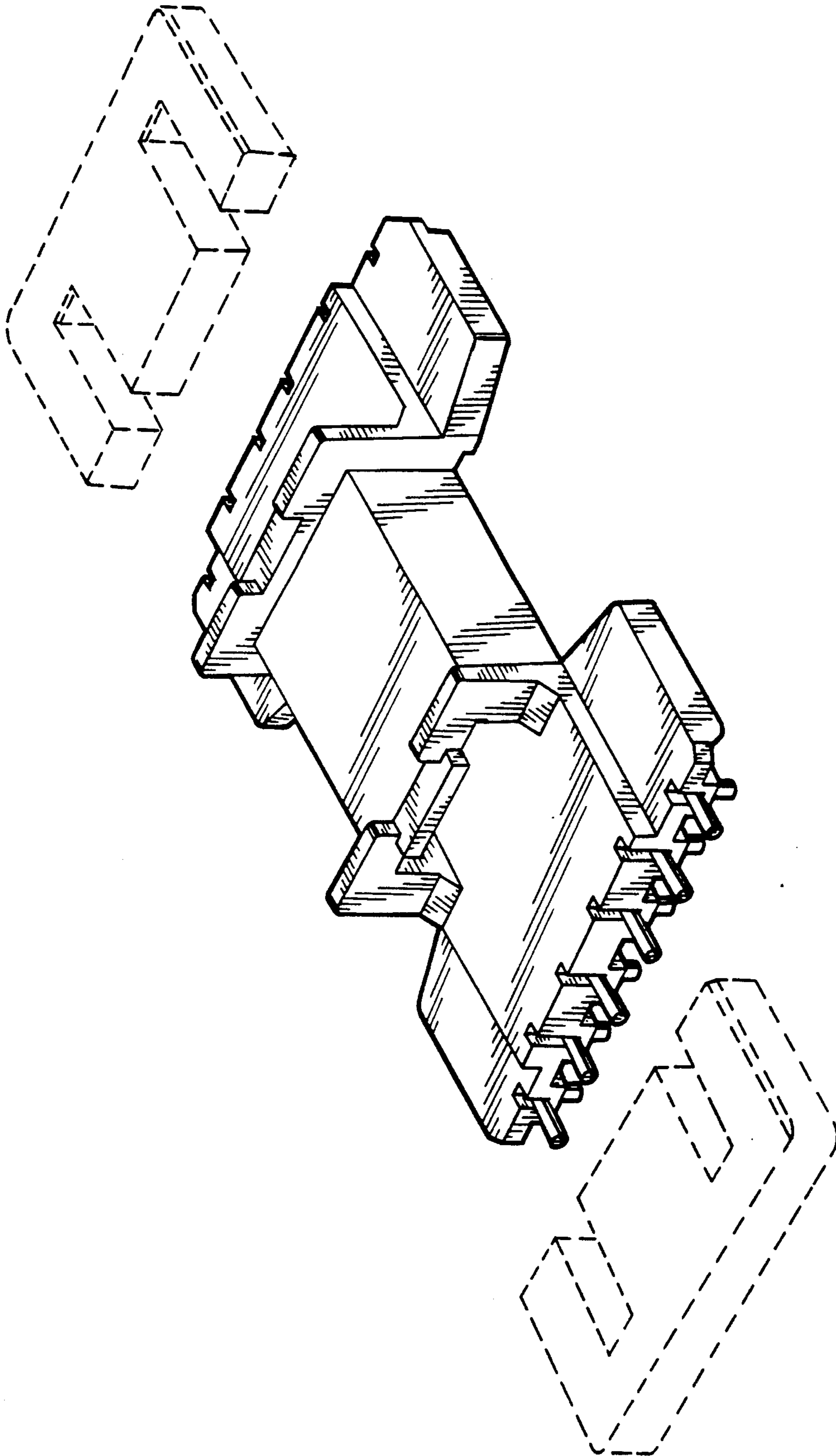


FIG. 7

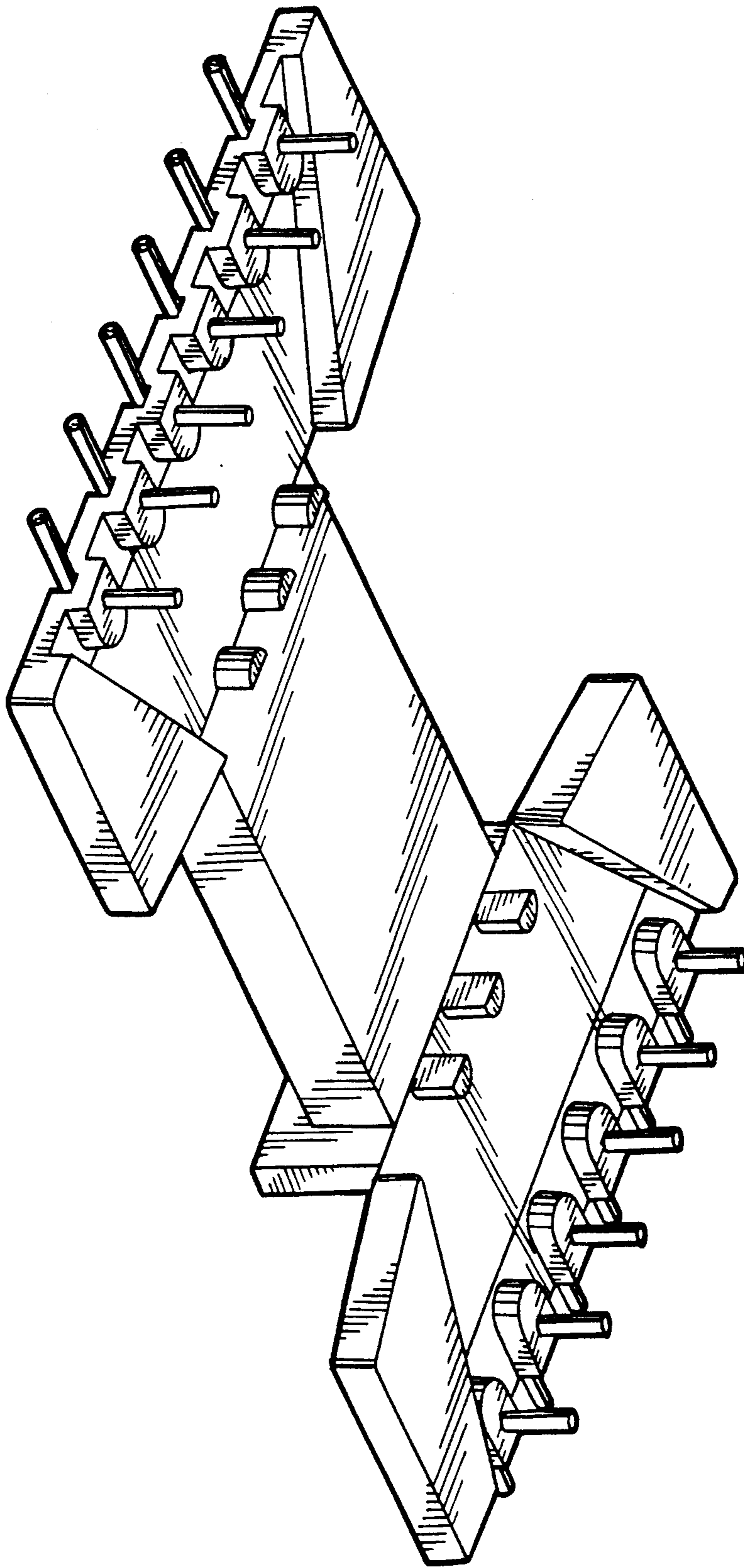


FIG. 8