

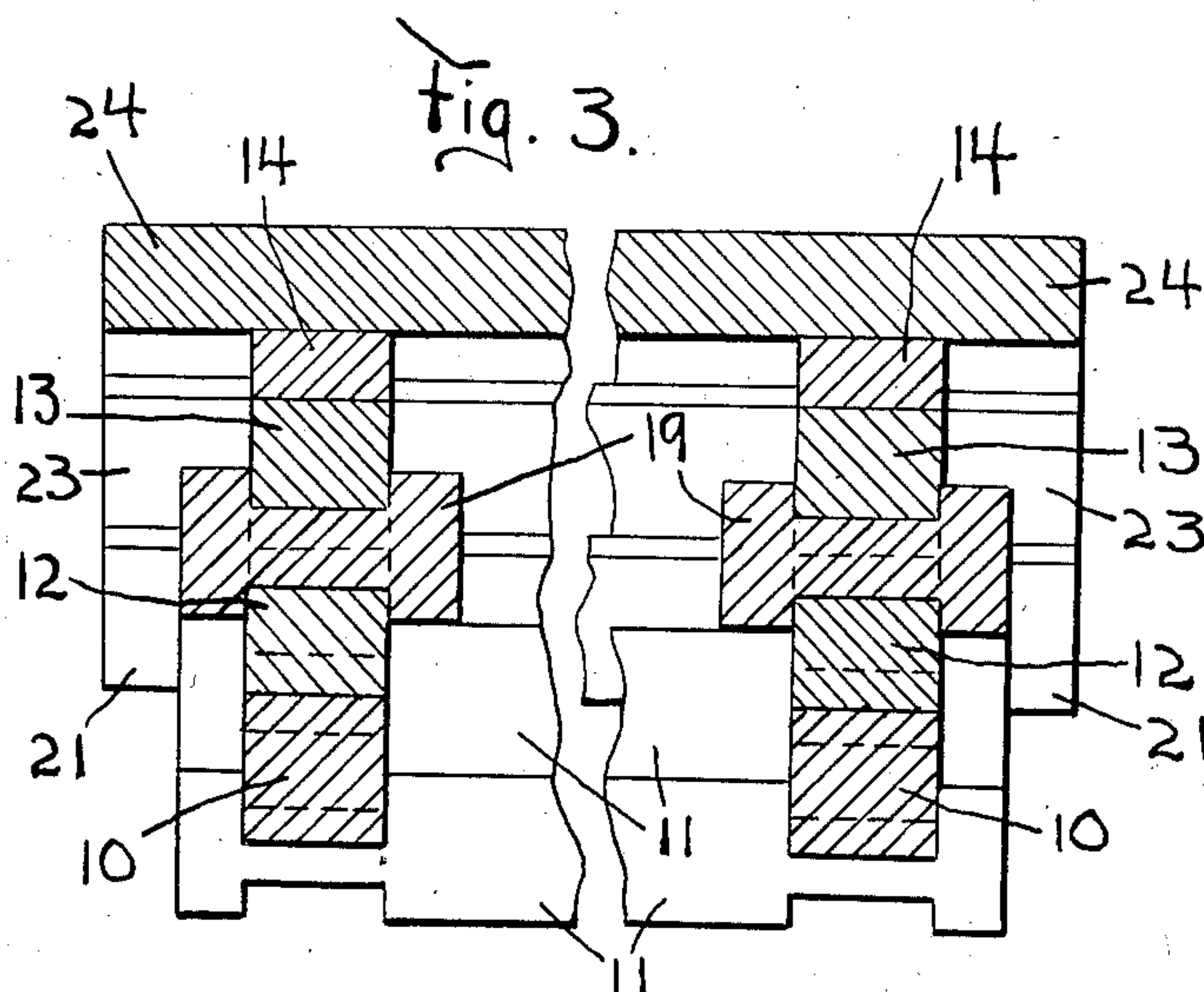
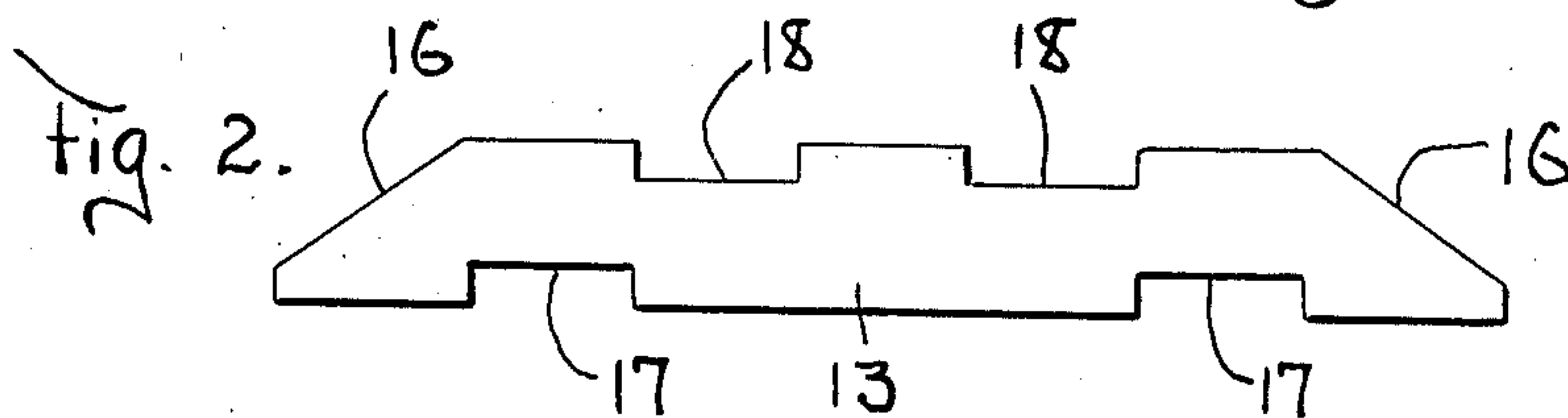
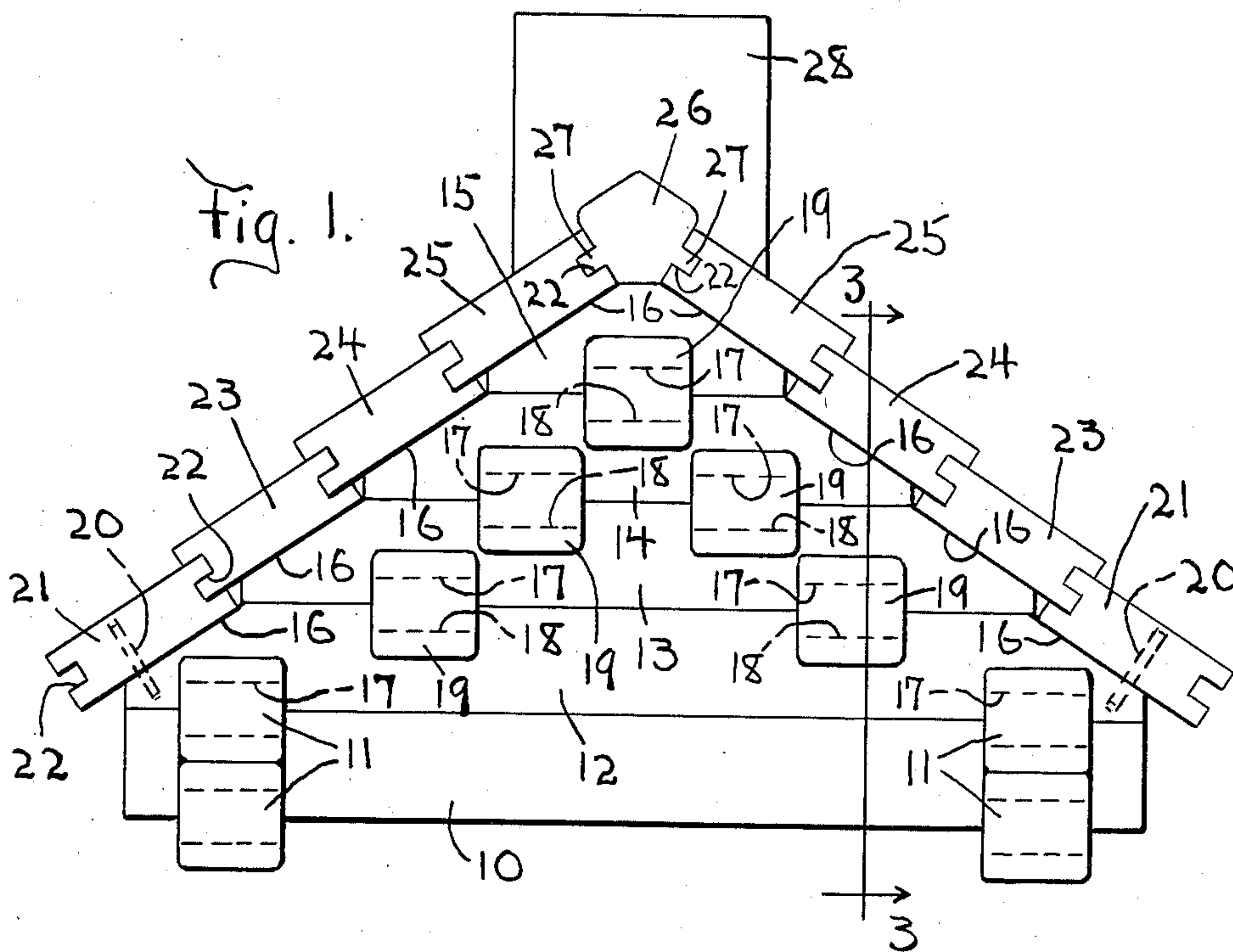
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**N. I. PAULSON**

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## ROOF AND GABLE CONSTRUCTION FOR TOY BUILDINGS

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Inventor,-  
Nils J. Paulson,  
By Trickett & Bush,  
Attorneys.



## UNITED STATES PATENT OFFICE

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## ROOF AND GABLE CONSTRUCTION FOR TOY BUILDINGS

Nils I. Paulson, Chicago, Ill., assignor to Halsam Products Company, Chicago, Ill., a corporation of Illinois

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6 Claims. (Cl. 46—20)

My invention relates to roof and gable constructions for toy buildings and has for its object the provision of a new and improved form and arrangement of parts making up such a construction, whereby the parts may be very readily and easily brought together into normal assembled form and again as readily taken apart ready for a new building operation, whereby the parts shall have such interfitting relation to each other as to give the structure a very realistic appearance in close resemblance of a full-sized log house.

It is another object of my invention to improve constructions of this type in sundry details hereinafter pointed out. The preferred means by which I have accomplished my several objects are illustrated in the accompanying drawing and are hereinafter specifically described.

That which I believe to be new and desire to cover by Letters Patent is set forth in the claims.

In the drawing,—

Fig. 1 is an end face view of the upper portion of a toy building illustrating my preferred form of gable and roof construction;

Fig. 2 is a side face view of one of the log members making up a part of the gable as shown in Fig. 1; and

Fig. 3 is a vertical cross sectional view taken at line 3—3 of Fig. 1.

Referring now to the several figures of the drawing, in which corresponding parts are indicated by the same reference characters, 10 indicates the end logs of a building construction, only one of which is shown in Fig. 1 of the drawing, such end logs having notched engagement with side logs 11 arranged in cross relation thereto, the logs 10 and 11 providing a rectangular enclosure forming the body of a toy building as will be readily understood.

Upon the topmost end log 10 at each end of the building, I have provided a series of gable logs 12, 13, 14 and 15 of successively shorter length as compared with each other. As is shown by reference to the end log 13 as illustrated in Fig. 2, each of the logs 12 and 13 is provided with a beveled face 16 at each end thereof and is provided further with notches 17 across its bottom face at each end and notches 18 thereacross at its top face. The log 14, as shown in Fig. 1, is similar in general to the logs 12 and 13 in that it is provided with the beveled end faces 16 and with two bottom notches 17 but is different from said logs in that it is provided with only a single notch 18 across its top face. The log 15 in turn is provided with only a single notch 17 across its bottom face and is unnotched at its top face.

As is clearly shown in Fig. 1, the several gable logs are held in centered position longitudinally with respect to each other by means of short log members 19 inserted in oppositely disposed notches 17 and 18 in the adjacent gable logs, the logs being of such relative length with respect to each other that the successive beveled end faces 16 are downwardly offset with respect to each other from the highest log 15 to the lowest log 12.

In the outer end portions of the lowest gable log 12 at each end of the building, I have provided obliquely disposed pins 20 which are removably mounted in suitable sockets in the log. Upon such pins 20 at opposite sides of the building, I have mounted roofing boards 21 so as to be supported by the logs 12 and said pins. As is clearly shown in Fig. 1, each of the roofing boards 21 is provided with a longitudinally extending groove 22 along each edge thereof, the width of the groove corresponding substantially to one-third of the thickness of the board. Successive roofing boards 23, 24 and 25, each likewise provided with grooves 22 in its edges, are mounted in position at each side of the building, each board having a tongue and groove engagement with the next lower board. The several roofing boards are made of such width with respect to the size of the beveled ends of the gable logs as to have the desired interfitting relationship as shown in Fig. 1 for providing a complete enclosure for the top of the body of the building, except for a narrow space at the peak of the roof. At this point, I have provided a ridge pole 26 having ribs 27 on its opposite side faces adapted to fit in the grooves 22 of the topmost boards 25 so as to complete the enclosure and to provide a rugged structure which can be very quickly and easily assembled and very quickly and easily taken apart as desired. Upon the ridge of the roof, I have provided a chimney block 28.

I have found in practice that my improved arrangement of blocks is very effective for building purposes, the building being very strong and rugged when completed and the arrangement being such as to be very attractive to a child for building purposes. It is to be understood that I prefer the form of arrangement just as shown in my drawing but that my invention is not to be limited thereto except so far as the claims may be so limited, it being understood that changes might well be made in the form and arrangement of parts without departing from my invention.

I claim:—

1. In a toy building construction, the combina-



tion of a series of log members having similarly beveled end faces extending downwardly and outwardly with the obliquely disposed end face of each log at each end offset downwardly with respect to the obliquely disposed end face of the next higher log.

2. In a toy building construction, the combination of two gable constructions at opposite ends of a building each comprising a series of log members having similarly beveled end faces extending downwardly and outwardly with the obliquely disposed end face of each log at each end offset downwardly with respect to the obliquely disposed end face of the next higher log, and roofing boards mounted on the obliquely disposed end portions of said logs for enclosing the space between said gable constructions.

3. In a toy building construction, the combination of two gable constructions at opposite ends of a building each comprising a series of log members having similarly beveled end faces extending downwardly and outwardly with the obliquely disposed end face of each log at each end offset downwardly with respect to the obliquely disposed end face of the next higher log, a roofing board secured on the obliquely disposed end portions of the bottom logs of said gable constructions, and other roofing boards on the obliquely disposed end portions of the remaining logs and supported from said first named board by engagement of the successive boards with each other along their edges.

4. In a toy building construction, the combination of two gable constructions at opposite ends of a building each comprising a series of log members having similarly beveled end faces extending downwardly and outwardly with the obliquely disposed end face of each log at each end offset

downwardly with respect to the obliquely disposed end face of the next higher log, and roofing boards mounted on the obliquely disposed end portions of said logs and having tongue and groove engagement with each other along their edges arranged in position conforming with the offset relation of said obliquely disposed end faces of the logs.

5. In a toy building construction, the combination of two gable constructions at opposite ends of a building each comprising a series of log members having similarly beveled end faces extending downwardly and outwardly with the obliquely disposed end face of each log at each end offset downwardly with respect to the obliquely disposed end face of the next higher log, and roofing boards mounted on the obliquely disposed end portions of said logs and each provided at each edge with a groove of a width corresponding substantially to one-third of the thickness of the board whereby the boards have tongue and groove engagement with each other along their edges.

6. In a toy building construction, the combination of a series of log members rising in successive tiers one above another to form similar gable constructions at opposite ends of the building and having similarly beveled end faces slanting downwardly and outwardly, means adapted by engagement with oppositely disposed notches in the adjoining faces of said logs to hold the logs in centered position transversely of the building, and roofing boards extending longitudinally of the building and each supported in oblique position by the beveled end faces of corresponding logs of said two gable structures, with the upper face of each board offset downwardly with respect to the upper face of the next higher board.

NILS I. PAULSON.