# Batchelor & Thomas.

9542X

## Constructing Houses.

Patented Mar. 30, 1836.

Fig. 1.

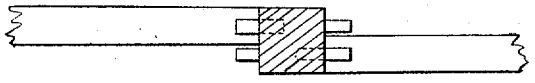


Fig. 2.

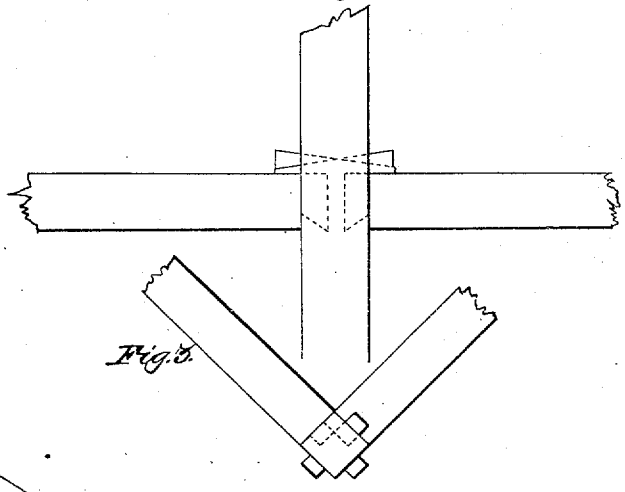
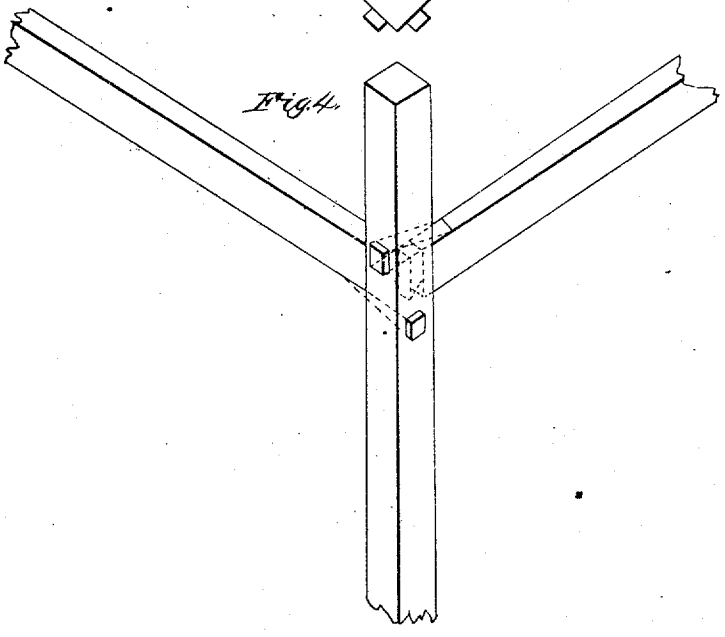


Fig. 3.

Fig. 4.



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3/30/1836 9542x

Mar. 30. 1836 35

Solomon C. Batcheler and Nelson H. Thomas of Watertown N.Y.

# Letters Patent

The Schedule referred to in these Letters Patent and making part of the same containing a description in the words of the said Solomon C. Batcheler and Nelson H. Thomas themselves of their improvement in forming joints in wood work.

To all to whom these presents shall come, Be it known that we Solomon C. Batcheler and Nelson H. Thomas of Watertown in the County of Jefferson and State of New York, have invented a new and useful improvement in forming joints in wood work such as Bedsteads, Machine frames &c whereby rails or other mortised horizontal pieces may be framed and secured at right angles on two or more sides into an upright post or the same kind, and that the following is a full and exact description thereof.

The tenon is formed by a dove tail on one edge the other edge being straight and on a line with the face of the timber or rail the shoulder on the dove tail edge should be of the dimensions of nearly half the diameter measure of the key which is to hold the tenon after it is inserted in the mortise, the mortise after being cut out of exactly the dimensions of the tenon is to have added to it the size of the key hole, which key hole is to be on the straight edge of the tenon and must be so cut as that the smallest end shall have half its dimensions or diameter broader below as the case may be) the flared edge of the tenon the whole being bored on such bevel as such bevel is to come out on the opposite side of the post in full dimensions above (or below as the case may be) the inner flared edge of the tenon. In order to frame the rails into a post at right angles the dove tail of the tenons is reversed, the mortises being in like manner reversed. The mortises will be cut till the key meet in the post and the length of the tenon made accordingly. The key hole should be bored before the mortise is cut. When rails enter a post opposite each other the tenons should be cut and so as to come

3/30/1836 9542X

358.

on opposite
Sides of an imaginary line in the foot. The joints are to be cleaned by Keys, the round Key plastered at one end so as to fill the hole above (or below) the Screw in the most preferable.

What we claim as new, is mentioned and not previously known in the above description is being able to frame and secure by means of Keys eight angled iron & where the rails or timbers are on the same level, whatever material made of wood. We also claim whatever variation in the same principle is involved

Dated Watertown N.Y. Dec 1835

Witness
Clark Rice
M. H. Gilbert

Solomon C. Batcheler
Nelson S. Thomas

(533 Words)

(Granted March 30. 1836.)