

N. G. NORTHUP.  
Joints for Sheathing.

No. 138,520.

Patented May 6, 1873.

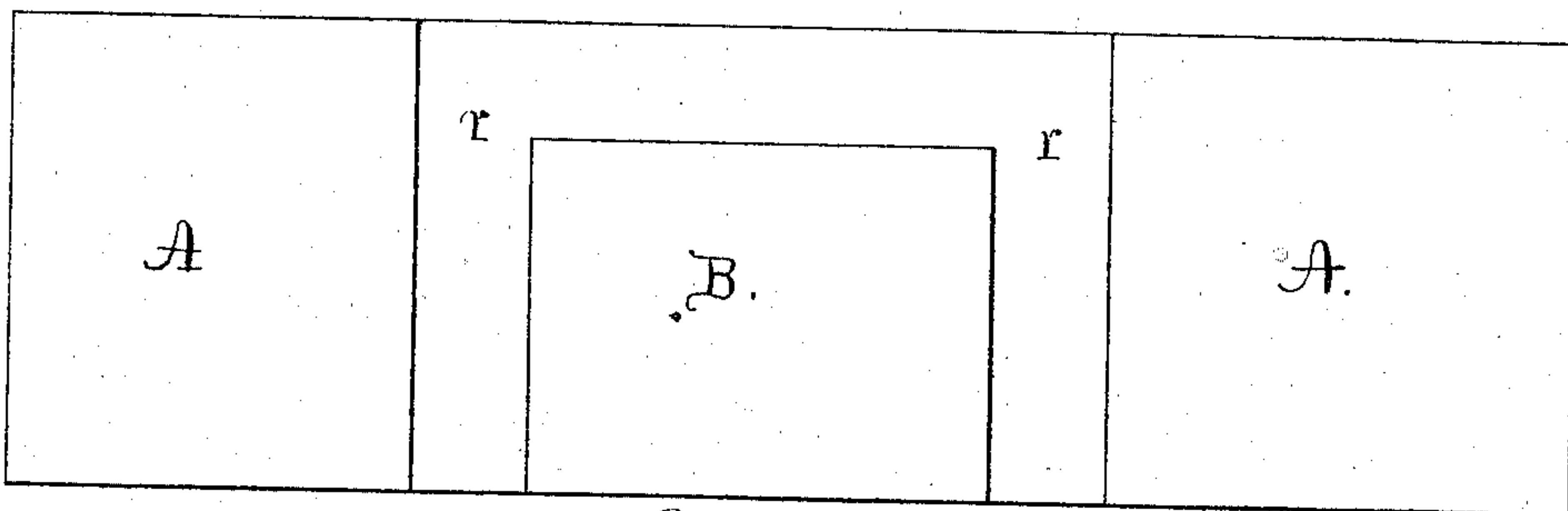


Figure 4.

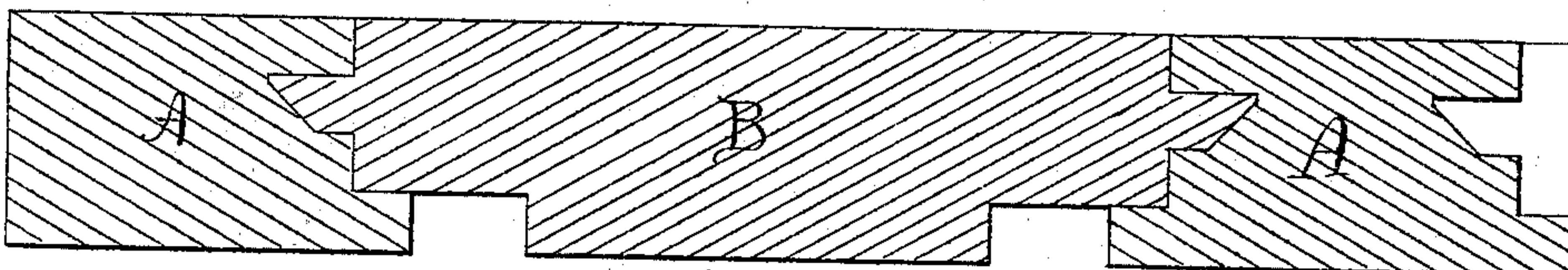


Figure 3.

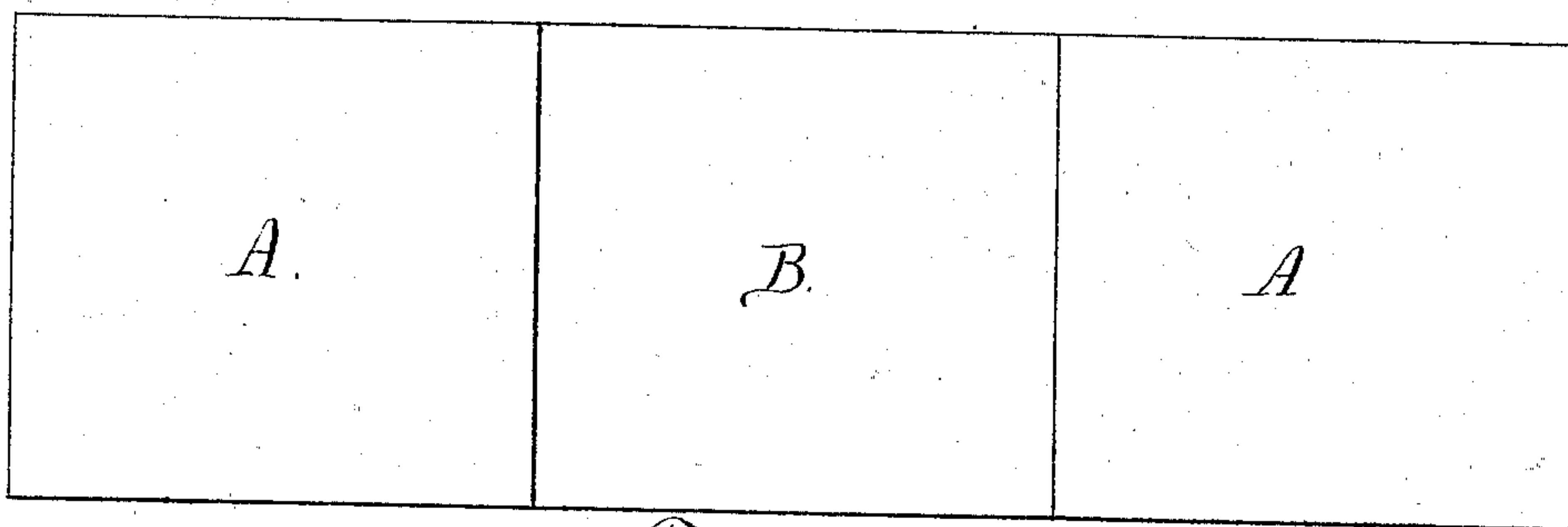


Figure 2.

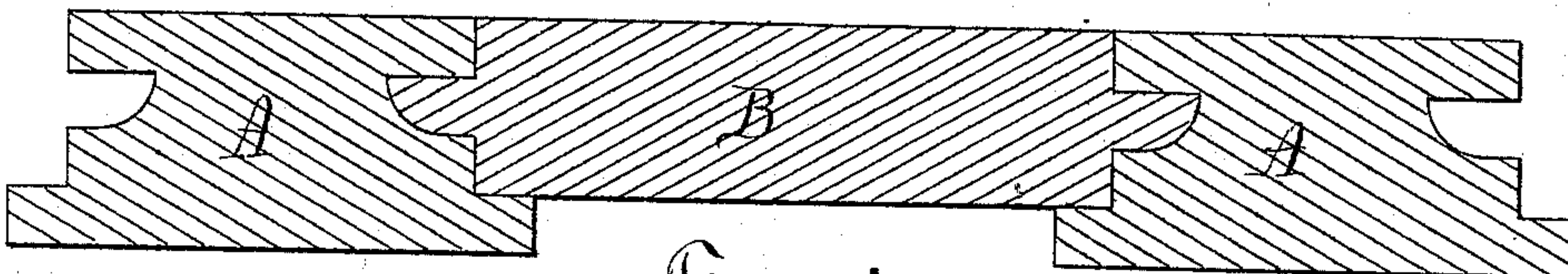


Figure 1.

Witnesses.  
W. R. Murray.  
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# UNITED STATES PATENT OFFICE.

NELSON G. NORTHUP, OF ST. PAUL, MINNESOTA.

## IMPROVEMENT IN JOINTS FOR SHEATHING.

Specification forming part of Letters Patent No. **138,520**, dated May 6, 1873; application filed March 29, 1873.

*To all whom it may concern:*

Be it known that I, NELSON G. NORTHUP, of St. Paul, in the county of Ramsey and State of Minnesota, have invented certain Improvements in Sheathing Houses, of which the following is a specification:

The object of my invention is to provide a more perfect method of joining upright sheathing than that ordinarily used, so that a house may be covered with a cheap, durable, and efficient protection from the weather, and one which is, at the same time, capable of being made ornamental.

Battened sheathing is well known, where the joints of wide boards are covered with narrow strips nailed from the outside, and they are apt to warp or split after a while, leaving openings to the weather. The same objection occurs where the sheathing is merely matched together with a tongue and groove.

I make my joint by grooving both edges of the board A, and forming upon it rabbets which lap upon the board B, the latter being tongued on both edges, thus covering the joint. The boards are "blind-nailed" to the studding in the usual manner, and are not liable to warp or shrink unevenly.

In the drawing, Figures 1 and 3 show sections of my joint, and Figs. 2 and 4 are elevations of the same, respectively.

I sometimes make the tongued board thinner than the other, as shown in Fig. 1, but sometimes rabbet the edges of it, as shown at *r r*, in Figs. 3 and 4, giving the effect of a raised panel; or, make the boards A narrower than the boards B, and produce the effect of battens.

My tongue and groove I make flat on the inner side and bevel or round them toward the outer, to facilitate putting the parts together without trouble.

I claim as my invention—

1. An upright sheathing, formed of the grooved and rabbeted board A and the tongued board B, when the rabbets lap upon the board B, all substantially as described.

2. A tongue and groove for joining boards made flat on the inner and beveled or rounded on the outer side, substantially as and for the purpose set forth.

NELSON G. NORTHUP.

Witnesses:

CHAS. F. SLEEPER,  
W. P. MURRAY.