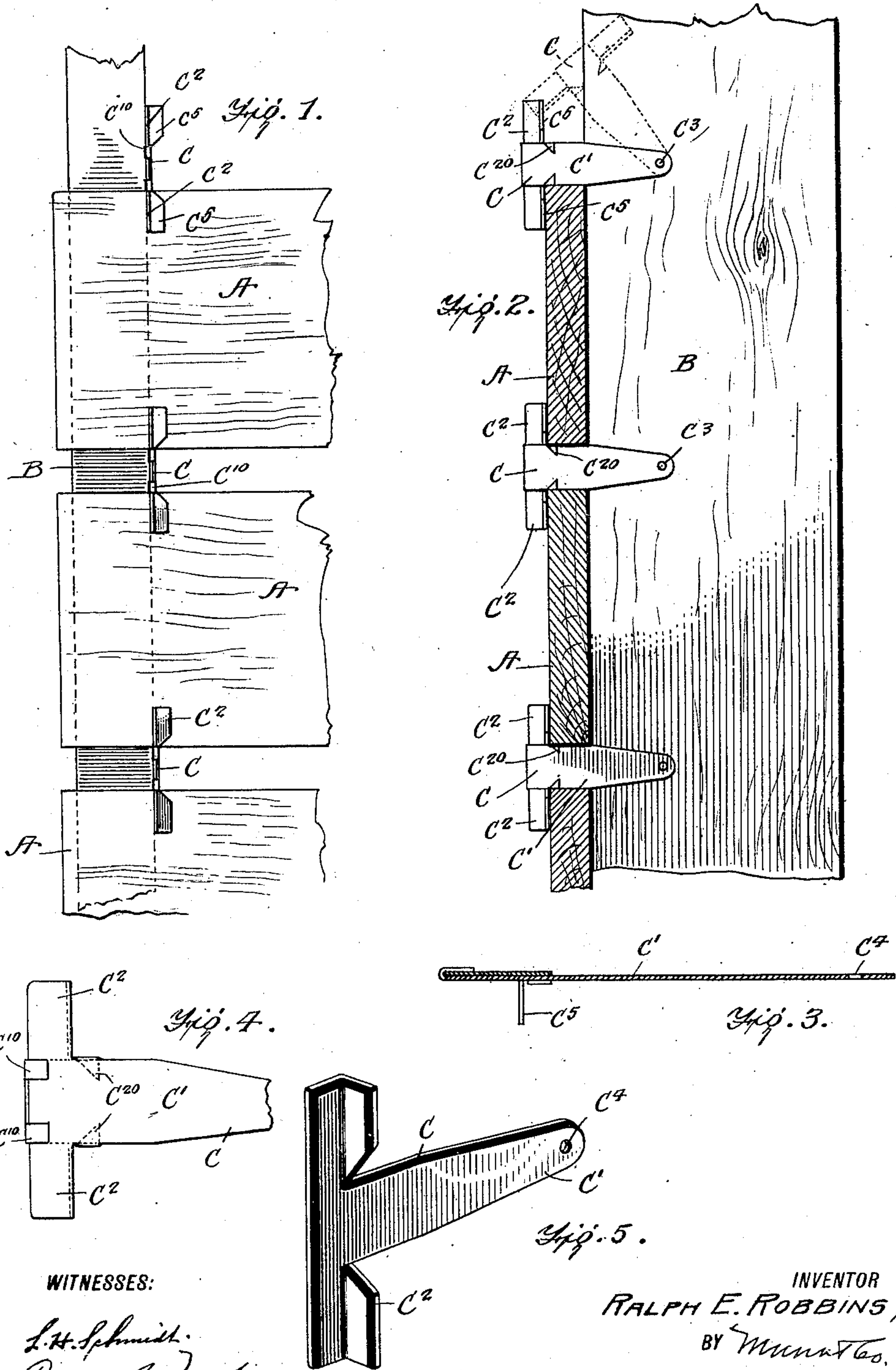


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ANCHOR BOARD FASTENER.  
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990,778.

Patented Apr. 25, 1911.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

RALPH E. ROBBINS, OF HASTINGS, IOWA.

## ANCHOR-BOARD FASTENER.

990,778.

Specification of Letters Patent. Patented Apr. 25, 1911.

Application filed October 19, 1910. Serial No. 587,848.

*To all whom it may concern:*

Be it known that I, RALPH E. ROBBINS, a citizen of the United States, and a resident of Hastings, in the county of Mills and State of Iowa, have invented certain new and useful Improvements in Anchor-Board Fasteners, of which the following is a specification.

This invention is an improvement in corn crib constructions, having for an object to provide a novel construction of what may for convenience of reference, be termed an anchor board fastener which will operate to space apart the adjacent boards or slats of the panel and will also operate to secure the said boards in connection with the framing; and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a side view of a portion of a corn crib embodying my invention. Fig. 2 is a vertical longitudinal section thereof. Fig. 3 is a detail section of one of the anchor board fasteners. Fig. 4 is a detail elevation of one of the holding devices taken from the opposite side from that shown in Fig. 2. Fig. 5 illustrates a somewhat different device within the broad principles of my invention.

The purpose of the invention is to provide a means to fasten and space apart the topmost boards or slats of the side walls or panels of a corn crib furnishing a substitute for the nails as ordinarily used.

In practice when the cribs are filled from a wagon with shovels, it is necessary at each filling to remove the topmost boards of the crib. As a result, the boards being frequently hastily and carelessly removed, are injured by the nails and in a short while become so badly mutilated as to be unfit for use. To avoid the expense of lumber, nails, etc. as well as to save time in removing and replacing the boards, I provide a novel form of holding device which is adjustably connected with the framing of the crib and engages with and secures the boards as well as spaces the same apart and which can be conveniently manipulated to permit the removal of the boards and their replacement whenever desired.

In the construction shown the boards A of the panels and the studding B of the framing may be of ordinary construction and the holders C may be of any suitable

metal or other material and are adjustably connected with the framing so they may be conveniently moved into and out of position to engage with the boards A, this being indicated in dotted lines in Fig. 2.

As shown, the holders comprise a body portion C' and arms C<sup>2</sup> at the outer ends thereof and adapted to overlap the edges of adjacent boards, the body portion C' extending between such edges and spacing the boards apart as is desired in this class of construction.

In placing the boards, the holders may be thrown up as indicated in dotted lines, Fig. 2, and the boards applied and the holders be then readjusted to secure the boards. Preferably the holders are formed with two arms C<sup>2</sup> projecting in opposite directions at the outer ends of the body C' and at a right angel thereto so each holder may be operated to secure the adjacent edges of two boards.

In constructing the holders, they may be made of a single plate of metal as shown in Fig. 5, if so desired, but I have shown the holders composed of two sections, the body portion forming one section and the arms C<sup>2</sup> a second section and secured to the body portion by bending lugs C<sup>10</sup> on the body portion along the outer edges of the plate forming the arms C<sup>2</sup> and by bending lugs C<sup>12</sup> from the part forming the arms C<sup>2</sup> over the sides of the body portion C', the said sections being thus formed each with parts bent into connection with the other section in such manner as to interlock the sections and form practically a rigid whole. This construction can be easily made and will be found economical in producing the complete holder.

It will be understood that the body portion has means engaging with the part carrying the arms and the armed part forms practically a T-shaped head which is secured to the other end of the body portion by the interlocking means as shown in the drawing and more fully described hereinbefore.

In practice, the body portions C are pivoted at their inner ends at C<sup>3</sup> by means of a nail or the like driven through an opening C<sup>4</sup> in the body C' of the holder, thus adapting the holder to be applied for use as will be understood from Figs. 2 and 3 of the drawing.

As shown, it is preferred to form the arms



C<sup>2</sup> with wings C<sup>5</sup> which rest flat against the boards and avoid any biting of the edges of the boards into the arms which might interfere with the convenient removal and replacement of the boards in the use of the invention.

I claim:

1. A holder substantially as described composed of a body section and an end section crossing the same at an angle and projecting to form arms, said sections each having means overlapping the other section, whereby the sections are held in interlocked relation, substantially as set forth.

2. In a crib construction, panel holding means consisting of a body portion having engaging means at the outer end thereof and a T-shaped head having means on one arm of the T for engaging the head of the body.

3. In a crib construction, panel holding means consisting of a body portion having engaging means at the outer end thereof and a T-shaped head having means on one arm of the T for engaging the body, the latter having means for engaging the head of the body, said T-shaped member having angularly disposed wings adapted to engage the face of said boards.

4. A holder for use in crib construction, composed of a body section, a separate end section crossing the body section at an angle and projecting to form arms and means for securing the end section to the body section, substantially as set forth.

RALPH E. ROBBINS.

Witnesses:

W. C. WHITNALL,  
F. A. ROBBINS.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."

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