

(No Model.)

J. S. TROUT.
BARN DOOR FASTENER.

No. 347,748.

Patented Aug. 17, 1886.

Fig. 1.

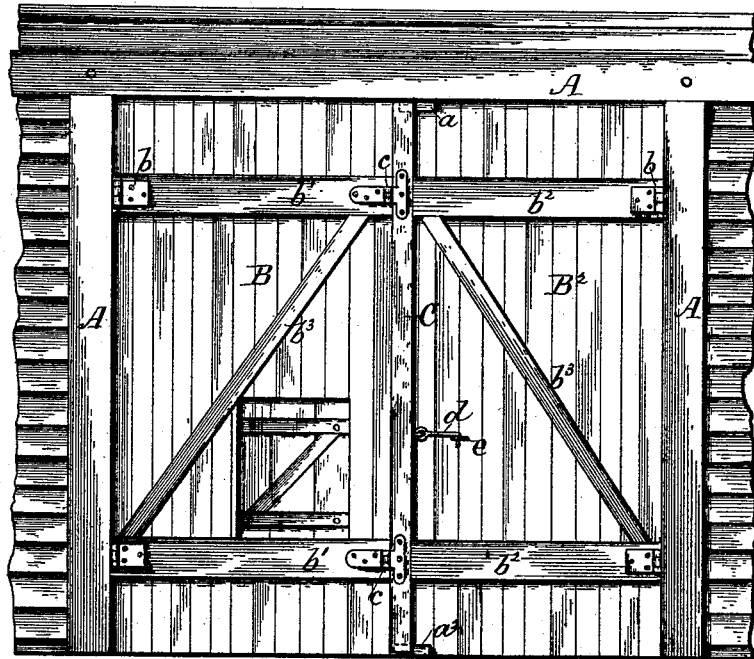
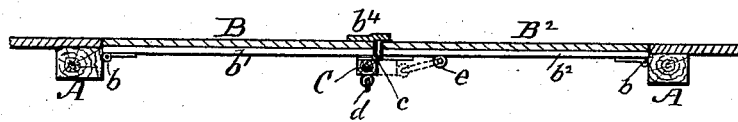


Fig. 2.



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UNITED STATES PATENT OFFICE.

JACOB S. TROUT, OF LANDISVILLE, PENNSYLVANIA.

BARN-DOOR FASTENER.

SPECIFICATION forming part of Letters Patent No. 347,748, dated August 17, 1886.

Application filed May 15, 1886. Serial No. 202,297. (No model.)

To all whom it may concern:

Be it known that I, JACOB S. TROUT a citizen of the United States, residing at Landisville, in the county of Lancaster, State of Pennsylvania, have invented certain new and useful Improvements in Barn-Door Fasteners, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in devices for fastening a pair of doors together; and the objects of my improvement are to secure the doors equally at the top and bottom and along their edge to hold them firmly together, and also to dispense with the easily-broken swinging pole often used on barn-doors. I attain these objects by the construction illustrated in the accompanying drawings in which—

Figure 1 represents the interior of a portion of a barn adjacent to its doors and the latter closed and fastened together in accordance with my invention. Fig. 2 is a horizontal section of the same, showing the doors closed, but unfastened in full lines, and also fastened by the retaining pole and hook, shown in dotted lines.

In said drawings, A represents a portion of the frame of a barn forming the door-opening thereof. To the uprights of said frame are hinged at *b*, the doors B and B², constructed, as usual, of boards secured together by battens *b'* and *b''*, to which the hinges *b* are preferably secured. They also have the diagonal braces *b³*, to prevent sagging of said doors.

To secure the doors together and to the frame of the barn, a pole, C, preferably square in cross-section, is connected with the door B by hinges *c*, preferably secured to the battens *b'* of said door, so that said pole can be swung against the door B² to secure the whole edges of the doors together, as shown in Fig. 1 and in dotted lines in Fig. 2, or swung back against its supporting-door B, as shown in full lines in

Fig. 2, when the doors are to be opened. When the pole is swung outwardly to secure the doors together, the upper end of said pole bears against a small block, *a*, pendent from the upper beam of the door-frame, and the lower end of the pole bears against a similar block, *a'*, projecting from the sill of the barn or from the ground upon which it is built.

In place of the latter block, *a'*, the lower end of the pole may carry a vertically-sliding bolt to enter a perforation in the sill, and said bolt may be the only fastening needed to retain the door B or both doors closed; but I prefer to use a hook, *d*, pivoted to a staple driven in the side of the pole and having its hooked end engaging with another staple, *e*, driven in the doors B². In place of the hook *d* a hasp may be used with a padlock or any other suitable lock. If it is desired to form a close joint between the doors, a vertical cleat, as *b⁴*, may be secured along the edge of the door B, on the outside thereof.

Having now fully described my invention, I claim—

1. In combination with a door-frame having a pendent stop, *a*, and a door, B², the door B, having hinged thereto the vertical pole C, the upper end of which is adapted to engage with the stop *a* and to bear against the vertical edge of the door B², substantially as and for the purpose described.

2. The combination of the door-frame having stops at the top and bottom, and the door B², having staple *e*, with the door B, having hinged thereto the vertical pole C, and the hook *d*, pivoted to said pole, substantially as and for the purpose described.

In testimony whereof I affix my signature in presence of two witnesses.

JAC. S. TROUT.

Witnesses:

JNO. C. LONG,
CHAS. E. LONG.