

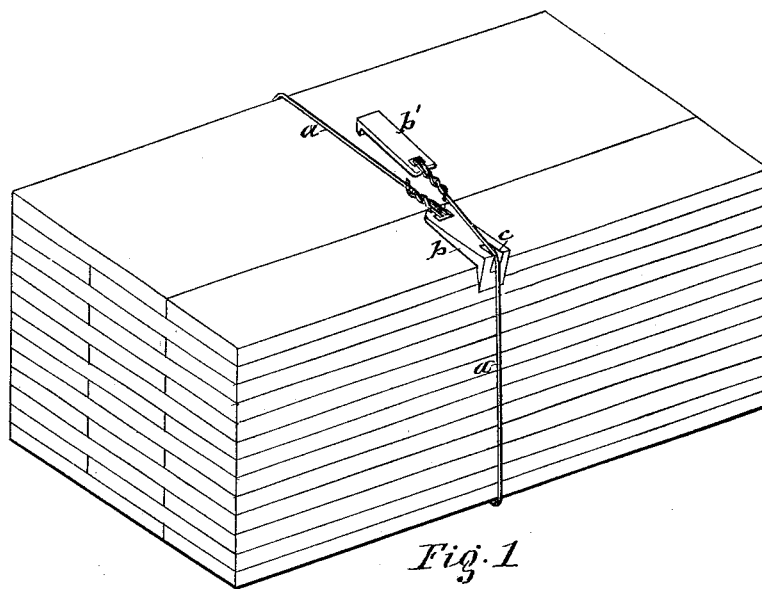
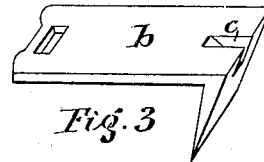
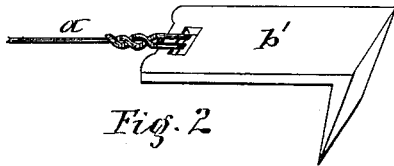
(No Model.)

F. A. EMERICK.

SHOOK BINDER.

No. 348,197.

Patented Aug. 31, 1886.



WITNESSES:  
H. F. Walz,  
J. H. Esler

INVENTOR:  
Fred A. Emerick  
per Duell, Lasswell,  
Attys

# UNITED STATES PATENT OFFICE.

FRED A. EMERICK, OF FULTON, NEW YORK.

## SHOOK-BINDER.

SPECIFICATION forming part of Letters Patent No. 348,197, dated August 31, 1886.

Application filed April 14, 1886. Serial No. 198,802. (No model.)

*To all whom it may concern:*

Be it known that I, FRED A. EMERICK, of Fulton, in the county of Oswego, in the State of New York, have invented new and useful  
5 Improvements in Shook-Binders, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of bind-  
10 ers employed for retaining in compact form bundles or packages of boards cut of proper size to form boxes and usually designated "shooks." These shocks have hitherto been bound simply by strings or wires passed around  
15 the shocks and united at the ends, and such strings or wires were generally wasted after having once been used.

The object of this invention is to obviate this waste, and also to provide a binder which  
20 shall be adapted to be applied to the shook in a more convenient and more expeditious manner, and capable of being used repeatedly; and to that end my invention consists, chiefly, of a band or wire adapted to encompass the  
25 shook, and hooks on the ends of said band or wire adapted to be fastened independently of each other to different parts of the shook, as hereinafter more fully described, and specifically set forth in the claims.

30 In the accompanying drawings, Figure 1 illustrates the application of my invention to a shook, and Figs. 2 and 3 are detached perspective views of the hooks by which the binder is secured to the shook.

35 *a* represents a metal band or wire, preferably the latter, which is of proper length to encompass the shook. To one end of this band or wire is connected a hook, *b*, preferably formed of a flat bar bent to hook shape,  
40 so as to provide it with a broad face which obviates injury to the board on which it is to receive its hold when applied to the shook. This hook is provided in the corner of its top with a notch or crease, *c*, for the purpose hereinafter explained. *b'* is another similar hook  
45 attached to the opposite end of the band or wire *a*. The attachment of the said hooks to the wire I prefer to make by providing the shank of the hook with a transverse slot, and  
50 passing the wire through said slot and winding it two or more times around the portion back of the slot, and then tying the end of the wire around the wire back of the hook.

The free edge of the hook *b'*, I sharpen to a chisel-point, so as to permit of driving it into 55 a portion of the shook.

In applying my improved binder to the shook, I place the hook *b* on one edge of the shook, then pass the wire around the shook, so as to perfectly encompass it, and then fasten 60 the other hook, *b'*, by driving the chisel-pointed portion into one of the boards of the shook. In applying the wire to the shook, as aforesaid, I pass it through the notch or crease *c* of the hook *b*, and thereby securely hold said 65 hook in its engagement on the shook, and also effectually prevent the lateral shifting of the wire.

It will be observed that the hooks *b b'* are much more easily and expeditiously secured 70 to the shook than a cord, string, or wire can be drawn around the shook and tied. Furthermore, my improved binder can be readily removed from the shook when desired, and this is accomplished without injury to the binder, 75 leaving it in condition for future use.

Having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A shook-binder consisting of a band or 8c wire adapted to encompass the shook, a broad-faced hook on one end of said band or wire adapted to engage the corner of the shook, and a chisel-pointed hook on the opposite end 85 of said band or wire adapted to be driven into a portion of the shook, substantially as described and shown.

2. The improved shook-binder consisting of a band or wire, a hook attached to one end thereof and adapted to engage one of the edges 90 of the shook and provided in its upper corner with a crease or notch for the reception of the band or wire after it has passed around the shook, and a hook on the opposite end of the band or wire and adapted to be fastened 95 to a portion of the shook, substantially as described and shown.

In testimony whereof I have signed my name and affixed my seal, in the presence of two attesting witnesses, at Fulton, in the county of 10c Oswego, in the State of New York, this 10th day of April, 1886.

FRED A. EMERICK. [L. S.]

Witnesses:

J. J. BARRETT,  
PAGE LEE.