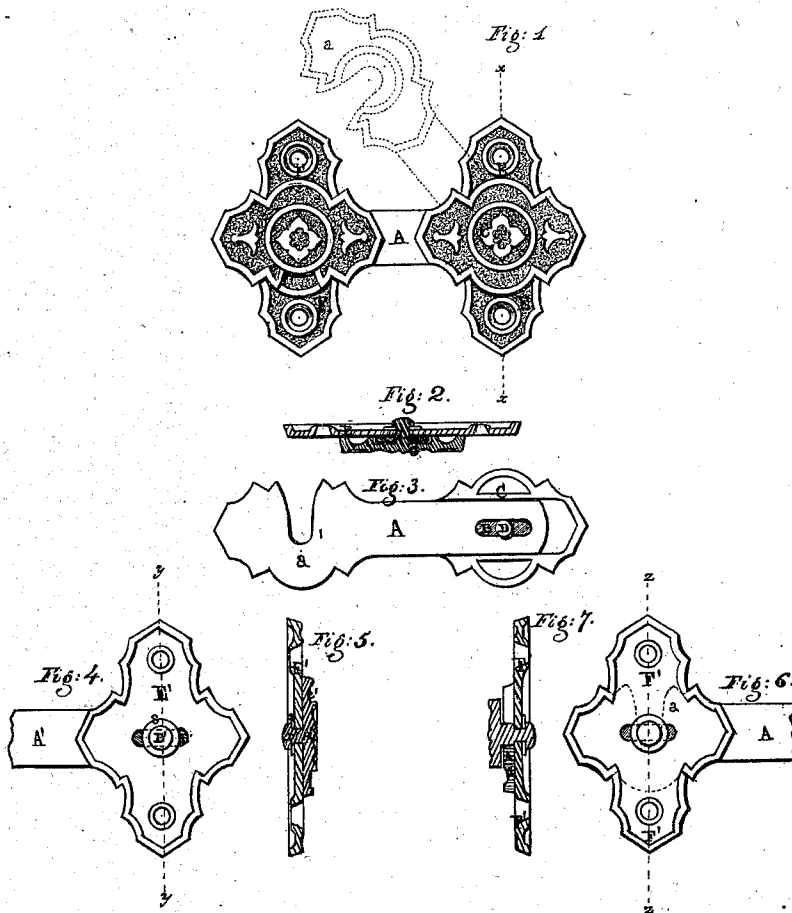


J. B. Field,

Shutter Fastener.

No. 103316.

Patented May 21, 1870.



ATTEST

*H. H. Young*

INVENTOR

*J. Bentley Field*

*By David A. Burr*  
Atty.

# United States Patent Office.

JOHN BENTLEY FIELD, OF DETROIT, MICHIGAN.

Letters Patent No. 103,316, dated May 24, 1870.

## IMPROVEMENT IN SHUTTER-FASTENERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, JOHN BENTLEY FIELD, of Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in the Construction of Shutter-bar Fastenings, of which the following is a specification.

My invention relates to the combination of a cap-plate to embrace and cover the pivot end of the hook-bar of a shutter-fastener with said bar and with a fastening-plate on the under side thereof, said cap-plate being secured upon the bar and fastening-plate by means of a rivet projecting centrally from, or a screw passing centrally through said cap-plate, and extending through a longitudinal slot in the hook, to be secured in the fastening-plate back of the same by screwing thereinto, or by being riveted or upset on its under side, or fastened there by a nut.

The object of my said invention is to afford greater support to the pivoted end of the hook-bar, and thus strengthen it against being bent or elongated when the shutter is in any manner forced, and at the same time neatly cover and conceal the same and make a more perfect finish for the complete article.

Figure 1 is a front elevation of one form of my improved shutter-bar fastening complete;

Figure 2 a vertical section in the line  $x x$  of fig. 1; and

Figure 3, a rear or under view of the hook-bar and its front cap-plate, the under fastening-plate being removed to disclose the end of the hook-bar.

Figure 4 is a view of the rear face of a fastening-plate with a hook pivoted thereto, illustrating a mod-

ification in the arrangement and combination of the pivot-pin, the outer cap-plate of fig. 1 being dispensed with.

A is the bar of the fastener,  $a$  being the hook formed at one end thereof.

The opposite end is provided with a longitudinal slot, B, fig. 3, to receive the pivot-pin upon which the bar turns.

C, figs. 1 and 2, is an outer cap-plate made to cover and partially inclose the pivoted end of the bar, as shown in fig. 2, and conceal the slot therein.

I am aware that a compensating device for securing shutters, &c., consisting of a compensating spring, combined with a slotted hook-bar, has heretofore been used and described, and that a hook-bar slotted as herein described, to allow a compensating movement thereof, is not new; hence I do not claim said device broadly; but

I claim as my invention—

A hook-bar, provided with an extended slot, when arranged to embrace and turn upon a pivot, which, projecting centrally from an outer covering or cap-plate, serves to connect and pivot said cap-plate to the under fastening or bed-plate, by which the device is secured to the shutter, all substantially as and for the purpose herein set forth.

J. BENTLEY FIELD.

Witnesses:

DOUELL DEE RINDEN,  
CHAS. B. JAMES.