

W. H. Burridge,

Sash Fastener.

N^o 45,223.

Patented Nov. 29, 1864.

Fig 2.

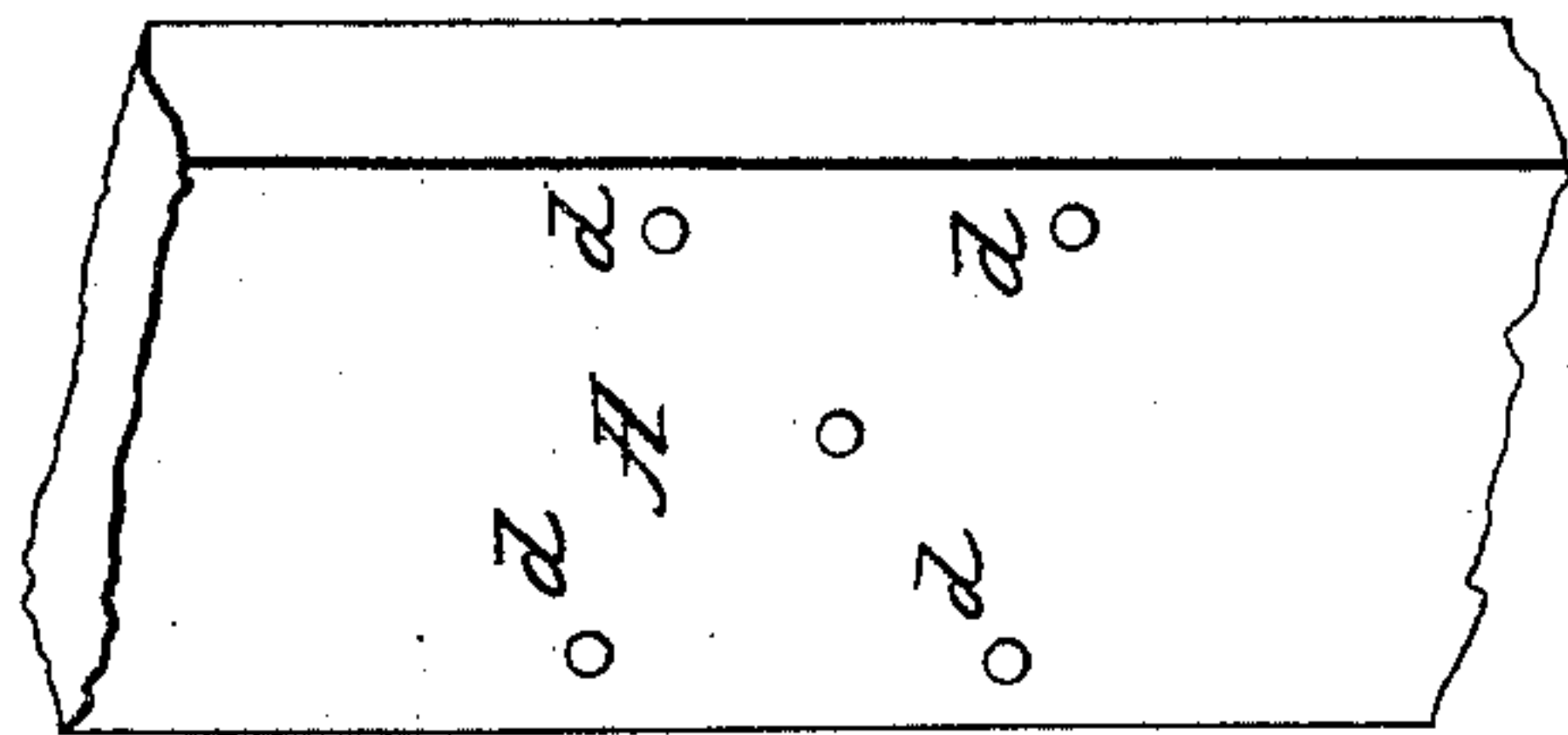


Fig 4.

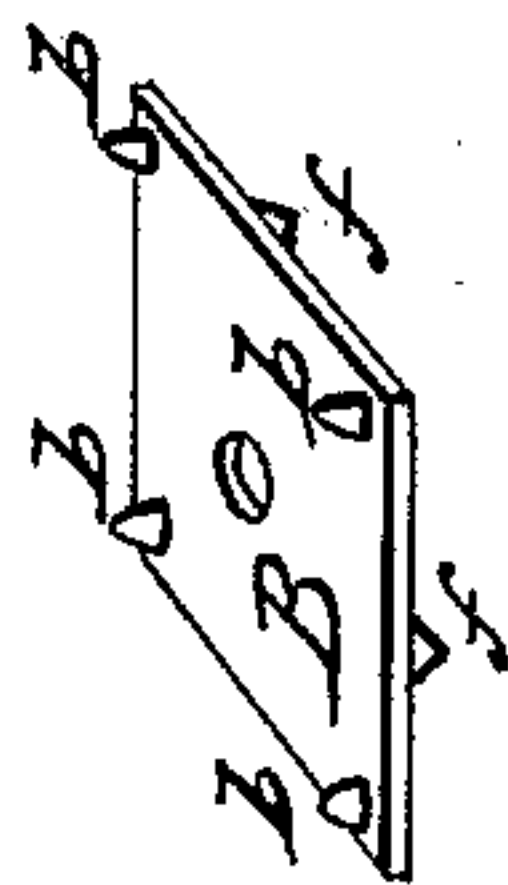


Fig 3.

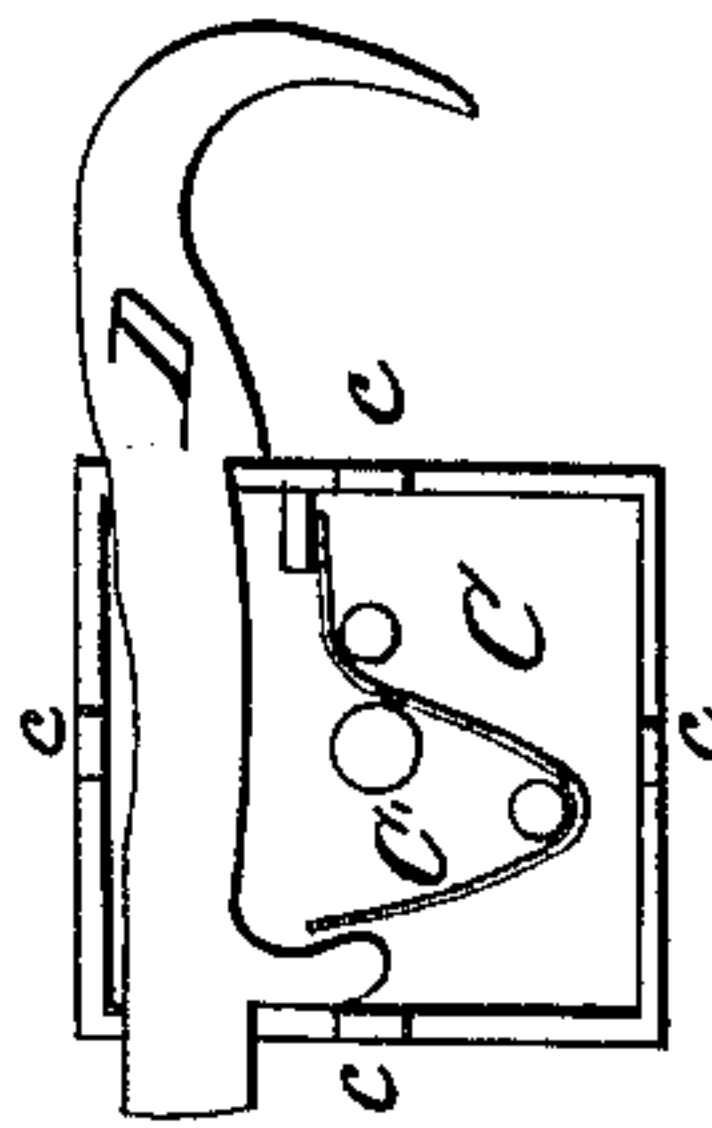
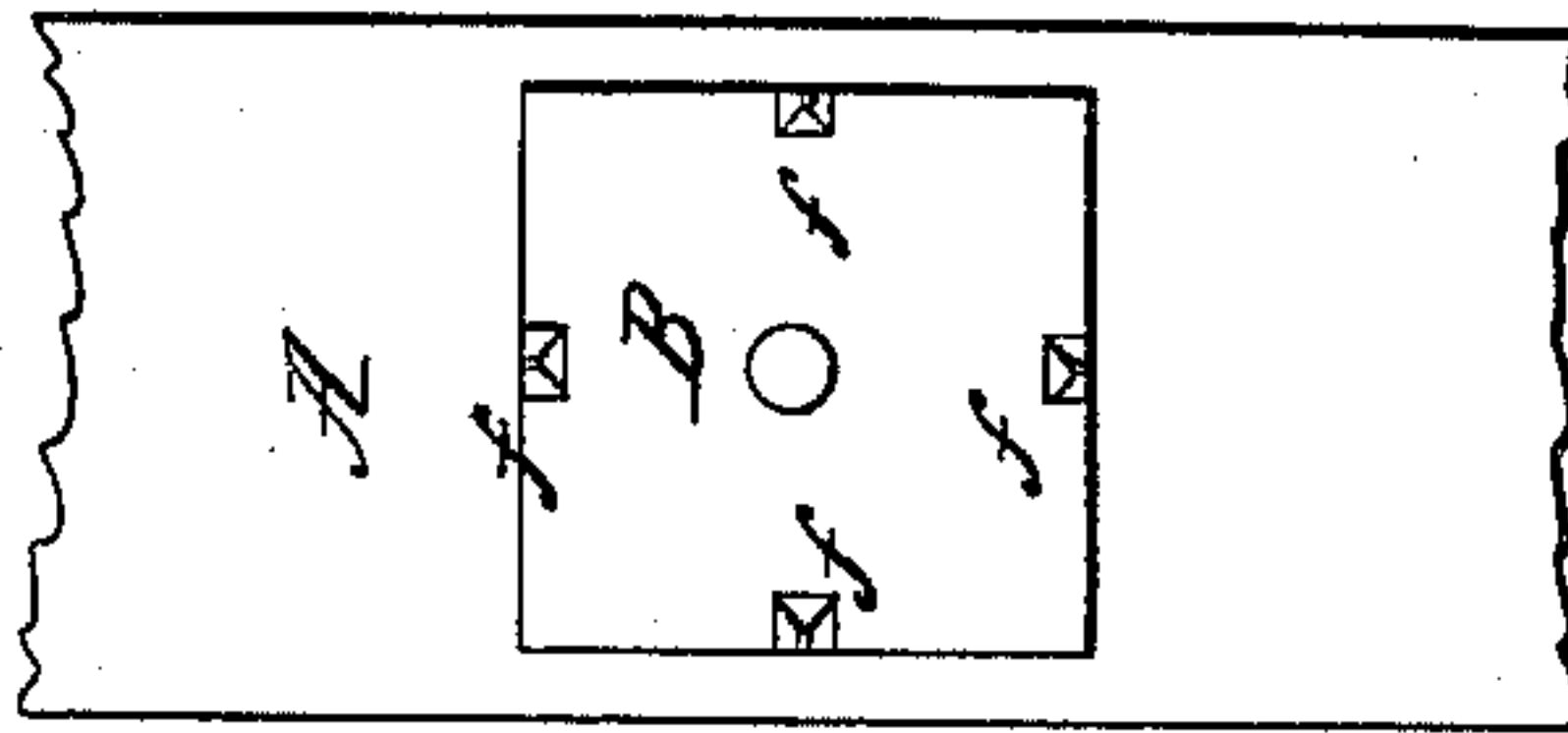
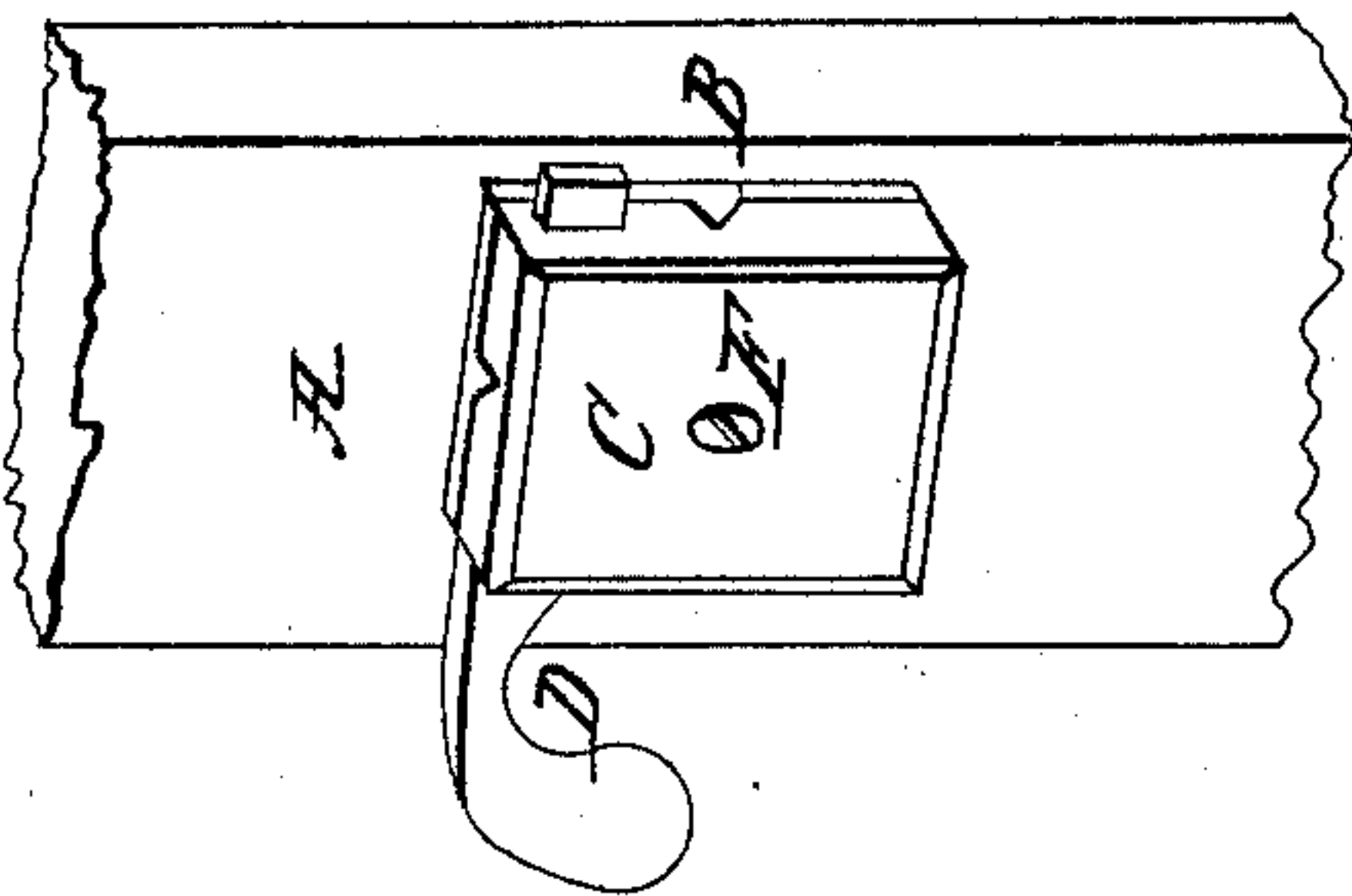


Fig 1.



Witnesses:

Levi White
J. Holmes

Inventor:

W. H. Burridge

UNITED STATES PATENT OFFICE.

W. H. BURRIDGE, OF CLEVELAND, OHIO.

IMPROVEMENT IN CAR-SASH FASTENINGS.

Specification forming part of Letters Patent No. 45,223, dated November 29, 1864.

To all whom it may concern:

Be it known that I, W. H. BURRIDGE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Railroad-Car Window-Fastenings; and I do hereby declare that the following is a full and complete description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the fastening and the part of the window-frame with which it is connected. Figs. 2, 3, and 4 are detached sections that will be referred to in the description.

Like letters of reference indicate like parts in the several views.

My improvement relates to a railroad-car window-fastening, so constructed and arranged that all the parts will come together in place in the most desirable manner, without any trimming or dressing, being a new and useful article of manufacture.

In Figs. 1, 2, and 3, A is a section of the window-frame to which the bolt is attached, as represented in Fig. 1. The fastening is formed principally of three pieces—the back plate, B, cap C, and bolt D. The back of the plate B, that comes next the frame, has points or pins *b* (shown in Fig. 4) at each corner, cast with the plate, that, when forced into the frame, producing indentations *d*, as seen in Fig. 2, hold the plate on the frame in any position and prevent it from moving out of place, being held securely by one screw, F, Fig. 1, in the center. On the other side of the plate are pointed projections *f*, at the middle of each side, to retain the cap C in place on the plate.

In the cap are arranged the bolt D and spring C', as represented in Fig. 3, and at the middle of the sides of the cap are notches *c*, corresponding with the projections *f* on the plate; and these notches, fitting on the projections *f*, together with the screw in the center, render the cap immovable on the plate. The screw F, extending through the cap and plate into the window-frame, secures the different parts of the fastening firmly together and to the frame.

The faces of the plate and cap form a true square, and as all sides of each are equal and alike in form, the plate can be placed any side up on the frame, and the cap can be put in any position on the plate, all the parts fitting together for the desired purpose, as described, the projections and notches being cast so as to fit each other accurately, indiscriminately, without any filing or trimming, which is necessary in ordinary window-fastenings.

From the simple construction and arrangement of this fastening, and the readiness with which it is put together in any position, requiring but a single screw, greatly facilitates the attachment of bolts to windows and lessens the expense.

What I claim as my improvement, and desire to secure by Letters Patent, is—

The special construction and arrangement of the plate B with points *b* and projections *f*, in combination with the cap C, notches *c*, and bolt D, as a new and useful article of manufacture.

W. H. BURRIDGE.

Witnesses:

A. W. McCLELLAND,
J. HOLMES.