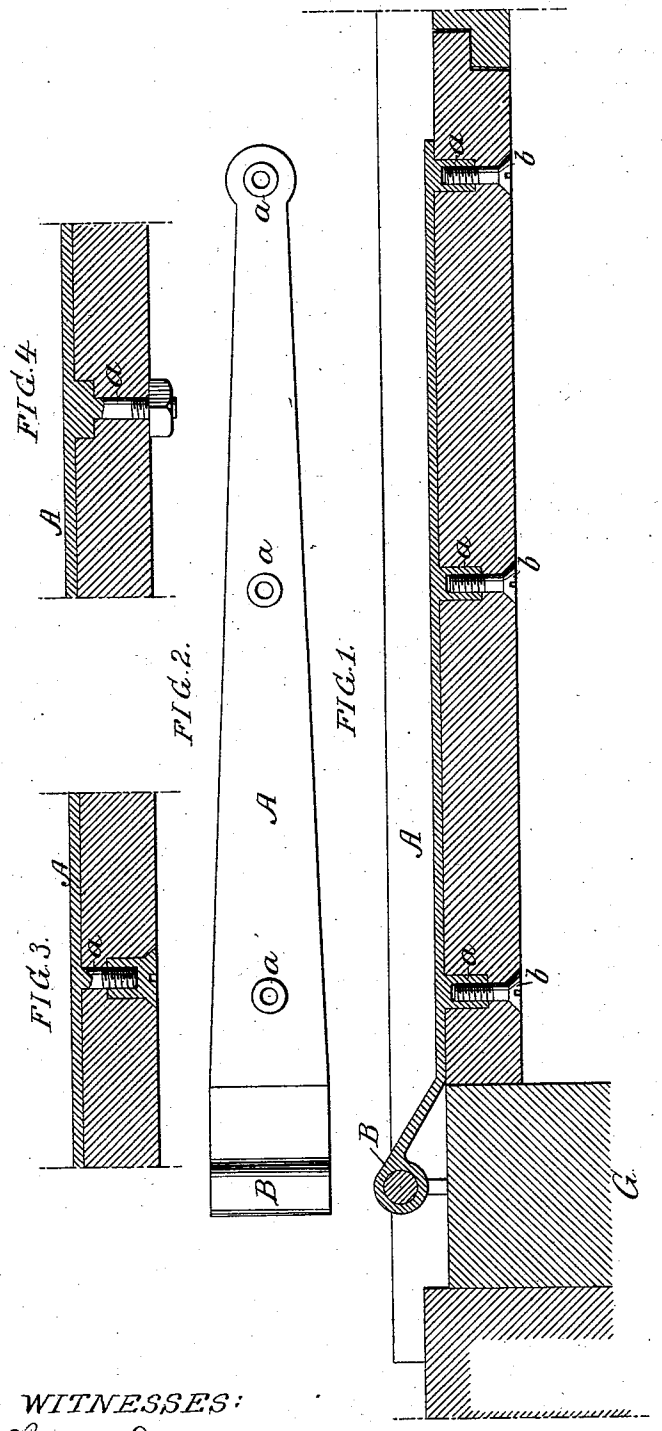
(No Model.)

W. L. BACON.

STRAP HINGE.

No. 289,599. Patented Dec. 4, 1883.



WITNESSES:
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N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

WILLIAM L. BACON, OF PHILADELPHIA, PENNSYLVANIA.

STRAP-HINGE.

SPECIFICATION forming part of Letters Patent No. 289,599, dated December 4, 1883.

Application filed April 4, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. BACON, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented certain Improvements in Strap-Hinges, of which the following is a specification.

My invention relates to an improvement in strap-hinges, in which the strap is provided with projections or steady-pins for fitting into recesses in a door or shutter; and my invention consists of a hinge in which the strap portion has threaded projections, combined with threaded fastening devices, as described hereinafter, the main object of the improvement being to obviate the necessity of perforating the strap for the usual screws or bolts.

In the accompanying drawings, Figure 1 is a sectional view of part of a window frame and shutter with my improved strap-hinge; Fig. 2, a view of the inner side of the strap portion of the hinge, and Figs. 3 and 4 views exhibiting modifications of my invention.

Strap-hinges are generally made of wrought-iron forged to the desired shape, the strap portion of the hinge being perforated for screws or bolts, which secure it to a shutter or door.

My improved hinge is made of malleable iron or cast-steel, the strap A, eye B, and threaded projections *a* at the back of the strap being cast in one piece. These projections, which, when fitted into recesses in the shutter or door, serve the purpose of steady-pins, differ from projections heretofore made on strap-hinges in being threaded either externally or internally, and in being combined with threaded fastening devices. In Fig. 1 the projections are tubular and threaded internally, the fastening devices by which the strap is secured to the door or shutter being simple set-screws *b*. In the modification, Fig. 3, the projection *a* is threaded externally, the threaded fastening device being an internally-threaded nut let into the door or shutter, and in Fig. 4 the threaded fastening device is an ordinary nut. The eye B of the strap is fitted to a pintle on the frame G of the window or door in the usual manner.

The straps of strap-hinges have, as before remarked, been made with projecting studs, which, when fitted into a door or shutter, serve the purpose of steady-pins, and such studs have been made tubular, but not threaded. Such strap-hinges, moreover, had the usual openings for common confining screws or bolts, whereas the strap of my improved hinge is not perforated, and hence presents a neat external appearance.

I claim as my invention—

The combination of a strap-hinge having on the inner face of the strap threaded projections *a*, with threaded fastening devices adapted to the said projections, substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM L. BACON.

Witnesses:
HARRY L. ASHENFELTER,
HENRY HOWSON, Jr.