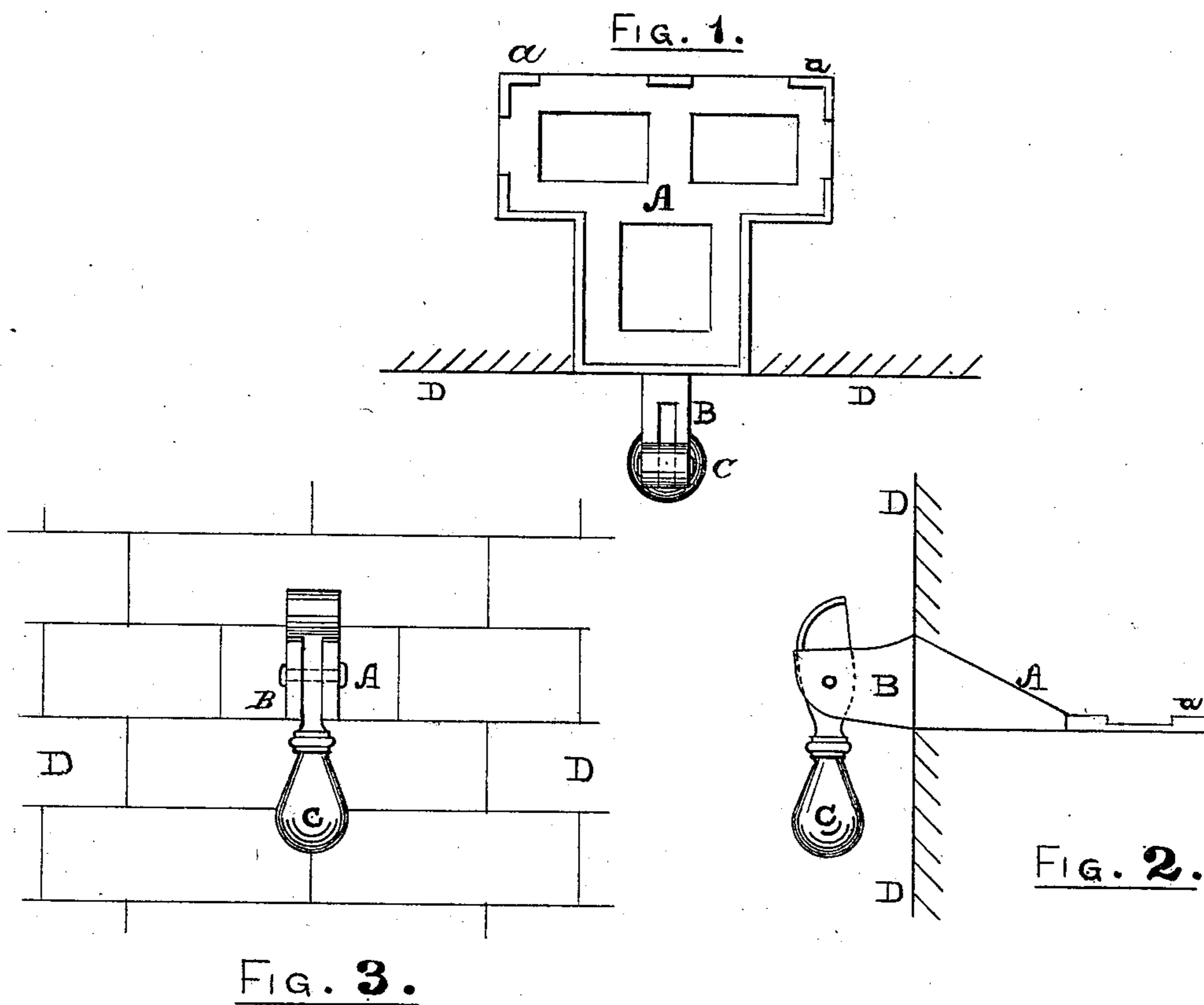


W. J. FRYER, Jr.
Fastening for Iron Shutters.

No. 230,932.

Patented Aug. 10, 1880.



WITNESSES:

John Adams
Arthur Lawrence

INVENTOR:

W. J. Fryer, Jr.

UNITED STATES PATENT OFFICE.

WILLIAM J. FRYER, JR., OF NEW YORK, N. Y.

FASTENING FOR IRON SHUTTERS.

SPECIFICATION forming part of Letters Patent No. 230,932, dated August 10, 1880.

Application filed December 5, 1879.

To all whom it may concern:

Be it known that I, WILLIAM J. FRYER, Jr., iron founder, of No. 104 Goerck street, in the city of New York, county and State of New York, have invented a new and useful Improvement in Turn-Buckle Fastenings for Iron Shutters, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a plan, Fig. 2 a side view, and Fig. 3 a front view, of my improved fastening.

A is a metal block so shaped as to adapt itself to the shape of the bricks of the wall into which it is to be built. The thickness of the bed corresponds to the thickness of the mortar joints. *a a* are ledges turned up between the bricks to still more firmly hold the block in place. To save weight and expense suitable openings are left in the bed.

B is an arm projecting from the face of the block. C is the pivoted catch. D is the face of the brick wall.

Similar letters of reference indicate similar parts.

The object of my invention is to make the holder of the usual pivoted catch of a shutter-fastening of such a shape as to conform to the bricks of a wall, so as to be built therein, and thus become a permanent fixture, as durable as the building itself.

After the block A has been built in, all that can outwardly be seen of it is its face, which corresponds in size with a brick or part of a brick, the iron face forming an imitation brick. From this iron face, and forming part of the cast block A, project the arms B, and to the latter is pivoted the weighted catch or lever C. The upper part of this catch is curved so that a side view shows it to be in shape and area about the fourth part of a circle, thus enabling the shutter to ride over it, but preventing the shutter from coming back without assistance.

The position of my block is intended to be on a horizontal line with the usual window-sill and distant from the window-jamb about one-third of what the window-opening will measure, so that the bottom line of the usual iron shutter when hung will suitably line with the upper part of the catch C. Stated generally, the top line of the face of the block A should correspond horizontally with the top line of the usual window-sill.

All the parts are made of cast-iron or other cast metal. Parts of the casting—as, for instance, the upper portion of the catch, where the most wear comes—may be surface-chilled.

I desire distinctly to be understood as making no claim to a weighted lever—such as my pivoted catch C substantially is—because such weighted levers attached to a wrought-iron bar sharpened at one end, so as to be driven into a wall, has been in common use in the city of New York and elsewhere for upward of twenty-five years last past; but the trouble with such and similar devices heretofore constructed is that they work loose and drop out from the wall after comparatively little use. My construction makes the fixture a permanent one. It cannot be loosened or drawn out of the wall, and will last as long as the building stands.

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

The plate A, adapted to be built into the masonry of the wall, and provided with a front face corresponding in shape and size with a brick, from which project arms B, which are cast integral therewith, and between which catch C is pivoted, substantially as described.

WM. J. FRYER, JR.

Witnesses:

JOHN ADAMS,
ARTHUR LAWRENCE.