To all whom it may concern:

Be it known, that I, JEAN E. RICHARD, of Columbia, in the county of Richland and State of South Carolina, have invented a new and valuable Improvement in Belt-Fastenings; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top view of my belt-fastening. Fig. 2 is a sectional view of the same. Figs. 3, 4, 5, 6, 7, and 8 are details of the same.

This invention has relation to fastenings for belting; and it consists in the construction and novel arrangement of the hook and eye plates, having wedge-shaped rear edges, and perforated for the passage of the clamp-screws, and the plate-clamps, whereby said plates, whether embedded in the belting, or outside thereof, will be securely held by the clamps and screws.

In the accompanying drawings, the letter A designates the ends of an ordinary belt of the flat form. B indicates the hook-plate usually provided with double hooks a a perforated with large perforations at b b, in order to avoid pulling against the clamp-screws c, and, when thin metal is used in the construction, folded back at d along the rear edge to form the wedge or core e. C represents the slotted or eye-plate, having usually the large duplicate openings f, designed to clear the clamp-screws as well as to receive the hooks of the opposite plate. If constructed of thin or sheet metal the core g may be formed by doubling the rear edge, and the front bars h, with which the hooks engage may be doubled for strength, and, if necessary, still further stiffened by the introduction of a wire, the edge being rolled in cylinder form for this purpose. D D represent the plate-clamps located on the outside of the belt-end, and connected by the clamp-screws c. These clamps may be constructed of a single thickness of metal, or if greater stiffness is required, the metal may be doubled, as indicated in Figs. 3 and 6, of the drawings.

In securing these fastening devices to the belt-ends, the latter may be split, and the core of the fastening-plate inserted. Or the core of said plate may be placed on the outside of the belt-end, between the latter and the plate-clamp. In either case the plate-clamps are located outside of all, on each side of the belt-end, and preferably forward of the core, after which said clamps are forcibly brought toward each other, and secured by the screws c.

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

The combination of the hook and eye plates B C, having the core-expansions e at their rear portions, the external plate-clamp D, and the clamp-screws c, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JEAN E. RICHARD.

Witnesses:

D. B. MILLER, Jr.,

W. L. HANAHAN.