

W. D. FIELD.
Cotton-Bale Ties.

No. 140,024.

Patented June 17, 1873.

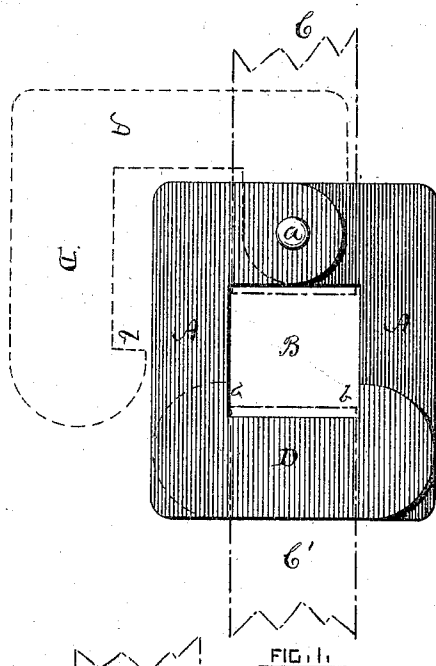


FIG. 1.

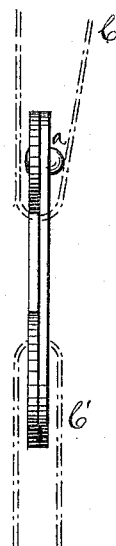


FIG. 2.

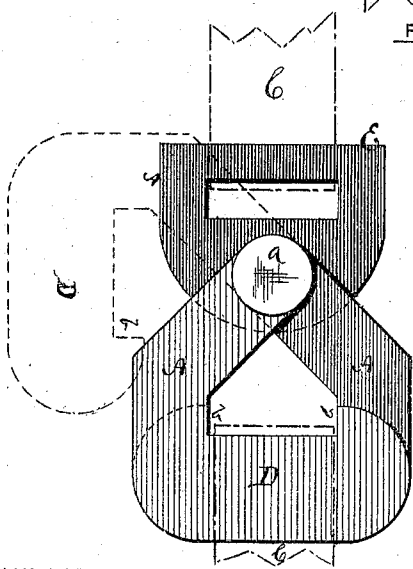


FIG. 3.



FIG. 4.

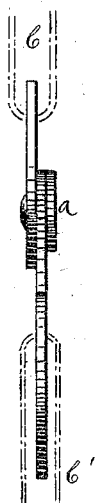


FIG. 5.

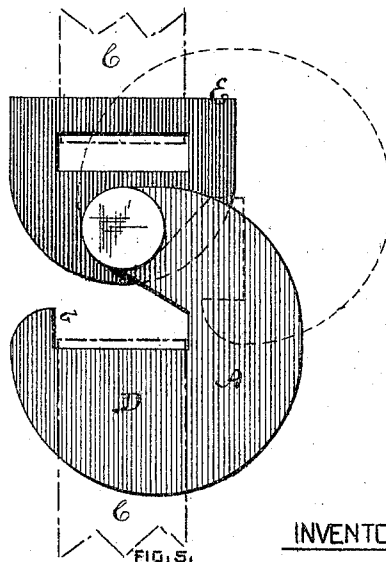


FIG. 6.

WITNESSES,

INVENTOR,

Ben. P. Pherson
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UNITED STATES PATENT OFFICE.

WILLIAM D. FIELD, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN COTTON-BALE TIES.

Specification forming part of Letters Patent No. **140,024**, dated June 17, 1873; application filed May 14, 1873.

To all whom it may concern:

Be it known that I, WILLIAM D. FIELD, of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Cotton-Ties; and I do hereby declare that the following specification, taken in connection with the drawings making a part of the same, is a full, clear, and exact description thereof.

Figure 1 is an elevation of my improved cotton-tie. Figs. 3 and 5 are modifications thereof. Figs. 2, 4, and 6 are side views of the ties shown in Figs. 1, 3, and 5, respectively.

In the accompanying drawings, A A, Fig. 1, represent two hooks, counterparts of each other, which are jointed together by a pivot-pin, *a*. When the two hooks are in the proper relation to hold fast the iron hoops for strapping the cotton-bale, the figure which they represent is shown in the full lines of the drawing, and presents a rectangular central opening, B. One end of the hoop-strap C is bent over the joint, and the other end of the hoop-strap C' is bent around the members D of the hooks A A; the upwardly-projecting points *b* bearing against the edges of the hoop-straps, whereby the two members of the cotton-tie are prevented from opening.

To apply the fastening one of the members can be placed in relation to the other, as shown in dotted lines.

Fig. 3 exhibits two hooks of substantially the same character as those shown at Fig. 1, but they are pivoted to a slotted link-piece, E. One end of the hoop-strap is inserted through the slot in the link-piece, and the other end is secured by the hook-pieces A A, as in the former case.

The tie shown in Fig. 5 differs only from the one shown in Fig. 3 in the fact that a single hook-piece is employed.

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

1. A bale-tie composed of two hook-pieces, A A, pivoted together and arranged relatively to each other, substantially as described.
2. A bale-tie composed of the hook-piece A pivoted to a slotted link-piece, E, substantially as described.

WILLIAM D. FIELD.

Witnesses:

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