

J. M. Murtry,

Bale Tie.

No. 58,445.

Patented Oct. 2. 1866.

Fig. 2.

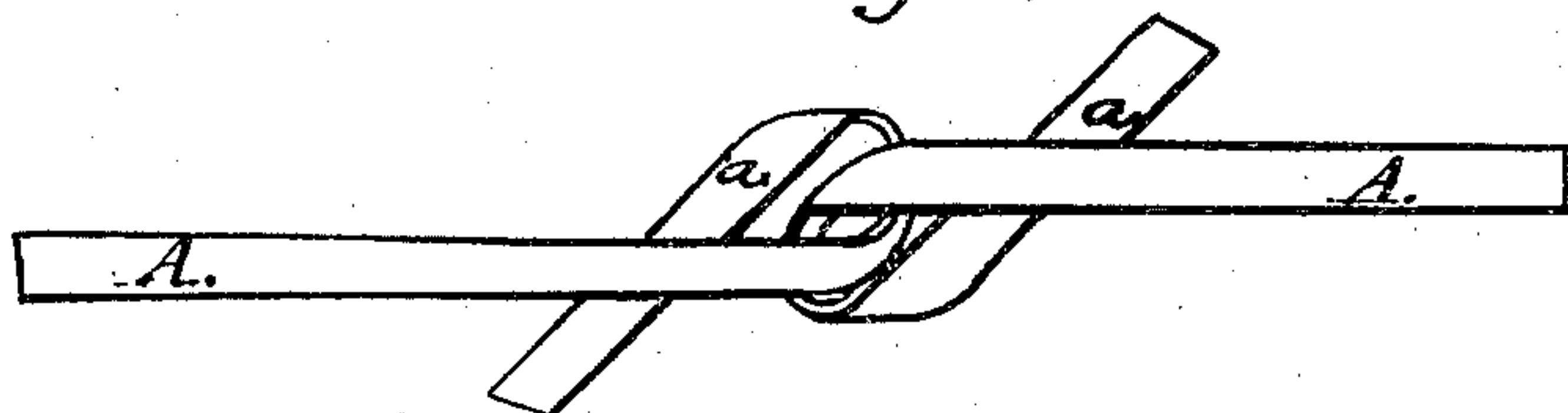
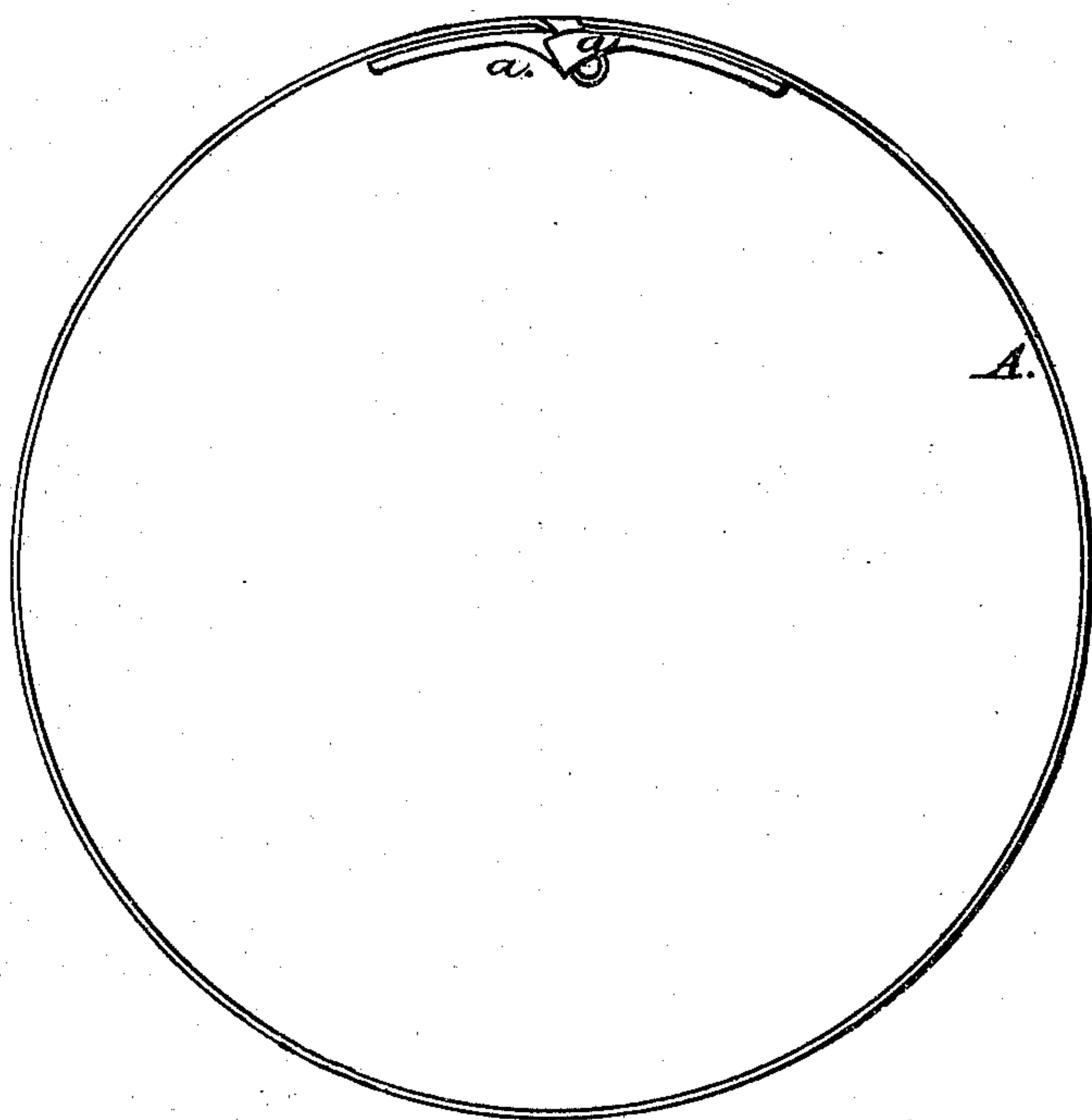


Fig. 1.



Witnesses:
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UNITED STATES PATENT OFFICE.

JOHN McMURTRY, OF LEXINGTON, KENTUCKY.

IMPROVEMENT IN TIES FOR COTTON-BALES.

Specification forming part of Letters Patent No. 58,445, dated October 2, 1866.

To all whom it may concern:

Be it known that I, JOHN McMURTRY, of the city of Lexington and State of Kentucky, have invented certain new and useful Improvements in Ties for Baling Cotton; and I hereby declare that the following is a true, full, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in constructing a tie of hoop-iron for binding cotton-bales.

Figure 1 represents a side view or elevation of the hoop and tie. Fig. 2 is a plan view of the tie.

The letter A designates the hoop and tie, and consists of common hoop-iron, which may be prevented from rusting by being galvanized or by any other known process.

When the bale is sufficiently compressed the hoop is passed around it and one end of it looped, which is done either by bending the end back and riveting it to the hoop A, or by giving the end a half-twist and passing it under the hoop, (see Fig. 2,) relying upon the expansion of the cotton to keep it in position. When the loop is formed, as above described,

the opposite end of the hoop A is inserted in it, and, being drawn through the loop until the hoop is sufficiently tight, is then subjected to a half-twist, and the end passed under the hoop A. After the required number of hoops are secured around the bale, and their ends fastened in the manner above described, the pressure is removed from it, and the expansion of the cotton and the consequent upward pressure will hold the ends of the tie immovable.

I do not claim the mode herein described of tying the ends of wire rope when used for baling cotton; but,

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

The hoop-iron cotton-bale tie A, constructed and operating in the manner and for the purpose herein set forth.

In testimony that I claim the foregoing as my own I hereby affix my signature in the presence of two witnesses.

JOHN McMURTRY.

Witnesses:

Z. GIBBONS,

AD. I. KROESING.