

T. J. Southworth,

Tag.

No 92895.

Patented July 20, 1869.

Fig 1.

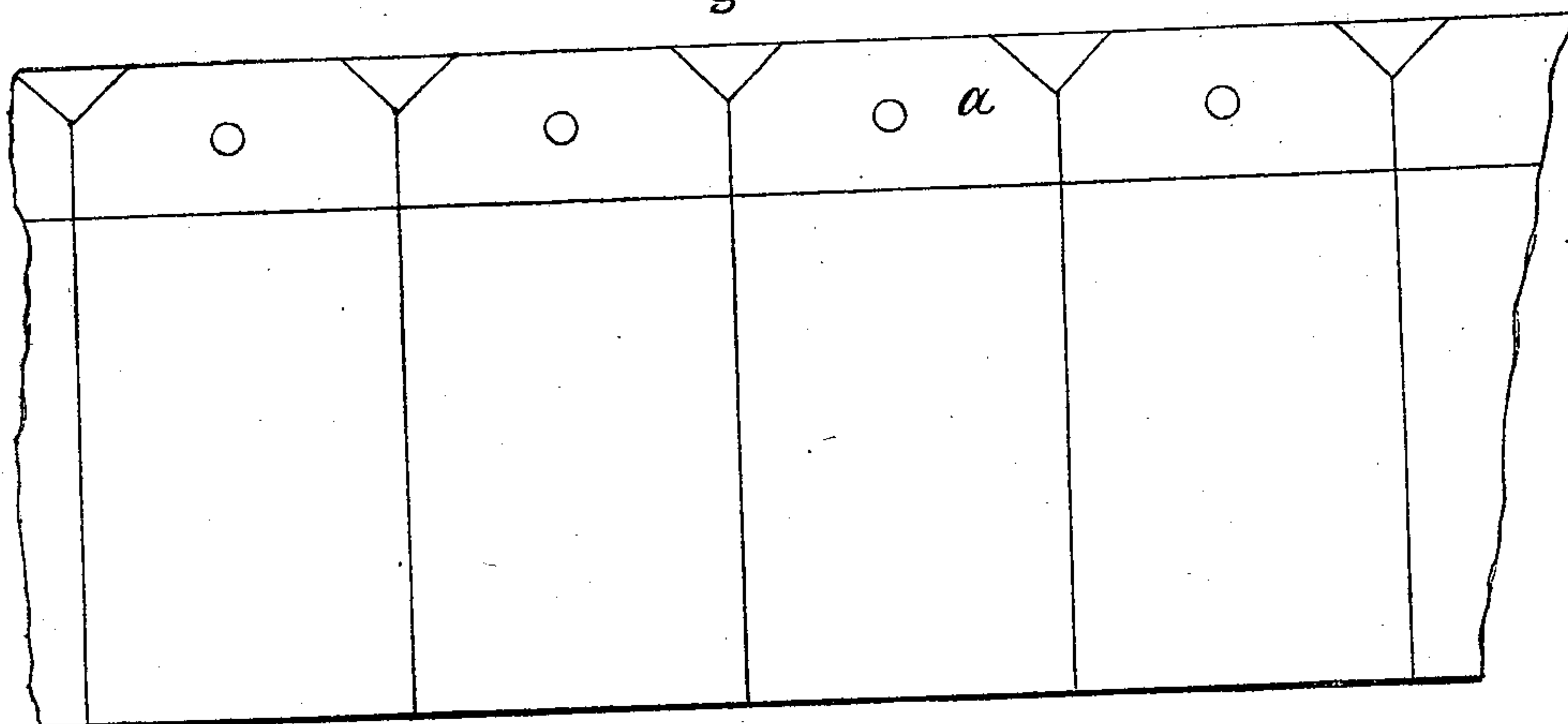


Fig 2.

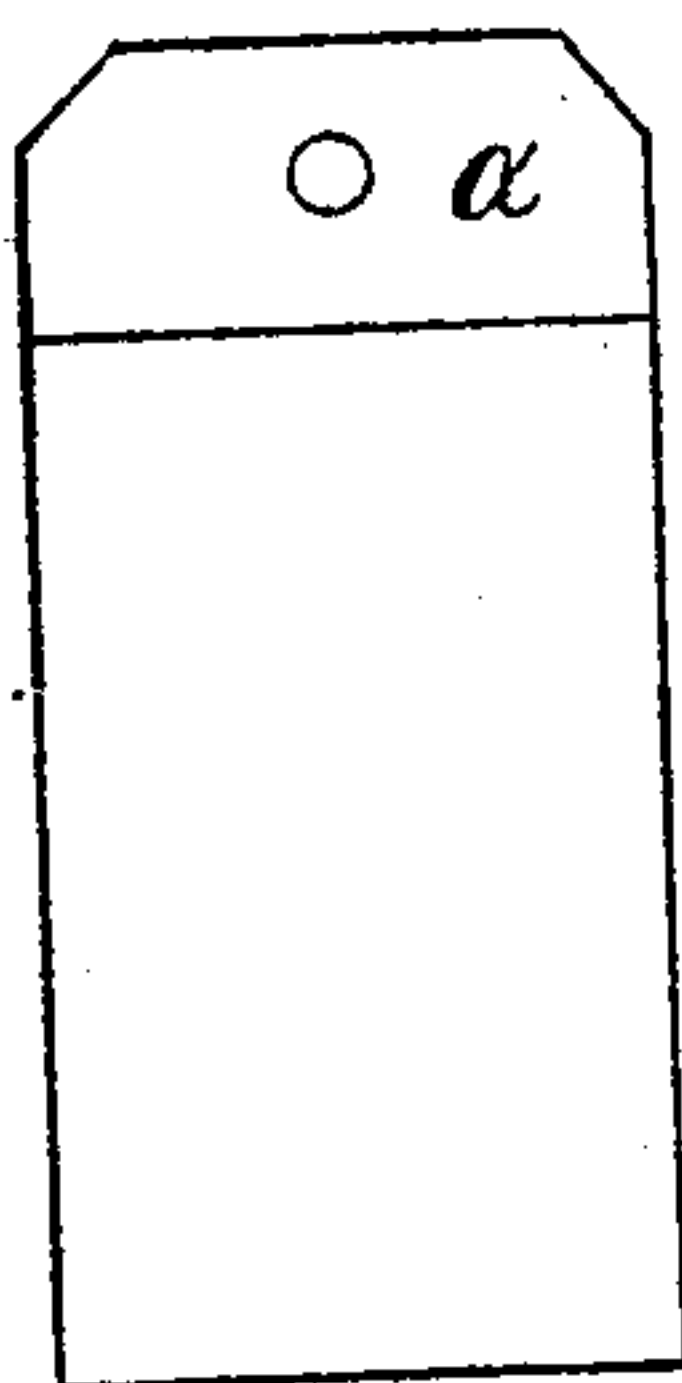


Fig 3.



Witnesses:

Wm. Loughborough

J. Loughborough

Inventor:

T. J. Southworth

United States Patent Office.

T. J. SOUTHWORTH, OF ROCHESTER, NEW YORK.

Letters Patent No. 92,895, dated July 20, 1869.

IMPROVEMENT IN TAGS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, T. J. SOUTHWORTH, of Rochester, in the county of Monroe, and State of New York, have invented a certain new and useful Improvement in the Manufacture of Paper for Label-Tags; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1 represents the sheets from which I cut my improved tags, the red lines indicating the outlines of the latter.

Figure 2 is a face view, and

Figure 3 is an edge view of my invention.

The nature of my improvement consists in thickening the material, during the process of manufacture, across one end of a label-tag, so that the eye which receives the cord or wire may not be easily torn out.

To enable others to make and use my invention, I will describe it.

I make my improved tag of water-proof paper or other material in common use for such purpose, and across the punched end I increase the thickness of the fabric, as shown at *a*, fig. 3, to a width that will give sufficient strength around the eye.

This additional thickness is given to the paper in the process of manufacture, by providing the rollers

of the paper-train with grooves of proper width and depth, and increasing the quantity of pulp at these points, whereby sheets may be produced of any desired size and form, after which the tags may be cut out and punched at one operation.

The sheets may be of a width indicated in fig. 1, or they may be of double that width, having the thickened portion on each edge, or they may be made in larger sheets, composed of several strips, having the thin edge of one contiguous to the thick edge of the next.

The advantages of my improvement are, great strength, since the eye cannot be torn away without separating the tag entirely across its width, and cheapness of manufacture, as after the sheets are formed by the process described, the labor is reduced to a single manipulation of the material.

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

As an improved article of manufacture, a label-tag, composed of paper having an increased thickness of material across one end, which increase is formed in the manufacture of the paper, as set forth.

T. J. SOUTHWORTH.

Witnesses:

WM. S. LOUGHBOROUGH,
PATRICK MCINTYRE.