A. B. HAYDEN.

Measuring-Strip for Rolled-Fabrics.

No. 219,470. Patented Sept. 9, 1879.

Fig. 1.

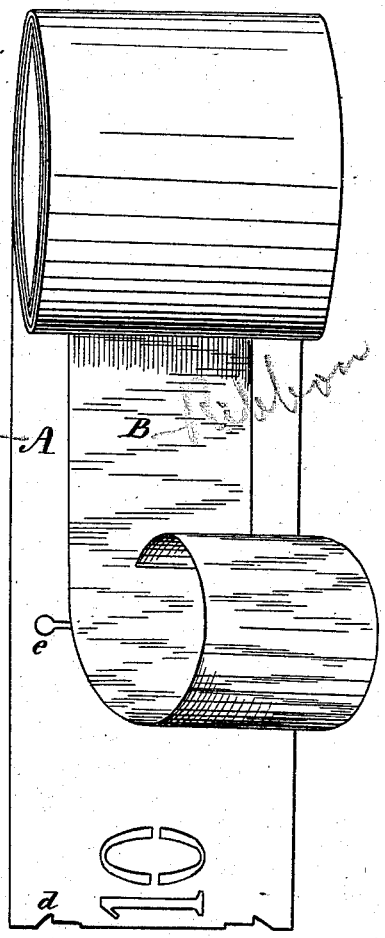


Fig. 2.

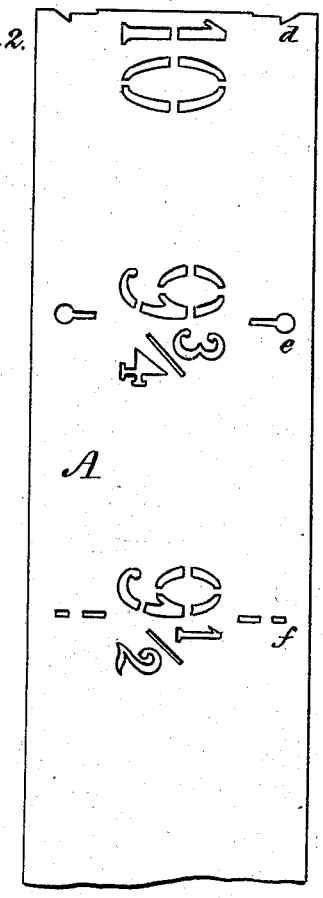
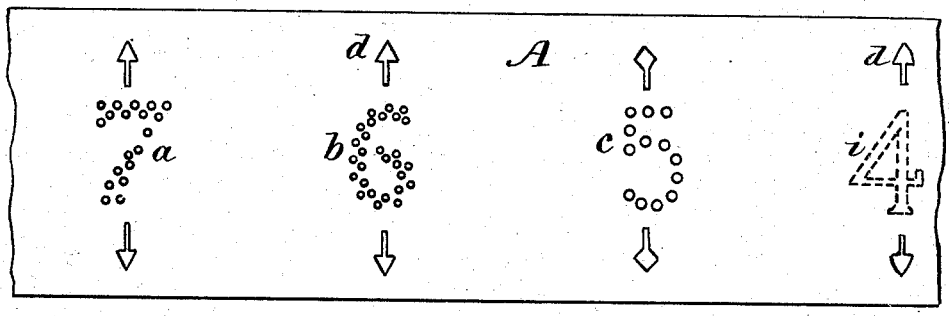


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE

AUSTIN B. HAYDEN, OF AUBURN, NEW YORK, ASSIGNOR TO LEONARD A. WATSON, OF ASHTABULA, OHIO.

IMPROVEMENT IN MEASURING-STRIPS FOR ROLLED FABRICS.

Specification forming part of Letters Patent No. **219,470**, dated September 9, 1879; application filed July 9, 1879.

To all whom it may concern:

Be it known that I, AUSTIN B. HAYDEN, of Auburn, in the county of Cayuga and State of New York, have invented certain new and useful Improvements in Measuring Strips or Wrappers for Ribbons and other Fabrics; and hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings.

The object of my invention is to furnish an improved means of carrying into effect the method of packaging and measuring fabrics described in the patent of E. Morgan, No. 111,235; but my said improvement is more especially adapted to measuring ribbons, silks, fine linens, and other fabrics, which are either white or have light, bright, or delicate colors.

In the accompanying drawings, Figure 1 represents a view, in elevation, of a roll of ribbon and the wrapping-paper of the same partly unrolled, and in which A indicates the wrapper, and B the ribbon.

Fig. 2 represents, in plan, a section or piece of my improved wrapper, showing the divisions and notation-symbols of the mensurator cut or punched through the same.

Fig. 3 represents a series of modified forms of punching the graduation and notation marks upon the mensurating strip or wrapper, and in which *a* shows a punched numeral with double and single lines of punch-holes. *b* shows a punched numeral composed of single lines of punch-holes. *c* shows a division or graduation mark composed of a single line of punched holes. *i* shows a numeral indented into the surface of the paper. *d*, *e*, and *f* show different shapes of punch-holes to represent graduating-divisions, which, as well as the holes in the notation-symbols, may be varied in shape to adapt them to special conditions of material, or to suit the taste of the constructer of the self-measuring wrapper or strip.

The stamping may be done with embossing-dies, and the perforating may be done with perforating punches and dies, or other suitable cutting-instruments employed in the arts for such purposes, thus avoiding the use of inks or coloring-matter that might sully a fabric if of a white, light, or bright color.

As the stamping and punching of marks and characters on or in paper are so well known in the arts, I shall not describe either of them here.

The perforations in the measuring strip or wrapper permit the tint of the fabric to be seen through them, and dispense with the unfastening and opening of the roll for that purpose, thus both saving labor and diminishing the liability of the fabric to become soiled and crumpled in the process of inspection.

If deemed advisable, a series of inspection-orifices may be specially punched in the wrapper, and they may be of such size and form as is deemed most suitable.

In making up a package of ribbon especially, I prefer to roll the fabric inside of the graduated and measured wrapping-paper, instead of on the outside, as has heretofore been the practice, in which case the wrapper should have its graduated side turned outward that the length of the fabric may be seen without unfastening or unrolling the package.

Among the advantages of this method of wrapping up the package is, that the outer end of the fabric, which, when coiled on the outside of the wrapper, is exposed to the fading action of light, and to being soiled, is by this improvement covered and protected by the wrapper which is on its outside.

This graduated wrapper is adapted to use as both a cover and measure of fabrics of less than its own width, and also as a measuring-strip only of fabrics of greater width than itself.

What I claim as my invention is—

1. The arrangement of a measuring-wrapper on the outside of fabrics narrower than itself coiled into rolls, whereby the outer coil of the fabric is as effectively covered by the wrapper as the inner coils, and the length of fabric in the coil is shown without unfastening and opening the package, substantially as described.

2. The combination, with packaged fabrics, of a measuring strip or wrapper having its graduation or notation marks stamped or perforated, to protect fabrics of light or delicate colors against being sullied or defaced by marks, substantially as described.

3. A perforated measuring-wrapper, whereby both the length and the tint of the packaged fabric may be seen without opening the package, substantially as described.

AUSTIN B. HAYDEN.

Witnesses:
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