

J. C. Arms,

Paper Clasp.

N^o 81,727.

Patented Sep. 1. 1868.

Fig 1.

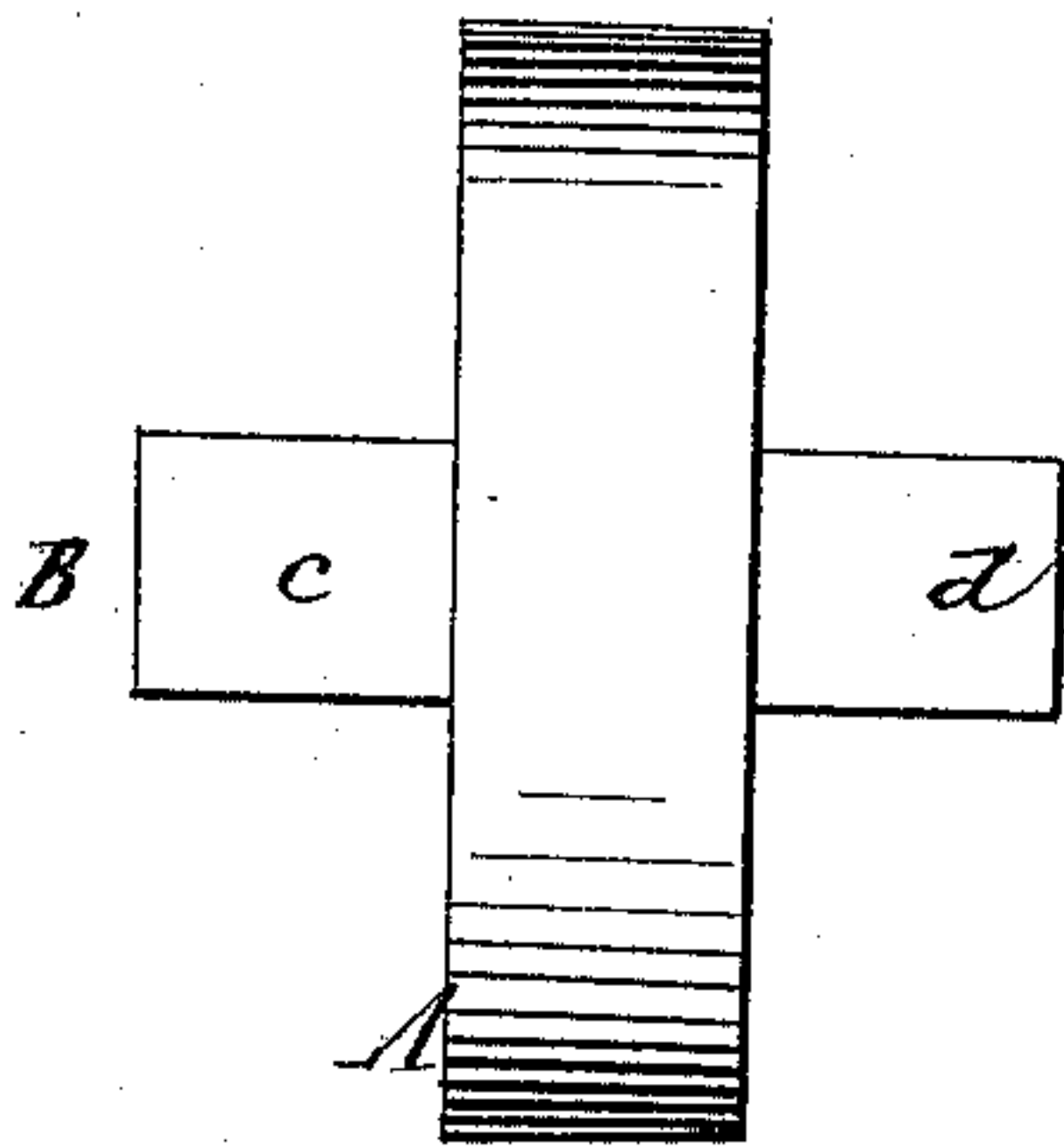


Fig 2.

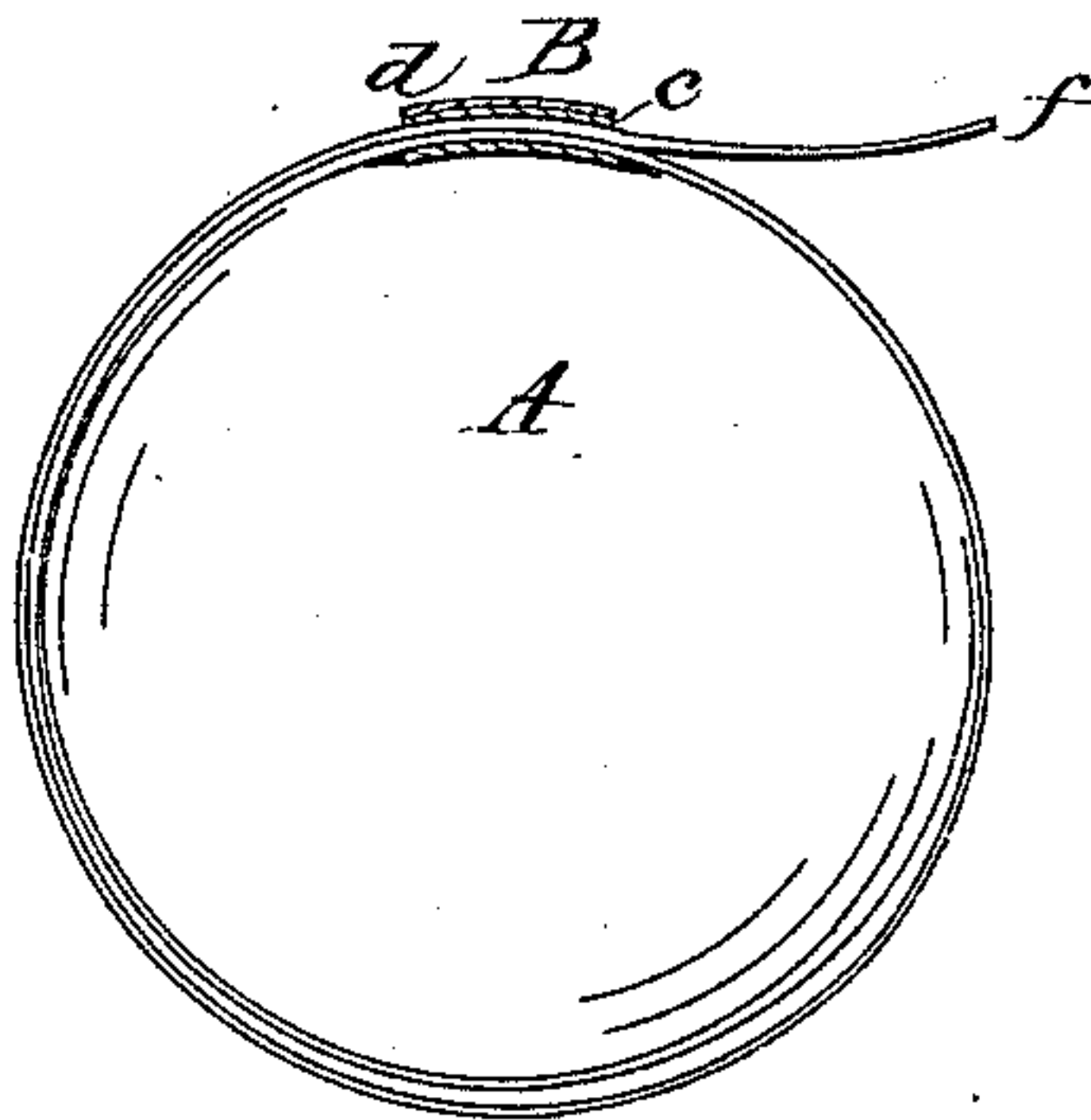
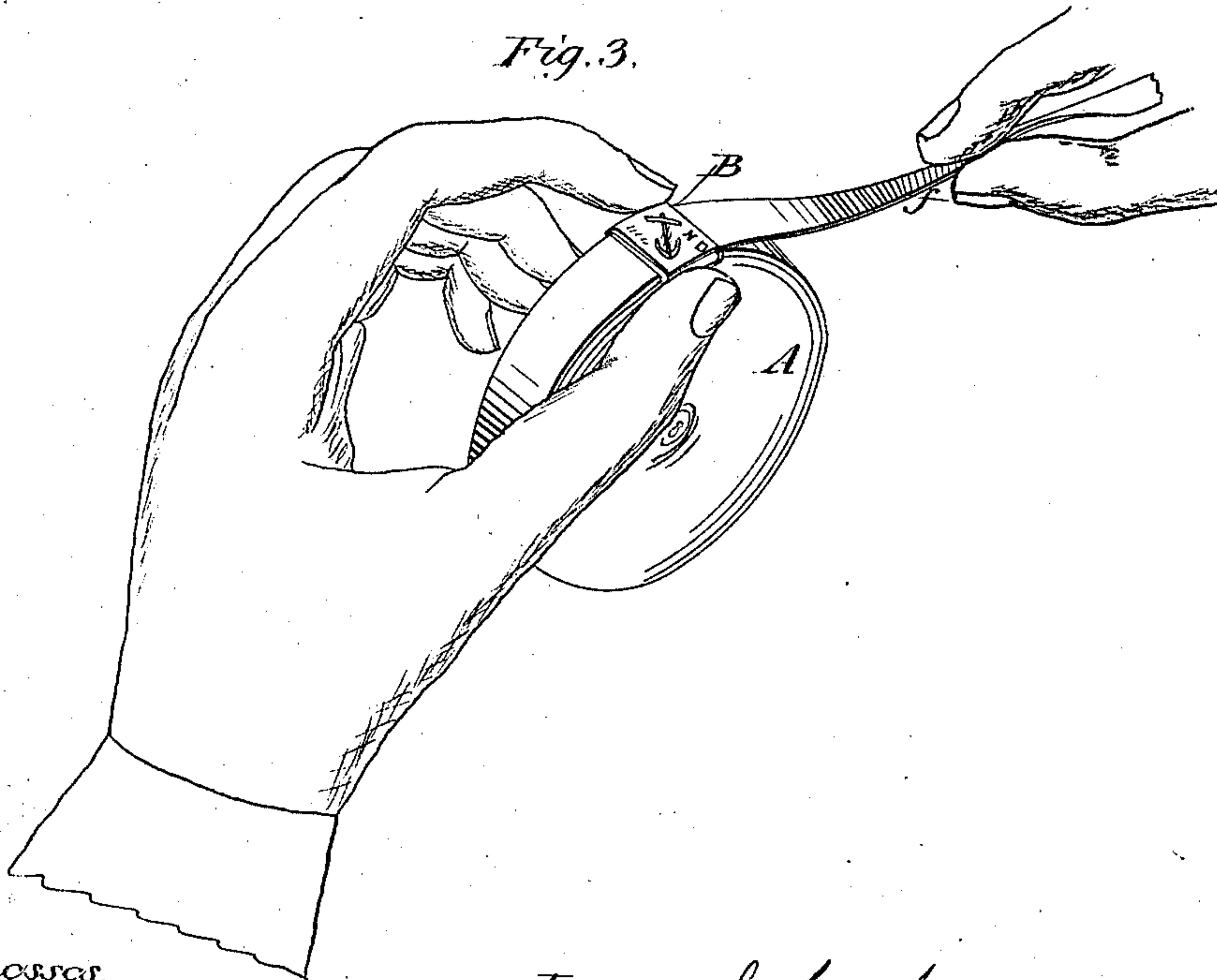


Fig. 3.



Witnesses,

L. Hailer.

P. T. Dodge.

Inventor,

J. C. Arms
by Dodge & Munson
his Atty.

United States Patent Office.

JAMES C. ARMS, OF NORTHAMPTON, MASSACHUSETTS.

Letters Patent No. 81,727, dated September 1, 1868.

IMPROVED PAPER CLASP.

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, JAMES C. ARMS, of Northampton, in the county of Hampshire, and State of Massachusetts, have invented certain new and useful Improvements in the Putting Up and Securing Tape, Ribbons, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

My invention consists in a novel construction and method of applying slides to rolls of tape, ribbons, &c., for the purpose of securing the loose end, and at the same time permitting the tape or ribbon to be drawn off for use, as desired, without removing the slide.

Figure 1 is an edge view of a roll, showing the manner of applying the strip of paper that is to form the slide.

Figure 2 is a vertical section, taken on the line *x x* of fig. 1, and

Figure 3 is a perspective view of the slide applied, and the manner of using the same.

In constructing my improved slide, I first provide a sheet of stiff paper or pasteboard, and print or stamp on one side any figure or design that may be desired, and then cut the same into strips of about the width of ordinary tape, and about three times as long as the tape or ribbon to which it is to be applied is wide. The strip thus formed has one side gummed for about one-third of its length, more or less, as represented by the colored part, *d*, in fig. 1. This gummed strip is placed transversely across the roll *A*, after which the tape or ribbon, as the case may be, is wound twice around the roll, and over the strip *B*; or, after the roll is completed, two thicknesses of the tape or ribbon may be raised, and the strip *B* be thrust through the opening, after which, the end, *e*, fig. 1, is doubled or bent down over the two outer thicknesses, and the gummed end *d* being moistened, is then bent down over the end, *e*, to which it adheres, thus forming a slide, as represented by *B* in fig. 3.

When thus arranged, it will be seen that the slide *B* will secure the loose end, *f*, and prevent the roll from becoming accidentally unwound, and at the same time, by taking hold of the edges of the slide with the thumb and finger, as represented in fig. 3, the loose end *f* can be drawn out to any required length, thus unwinding the roll, as desired, for use. The portion wanted for use being cut off, leaves the end secured as before, and ready for use again whenever required.

In practice, I apply the strips when the rolls are being wound, there being a dozen rolls wound side by side at one operation. In this case, the strip, *B*, is placed across each roll, the rolls then given two turns, which completes the winding, and secures the strips in place, when the gummed ends are moistened and lapped, as above described. In this way, the slides are very cheaply and expeditiously made and applied, and a very neat and useful article is produced.

Having thus described my invention, what I claim, is—

The paper slide *B*, constructed and applied to rolls of tape, ribbon, &c., substantially as described.

JAMES C. ARMS.

Witnesses:

ENOS PARSONS,

TIMOTHY B. HUTCHINS.