

L. PRANG.

Envelope for Rolled Prints, &c.

No. 131,117.

Patented Sep. 3, 1872.

Fig. 1.

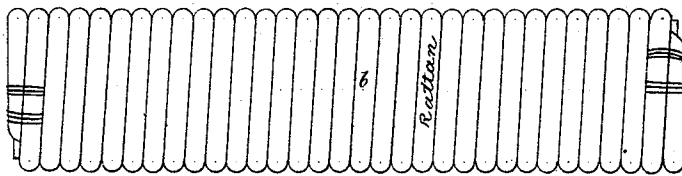


Fig. 2.

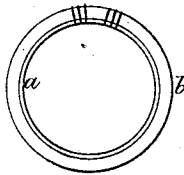
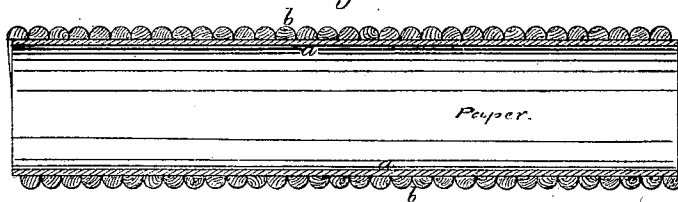


Fig. 3.



Witnesses

S. N. Piper.

L. N. Miller.

Louis Prang.

by his attorney

R. H. Eddy

UNITED STATES PATENT OFFICE.

LOUIS PRANG, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN ENVELOPES FOR ROLLED PRINTS, &c.

Specification forming part of Letters Patent No. 131,117, dated September 3, 1872.

To all persons to whom these presents may come:

Be it known that I, LOUIS PRANG, of Boston, of the county of Suffolk and State of Massachusetts, have invented a new and useful Mailing-Envelope; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 is a side view; Fig. 2, an end view; and Fig. 3, a longitudinal section of it.

It is to serve as an envelope for mailing pictures, prints, charts, or matter in a roll. For the transportation of prints or engravings through the mails a light and very strong envelope is a desideratum. Common tubes of paper or metal are generally used, but they are liable to become crushed, bent, or broken, and frequently, owing to their weight, are inadmissible in the mails. Therefore, picture dealers and others have long been seeking for an article cheap in construction, of little weight, and possessing the requisite strength. My mailing-envelope has all these characteristics.

It is composed not only of a body-tube, *a*, of paper, of the requisite length and diameter, but of an external covering or re-enforce, *b*, of wood or ratan; such covering or re-enforce being wound helically around the body-tube and arranged thereon in rings, the whole being duly and properly fastened together by wire, cement, or in other ways, or by other suitable means.

In making the envelope I generally employ split ratan, having the diametric face or surface laid against the outer surface of the body-tube. In order that the ratan may be rendered more flexible and capable of being used to advantage, it may be first steamed or softened by water, and wound in such state upon the paper or body-tube. Sometimes I apply to the body-tube a paint or water-proof composition or covering, but generally there will be no necessity therefor. One of the ends may be stopped with paper, pasteboard, or wood, and be rendered water-proof; but usually I have the envelope open at both ends, in order that it may there receive a suitable stuffing to prevent endwise movements of the print or roll after being packed in it. In some cases I cover the re-enforce with paper or cloth pasted over it.

The article made as above explained is a new manufacture for the purpose for which it is designed.

I claim—

The new article of manufacture or tubular mailing-envelope, composed of the body-tube *a*, and the re-enforce *b*, as described, arranged and applied together substantially as explained.

LOUIS PRANG.

Witnesses:

R. H. EDDY,
J. R. SNOW.