

R. LANHAM.  
Printer's Inking-Roller.

No. 219,102.

Patented Sept. 2, 1879.

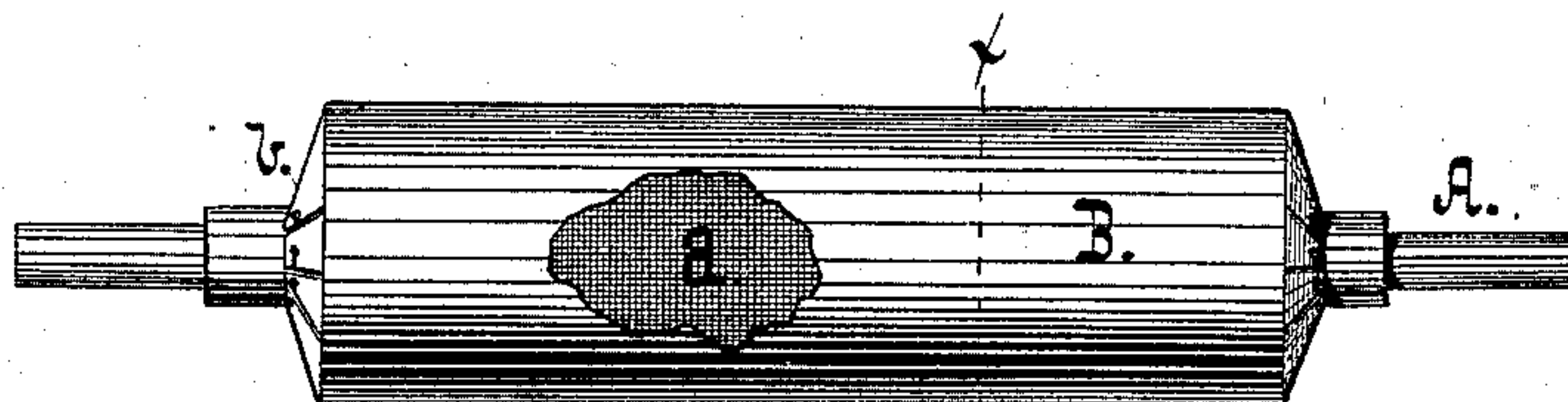


Fig. 1.

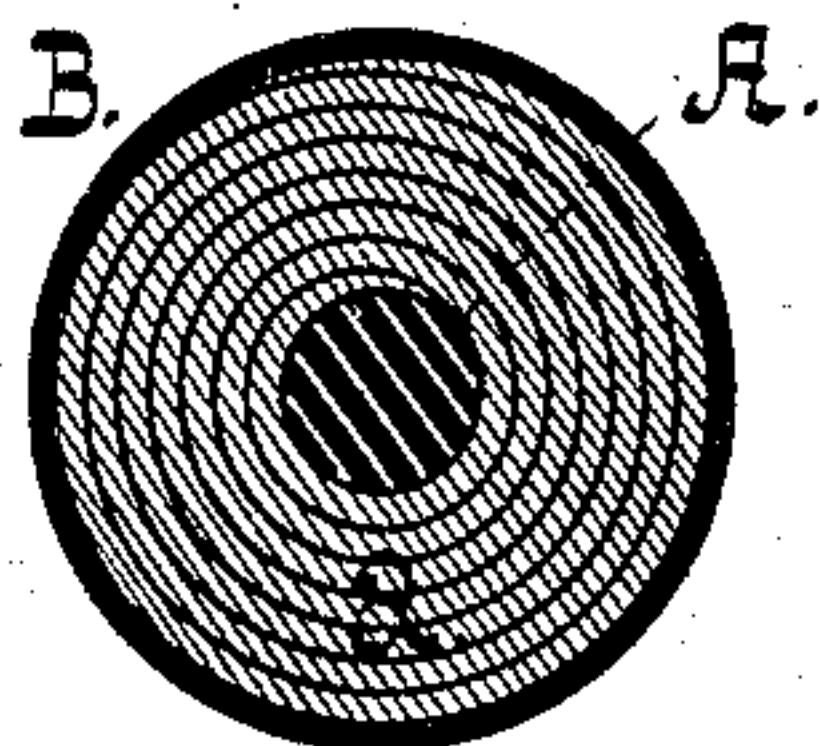


Fig. 2.

Witnesses,  
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# UNITED STATES PATENT OFFICE.

ROBERT LANHAM, OF LONDON, ENGLAND.

## IMPROVEMENT IN PRINTERS' INKING-ROLLERS.

Specification forming part of Letters Patent No. **219,102**, dated September 2, 1879; application filed June 10, 1879.

*To all whom it may concern:*

Be it known that I, ROBERT LANHAM, managing director of the Lanham Printing Roller Company, (limited,) of No. 75 Fleet street, in the city of London, in the county of Middlesex and Kingdom of England, have invented a new and useful Improvement in the Manufacture of Printers' Inking-Rollers, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of the roller; Fig. 2, a transverse section on line *x x*, Fig. 1.

The object of my invention is to make a printing-roller which shall be more elastic than the ordinary roller with leather face, used in lithographic printing, and at the same time cheaper and more easily manufactured.

My invention consists in covering the stock of the roller with a combination of india-rubber and cloth, or any suitable textile material, the cloth enabling the india-rubber facing to be drawn over the stock and be secured in a way similar to that of the ordinary leather covering. This facing is shown in the drawings as enveloping a base consisting of a textile fabric wound tightly upon the stock.

I prefer to combine the india-rubber with the cloth before drawing it over the stock; but I may find it desirable to apply the india-

rubber to the cloth when on the stock, and I also propose to place the ordinary blanketing between the stock and my improved covering; but any suitable material may be placed between the stock and the said covering.

The thickness of the india-rubber coating and of the textile fabric will vary according to the intended use of the roller.

The stock may be of metal, wood, or any suitable material.

In the drawings, A represents the stock; *a*, the blanketing, and B the rubber covering, which consists of a seamless envelope, which is drawn over the covering *a*.

My improved roller will be found particularly useful for lithographic printing, and it may also be used with advantage in typographic printing, and whether by hand or power machines.

What I claim is—

A printer's inking-roller consisting of a stock, A, having a textile fabric, *a*, wrapped thereon, and supporting throughout its length the seamless rubber cover B, as set forth.

ROBERT LANHAM.

Witnesses:

EDWARD WILLIAM JAY,  
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