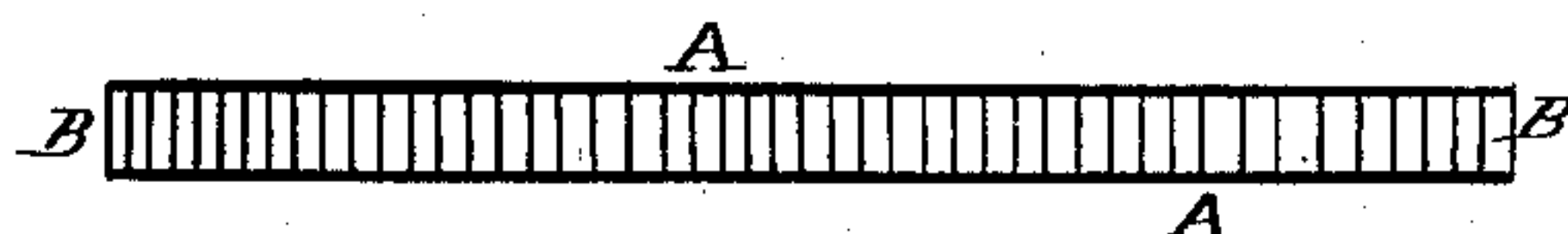


C. & J. G. ROWLAND.

Waterproof Pads for Copying Presses.

No. 158,651.

Patented Jan. 12, 1875.



WITNESSES  
*Chas. C. Gill*  
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By

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*Cox & Cox*

INVENTORS

Attorneys

# UNITED STATES PATENT OFFICE.

CHARLES ROWLAND, OF NEW YORK, N. Y., AND JOSEPH G. ROWLAND, OF  
QUINCY, ILLINOIS.

## IMPROVEMENT IN WATER-PROOF PADS FOR COPYING-PRESSES.

Specification forming part of Letters Patent No. **158,651**, dated January 12, 1875; application filed  
November 24, 1874.

### CASE B.

*To all whom it may concern:*

Be it known that we, CHARLES ROWLAND, of New York city, N. Y., and JOSEPH G. ROWLAND, of Quincy, Illinois, have invented certain new and useful Improvements in Letter-Press Sheets, of which the following is a specification, reference being had to the accompanying drawings.

The invention relates to a letter-press sheet; and consists in a piece of paper, rigidified, as is card-board, or any material of like character, coated on both sides with asphalt varnish, and then finished with a coating of shellac or other suitable varnish.

The accompanying drawing represents a side or sectional view of an illustration of the invention, A being the coatings, and B the center.

The invention is constructed simply by taking a piece of ordinary card-board or analogous material, and coating it thoroughly on both sides with asphalt varnish, which secures to said sides a rich black, or, if desired, a handsomely variegated, color. Thus colored, any places on the leaf of the letter-press book not dampened, when desirable to make a copy, are clearly visible when the white sheet is laid against the dark ground of the sheet. After the varnish has been applied, and has become somewhat dried, the invention is finished by giving the two sides of the sheet a coating of varnish, shellac varnish being preferred.

As shown by the accompanying drawings,

the asphalt varnish does not permeate the paper or material, but penetrates it only a small depth, leaving a stratum of unaffected material intermediate between the coats. This stratum is, however, preserved by the antiseptic properties of the asphalt.

In this manner a better and cheaper article is produced than by any known process heretofore used, and requires less material in its preparation.

The superior rigidity of this sheet is a prominent feature in its value, in addition to the economy of its production, while the antiseptic qualities of the asphalt preserve the sheet, and render it a most durable article, at the same time toughening the felted material, and rendering it thoroughly water-proof.

What we claim as our invention, and desire to secure by Letters Patent, is—

As a new article of manufacture, a letter-press sheet, coated on both sides with asphalt varnish, and finished with shellac, substantially as specified and shown.

In testimony that we claim the foregoing improvements in letter-press sheets, as above described, we have hereunto set our hands and seals this 23d day of November, 1874.

CHARLES ROWLAND. [L. S.]  
JOSEPH G. ROWLAND. [L. S.]

Witnesses:

WM. H. MINNIX,  
HARRY COX.