

A. De Puy.
Printers' Galley.
N^o 93,422. Patented Aug. 10, 1869.

Fig. 1.

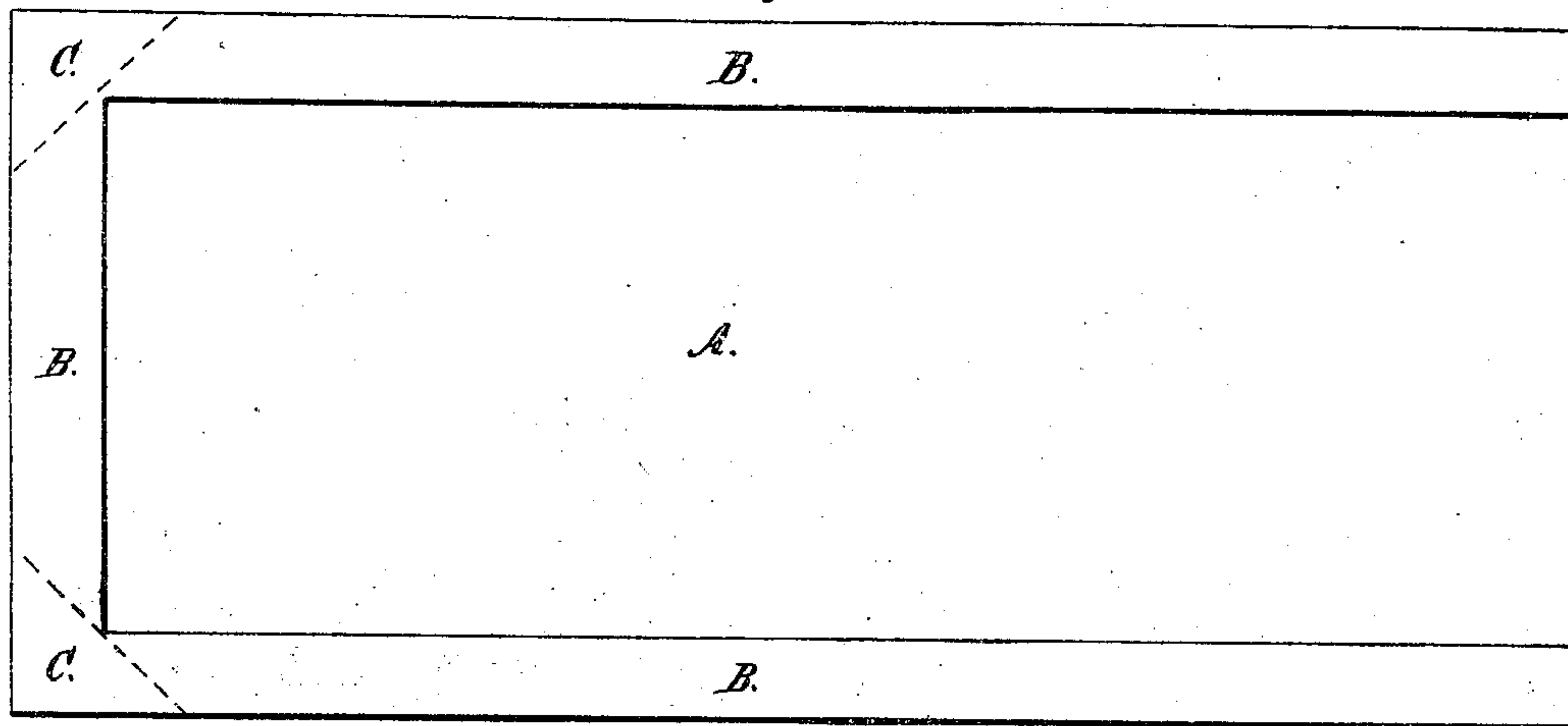


Fig. 2.



Fig. 4.

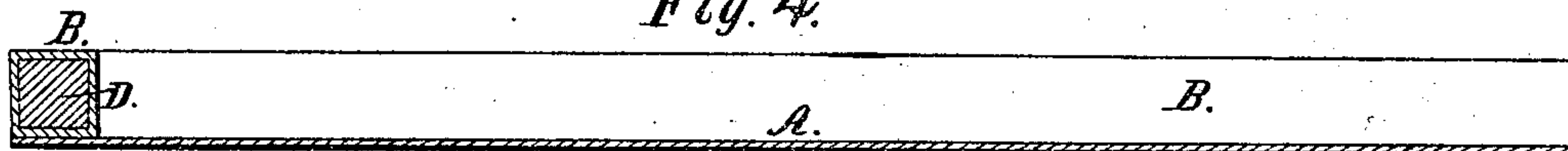


Fig. 3.

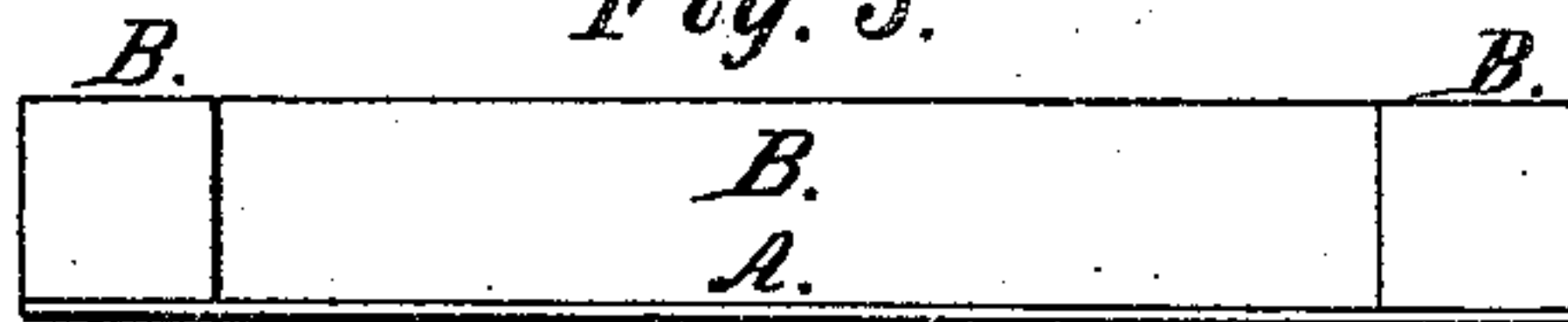
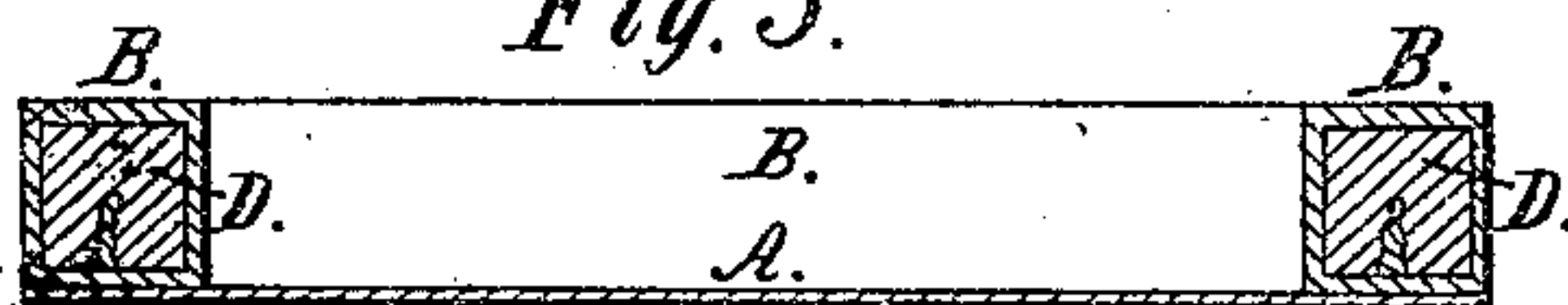


Fig. 5.



Witnesses.

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Inventor.

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United States Patent Office.

ALEXANDER T. DE PUY, OF NEW YORK, N. Y.

Letters Patent No. 93,422, dated August 10, 1869.

IMPROVEMENT IN PRINTERS' GALLEYS.

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, ALEXANDER T. DE PUY, of the city, county, and State of New York, have invented a new and useful Improvement in Printers' Galleys; and do hereby declare that the following is a general description thereof, reference being had to the accompanying drawings, making part of this specification, of which—

Figure 1 is a top view,

Figure 2, a side elevation,

Figure 3, an end elevation,

Figure 4, a longitudinal section, and

Figure 5, a transverse section of same.

The nature of my invention consists in constructing a printers' galley in such manner, that the galley shall have and retain a smooth, even surface, so as to lie evenly on the press-bed or imposing-stone, for the purpose of taking proof, and when necessary for washing type thereon, will not swell, warp, or become uneven when wet with lye, or other mixtures; and this I accomplish by attaching to the base-plate of the galley, a square brass tube, so as to form three sides of a parallelogram. This brass tube or rib I fill with wood, metal, or composition, and I connect the same with the base-plate by screws, solder, or other proper means; and thus I produce a printers' galley of improved construction, that will be found useful and convenient to the craft.

In the said drawings—

A indicates the base-plate of the galley, which may be of brass or other metal.

B B B are the square brass tube, which surmounts the brass base-plate, forming three sides of a parallelogram, attached to the base-plate by screws, solder, or other proper means.

This brass tube is filled at the angles C C with solder, and has angle-braces, so as to render the union of the parts solid and substantial, while the body of the tube is filled with close-fitting wood D D, as shown in figs. 4 and 5, and the ends may be stopped with brass, soldered so as to prevent access to the wood by lye or mixture, whereby a saving of valuable material is obtained, and the galley rendered substantial, not liable to get out of order, light and convenient to handle.

As a printer, experience taught me that the printers' galley, which forms an important part of the printers' apparatus, was, as at present constructed, very defective, inasmuch as it composed a metallic base-plate, surmounted by wooden ribs, and even when the ribs had an inside facing of brass, the wood, on being wet with lye or other mixture, became swollen, warped, and twisted out of shape, and the screws employed, became loose from corrosion, and protruded, so as to render taking of proof sometimes impossible.

These defects in the old style of printers' galleys, suggested to me the improvement herein set forth.

Having described my invention,

What I claim, and desire to secure by Letters Patent, is—

A printers' galley, provided with tubular ribs B B B, filled with wood D D, or composition, arranged and constructed as described, for the purposes set forth.

In testimony whereof, I have hereunto set my signature, this 3d day of July, 1869.

ALEXANDER T. DE PUY.

Witnesses:

A. NEILL,

ARTHUR B. WILLIAMS.