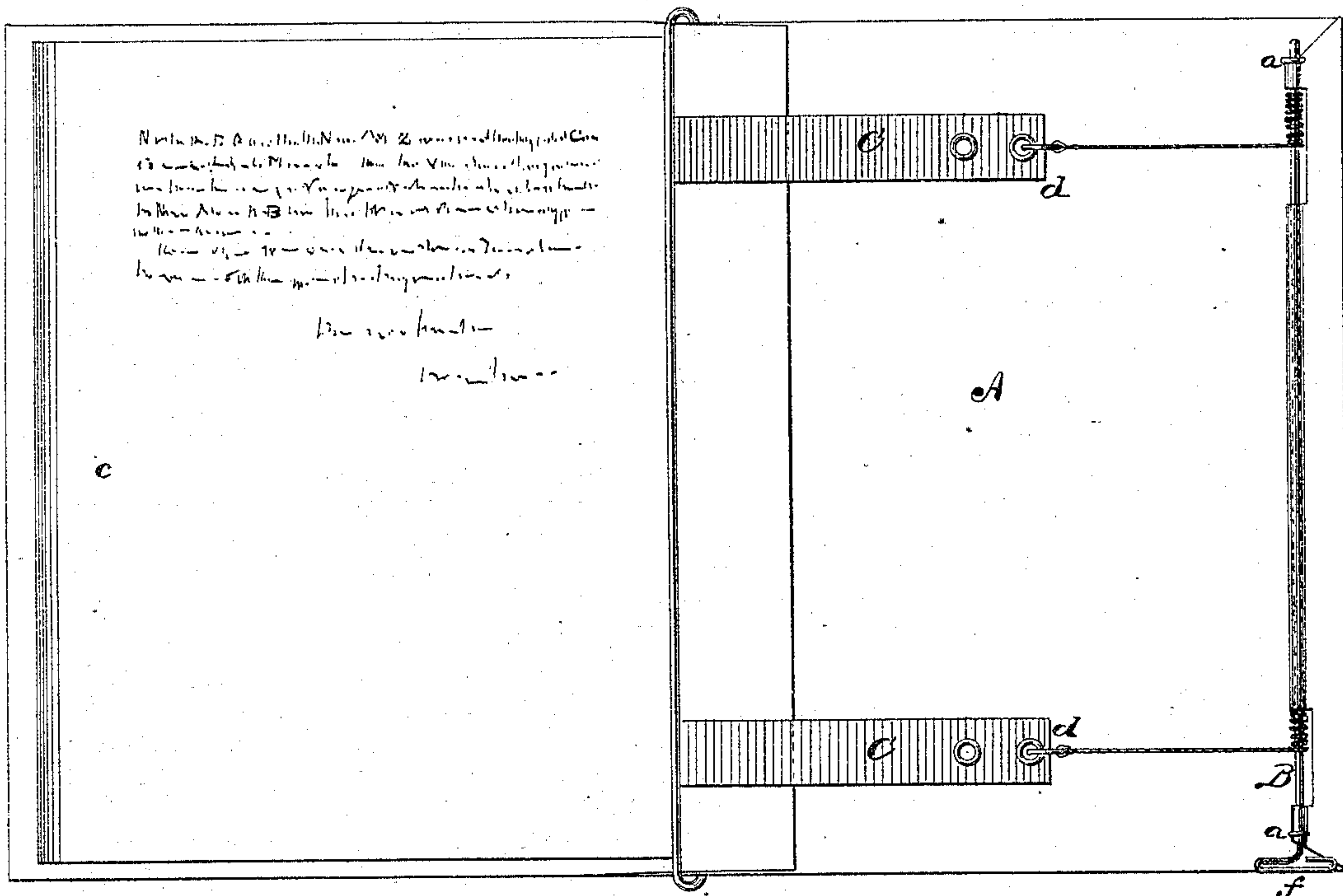


W. REID.

Temporary-Binders.

No. 157,869.

Patented Dec. 15, 1874.



Witnesses:

W. Lovell
H. L. Mattenberg

Inventor:

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UNITED STATES PATENT OFFICE.

WILLIAM REID, OF NEW YORK, N. Y.

IMPROVEMENT IN TEMPORARY BINDERS.

Specification forming part of Letters Patent No. **157,869**, dated December 15, 1874; application filed July 15, 1874.

To all whom it may concern:

Be it known that I, WILLIAM REID, of the city, county, and State of New York, have invented a new and Improved Temporary Binder; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention is in the nature of an improvement in temporary binders; and the invention consists in a temporary binder, constructed with a device, whereby the binding cords or tapes may be tightened or slackened at pleasure, substantially in the manner hereinafter described.

In the accompanying sheet of drawings, Figure 1 is a plan view of my improved binder.

In temporary binders, as ordinarily constructed, dependence is placed either upon having the binding-cord elastic or having it secured at one end to an elastic, so that the elasticity of the attachment will keep the cords taut; but in use it is found that this elasticity soon becomes weakened, and, in fact, at the very best, it is not sufficiently strong to retain the leaves of music, &c., sufficiently tight within the binder.

By my invention, however, all elastic devices are dispensed with, and a strong non-elastic cord or tapes are substituted, by the aid of which the leaves, music, &c., are held tightly in position in a firm and unyielding manner. To that end I secure to the cover A of the binder, by eyes *a*, or in any other suitable manner, a rod, B, in such manner as will enable said rod to turn freely in the eyes *a*. The binding cords or tapes C are passed through the leaves *c* with a needle, or in any other de-

sirable way, and the ends *d* are secured to the rod B, either by passing them through an eye in the rod or otherwise, and they are then wound up on said rod, by turning it to the right, by means of the cross-handle *f* on the end of the same; and when the binding cords or tapes have been wound up sufficiently tight, so that the leaves are firmly held between the two covers of the binder, the rod B is pushed inward until the cross-handle *f* rests against the inner side of the cover A, which prevents the rod B from turning and unwinding the binding-cords, so that they are held rigidly in position.

To slacken the cords, when desired, it is simply necessary to pull out the rod B sufficiently to clear the edge of the cover A, and turn it to the left, slackening the cord as much as desired, and restoring it to the position as before described.

From the foregoing it will be readily seen that the sides of my binder can be firmly, strongly held, and in a rigid manner, making the temporary binder as effective as a permanent binder would be, with the additional advantage of its being adjustable, so that any reasonable number of sheets or leaves may be admitted within its sides.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A temporary binder, constructed with a winding device, B, for tightening the binding cords or tapes, substantially in the manner and for the purpose described.

WILLIAM REID.

Witnesses:

JAS. H. OGILVIE,

H. L. WATTENBERG.