

(No Model.)

G. HUETHER.
BOOK BINDING BAND.

No. 365,520.

Patented June 28, 1887.

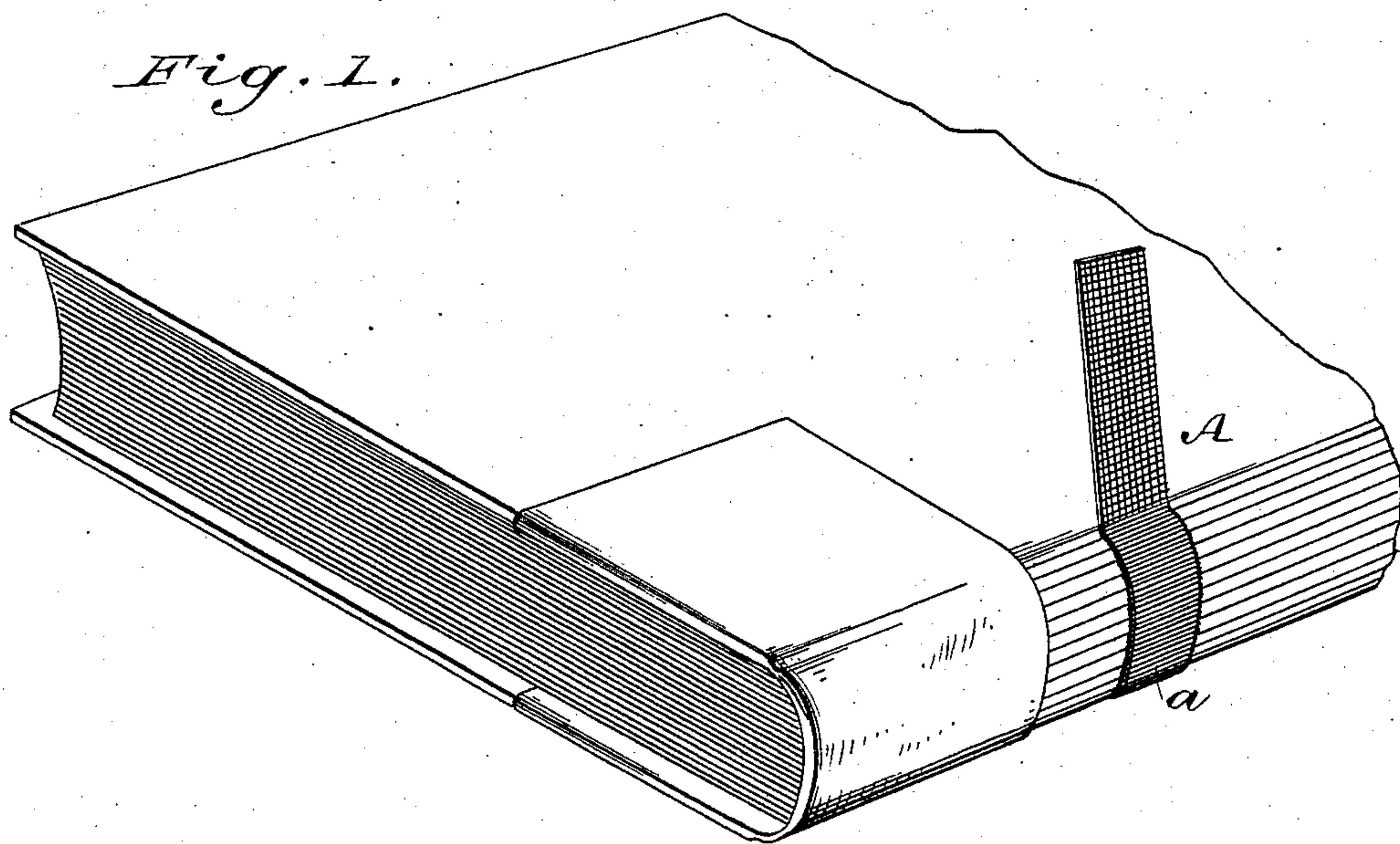


Fig. 2.

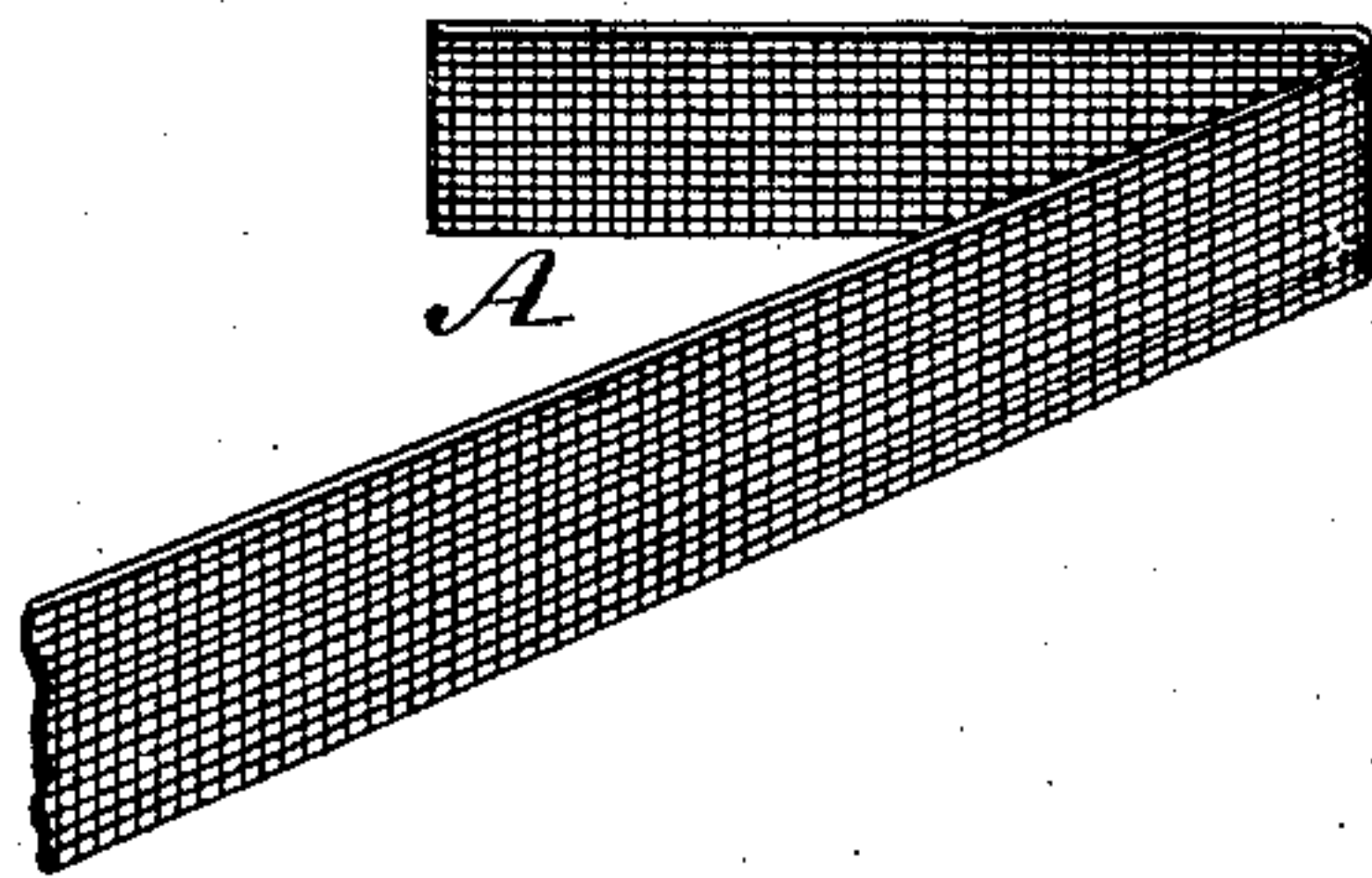


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE HUETHER, OF NEW YORK, N. Y.

BOOK-BINDING BAND.

SPECIFICATION forming part of Letters Patent No. 365,520, dated June 28, 1887.

Application filed February 25, 1886. Serial No. 193,239. (No model.)

To all whom it may concern:

Be it known that I, GEORGE HUETHER, of the city, county, and State of New York, have invented a new and Improved Book-Binding Band, of which the following is a full, clear, and exact description.

The object of my invention is to provide a woven book-binding band possessing the requisite strength, stiffness, and uniformity for its purpose, to take the place of the parchment or rawhide now in common use, which is unreliable, as it loses strength with age, and is irregular in thickness and weak in places, which cannot be detected by ordinary inspection, and is expensive.

My invention consists of a book-binding band woven of hempen cords as the warp, with a filling of fine cotton or other fine thread, as hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a part of a book having my new binding-band applied thereto. Fig. 2 is a perspective view of the band bent to illustrate its stiffness; and Fig. 3 is a plan view of a part of the band showing its structure.

A represents my new woven book-binding band, to which the leaves of the book are bound

or stitched by threads *a*, that pass through the leaves and over the band, as shown in Fig. 1. The ends of the band are to be glued or otherwise secured to the covers of the book in the ordinary way. The bands *A* are of uniform width and thickness, and hence of uniform strength, and are woven of the warp-cords *b*, preferably of twisted hemp or flax, and the fillings *c*, preferably of fine cotton thread, several being thrown in together, as shown clearly in Fig. 3. The bands after being removed from the loom are stiffened with starch or other material, so that when bent they will stand at any desired position, as illustrated in Figs. 1 and 2, which is necessary to avoid stretching the bands or drawing them taut when they are secured to the leaves of the book, and so the bands will not wrinkle, which would be fatal to a good binding.

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

As a new and improved article of manufacture, a book-binding band formed of the heavy twisted warp-cords *b*, bound or woven close together by the fine filling-threads *c*, substantially as described.

GEORGE HUETHER.

Witnesses:

H. A. WEST,
C. SEDGWICK.