

*J. Schlichting*  
*Book Binding*

*No 88,587.*

*Patented Apr. 6, 1869.*

Fig. 2.

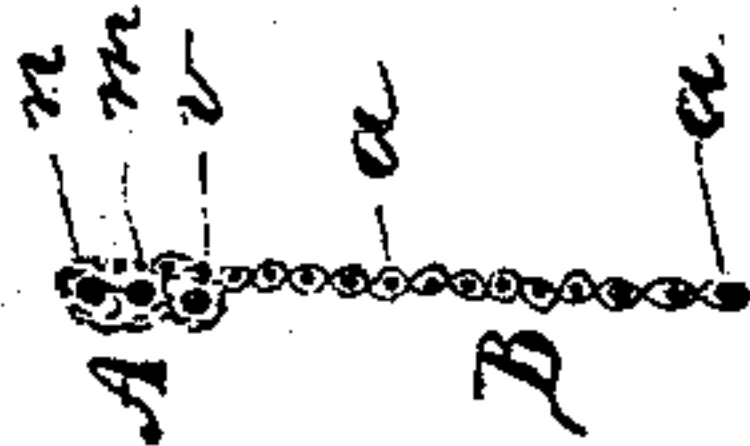
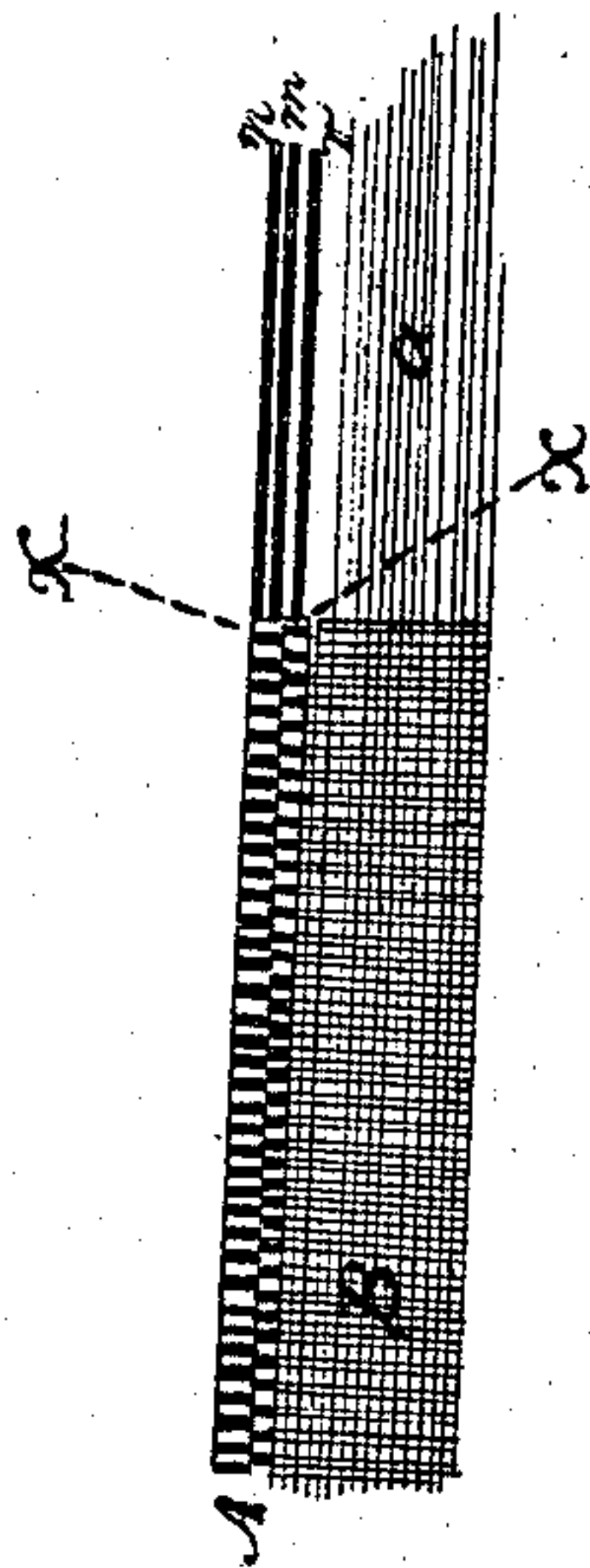


Fig. 1.



Witnesses

*Henry E. Raeder*  
*Edward Schnell*

Inventor

*Julius Schlichting*



JULIUS SCHLICHTING, OF NEW YORK, N. Y.

*Letters Patent No. 88,587, dated April 6, 1869.*

**IMPROVEMENT IN BOOK-BINDERS' HEAD-BANDS.**

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, JULIUS SCHLICHTING, of New York, in the county and State of New York, have invented a new and improved Head-Band for Book-Binding; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure I represents a front view, and

Figure II, a cross-section of my improved head-band.

The nature of my invention consists in manufacturing, as a new article of manufacture, a head-band, having the raised and ornamented part, and the plain-woven part, by which the same is glued and fastened to the back of the book, made in one piece, said raised part being ornamented by the use of colored woof.

The warp *a* is arranged of the required width in the loom, on one side of which, and above the regular warp-threads, two, three, or more, heavier threads, or cords, *n m v*, are arranged.

If the ornamented part A is required to be made very wide, or broad, a piece of parchment, or any other similar flexible substance, of the required width, may be placed between the heavier threads or cords.

The weft, or woof, which is used to weave the part B, of the required texture, is made to cross likewise, occasionally, the heavier cord-warp, or the piece of parchment, which may be used so as to connect the same with this part B.

After the weft has crossed once or twice the regular warp-threads *a*, or the warp-threads and cords, weft of a heavier texture, *x*, or of a number of threads, and of any desired color, is used to cross the heavier threads, or cords, or the cords and the piece of parchment, or its equivalent, and made to cross the same, as well as a few of the regular warp-threads, two, or more times, after which the regular weft is made to operate again, and then again the heavier, colored weft *x*, or a weft of a different color, as may be desired, or as the design may require, the colored weft *x* being only made to weave in with the cords, or cords and parchment, and the few warp-threads situated and arranged directly under and between the cords, or the cords and the parchment, or its equivalent, while the regular weft is made to weave in with the regular warp-threads, and occasionally, with the regular warp-threads and the cords, or cords and parchment, for the purpose of connecting the same with the plain-woven part B.

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

The herein-described head-band for book-binding, arranged and constructed, in the manner set forth, as a new article of manufacture.

JULIUS SCHLICHTING.

Witnesses:

HENRY E. ROEDER,  
EDWARD SCHNELL.