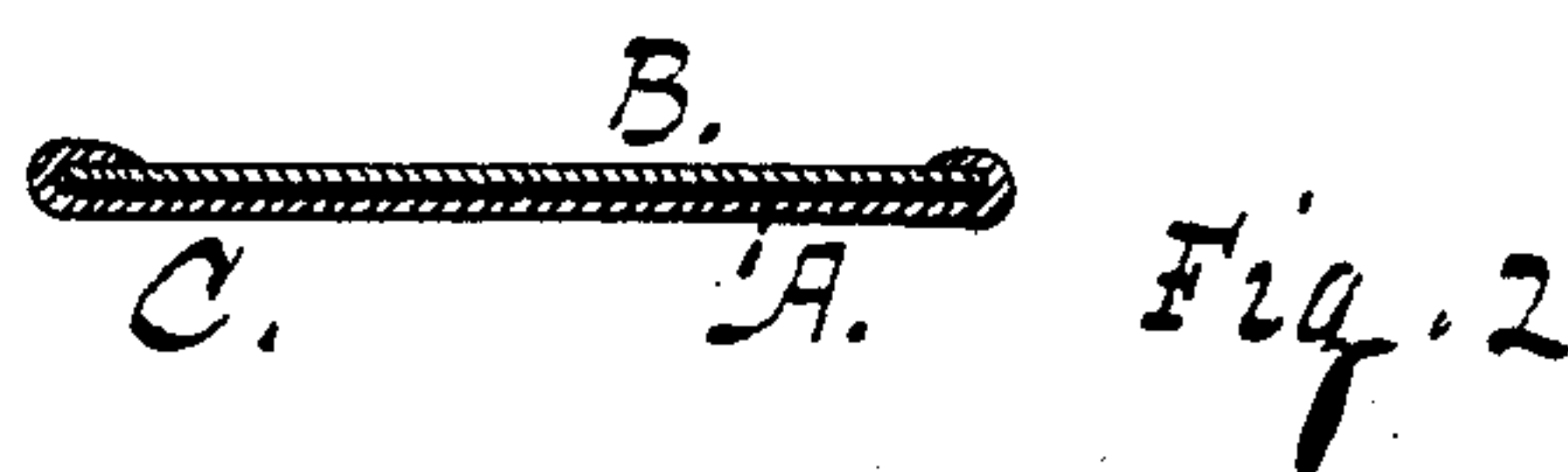
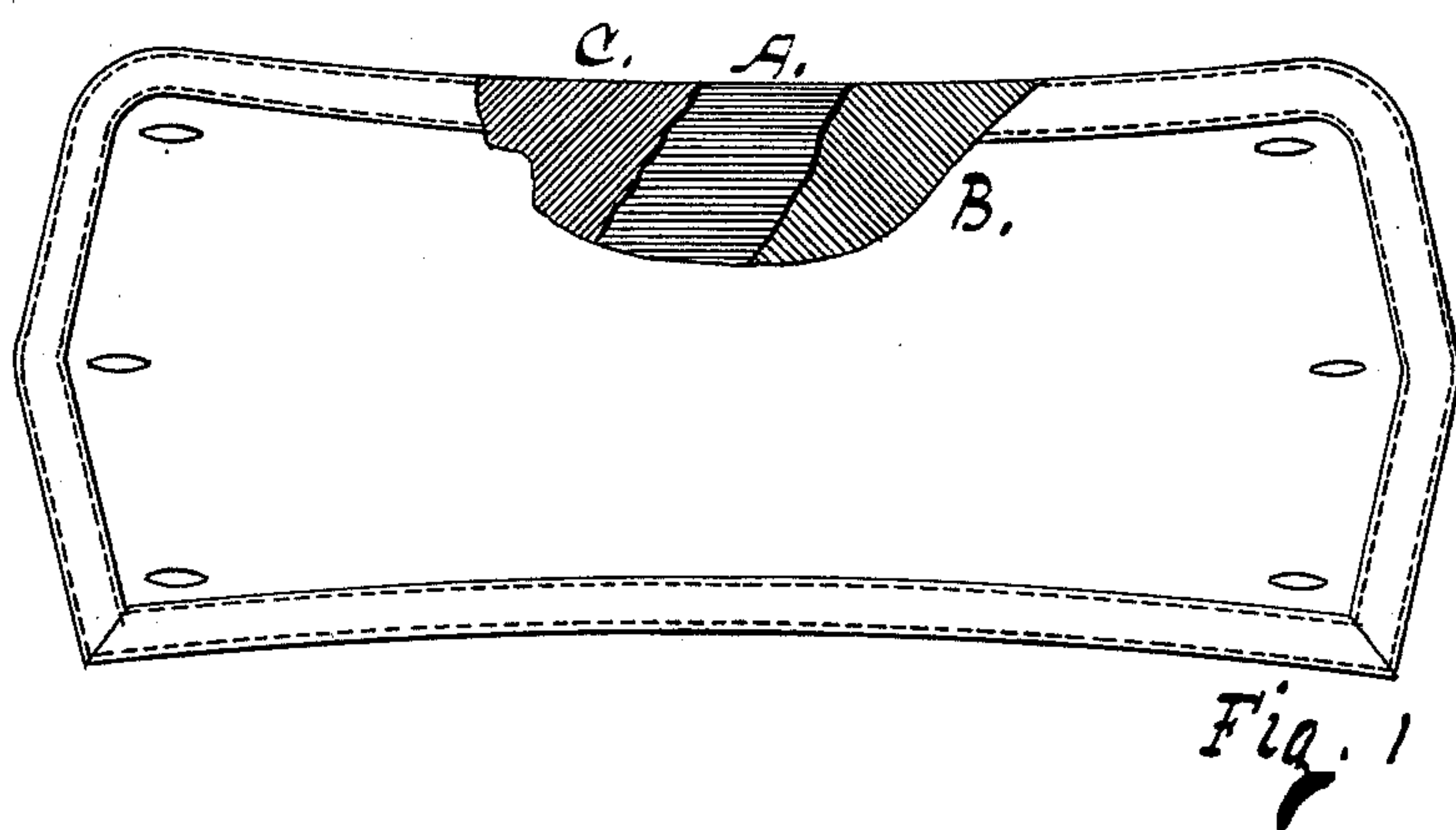


C. O. KANOUSE & A. A. SANBORN.  
Celluloid Collars and Cuffs.

No. 220,386.

Patented Oct. 7, 1879.



Witness

Elias Francis  
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Inventor

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By Horace H. Henshaw

# UNITED STATES PATENT OFFICE.

CHARLES O. KANOUSE AND ALBERT A. SANBORN, OF NEWARK, NEW JERSEY, ASSIGNORS TO CELLULOID WATERPROOF CUFF AND COLLAR COMPANY, OF NEW YORK, N. Y.

## IMPROVEMENT IN CELLULOID COLLARS AND CUFFS.

Specification forming part of Letters Patent No. **220,386**, dated October 7, 1879; application filed November 26, 1878.

*To all whom it may concern:*

Be it known that we, CHARLES O. KANOUSE and ALBERT A. SANBORN, of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Celluloid Collars and Cuffs, of which the following is a specification.

Figure 1 is a face view of a cuff, partly in section. Fig. 2 is a cross-section.

Our invention relates, in collars and cuffs made of celluloid or other forms of pyroxyline, to a method of giving strength and durability to these and similar articles of wear, and consists in uniting with the celluloid or other similar substance, some preparation of metal as metal in sheets, or as woven into fine wire-cloth.

In the manufacture of collars and cuffs, (we will in the specification only name cuffs as a representative article,) we take a piece of sheet metal, A, and one of celluloid, B, of the same size, and unite them by any cement used in the manufacture of celluloid goods, and over the metal side of the layers so united we cement a

layer of celluloid, C, and turn the edges over onto the back or celluloid side of the cuff; but this metal may be united in other ways, for it is not the method of uniting in which the novelty consists, but in the union itself.

We may also use the metal and celluloid in combination with linen or other fibrous materials, and a strip of metal may be used to bind over the edges of a cuff when made of celluloid, or of celluloid and linen combined.

We do not claim, broadly, the use of metal in the manufacture of collars and cuffs; but

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

In the manufacture of collars and cuffs, the combination of celluloid, or other forms of pyroxyline, and metal, and with or without a fibrous material, substantially as and for the purpose specified.

CHARLES O. KANOUSE.  
ALBERT A. SANBORN.

Witnesses:

HORACE HARRIS,  
J. C. TUNBRIDGE.