

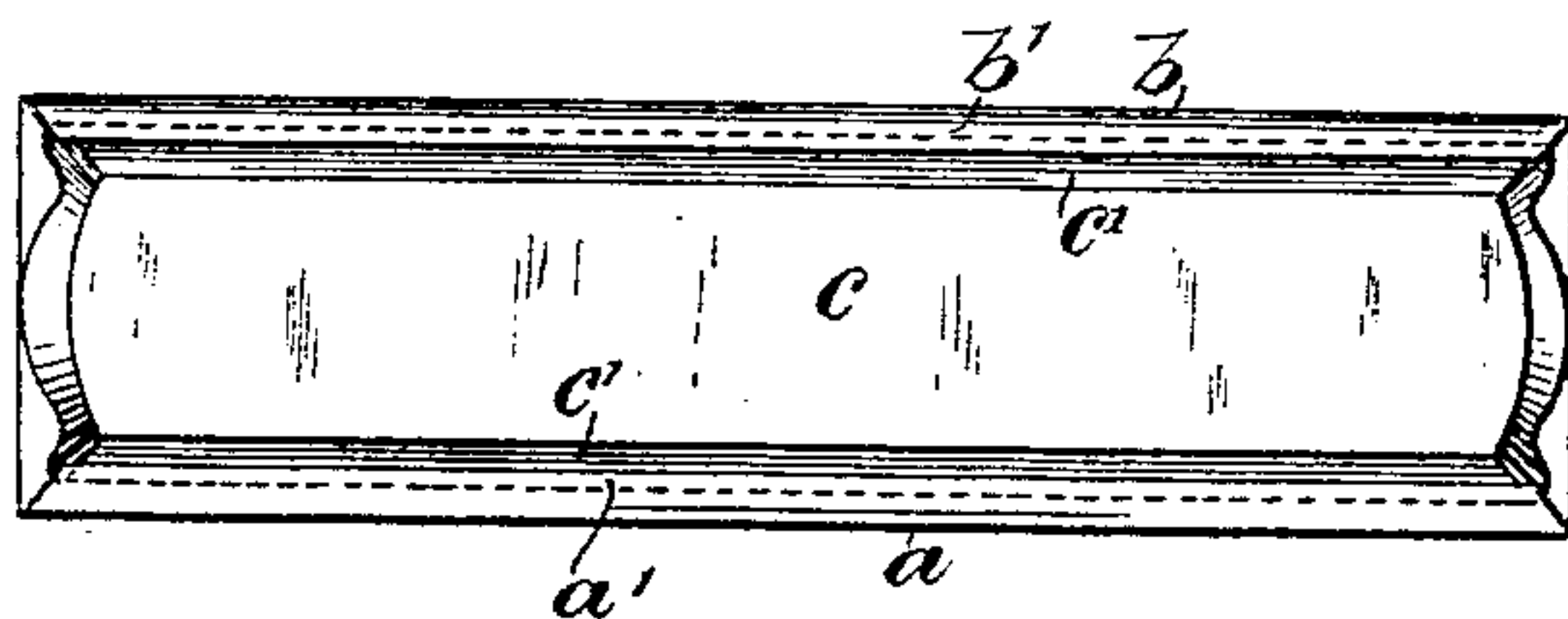
(No Model.)

R. SEYDEL.  
MOUTH ORGAN.

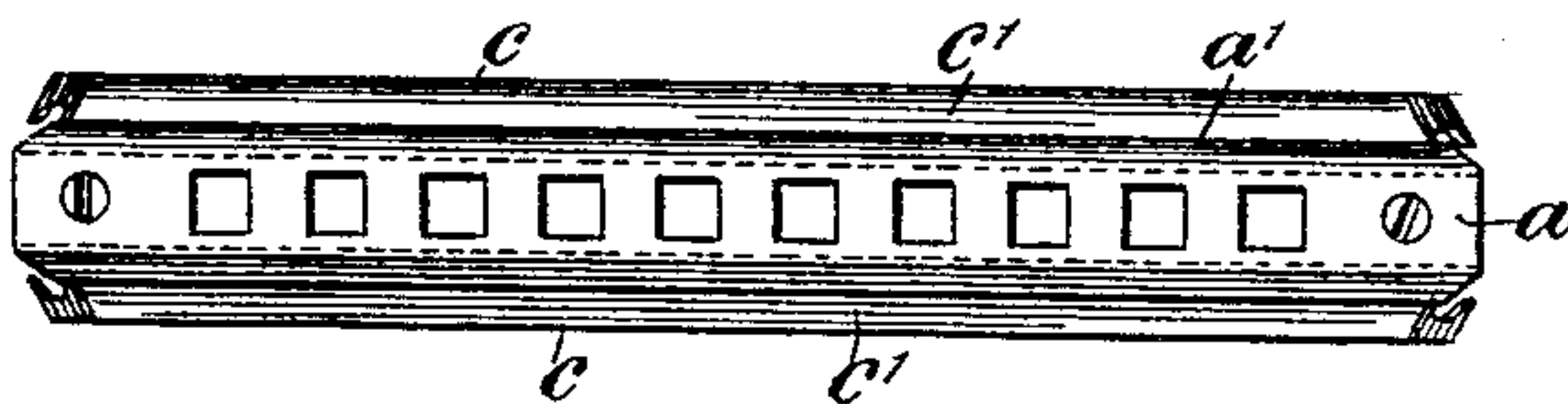
No. 495,842.

Patented Apr. 18, 1893.

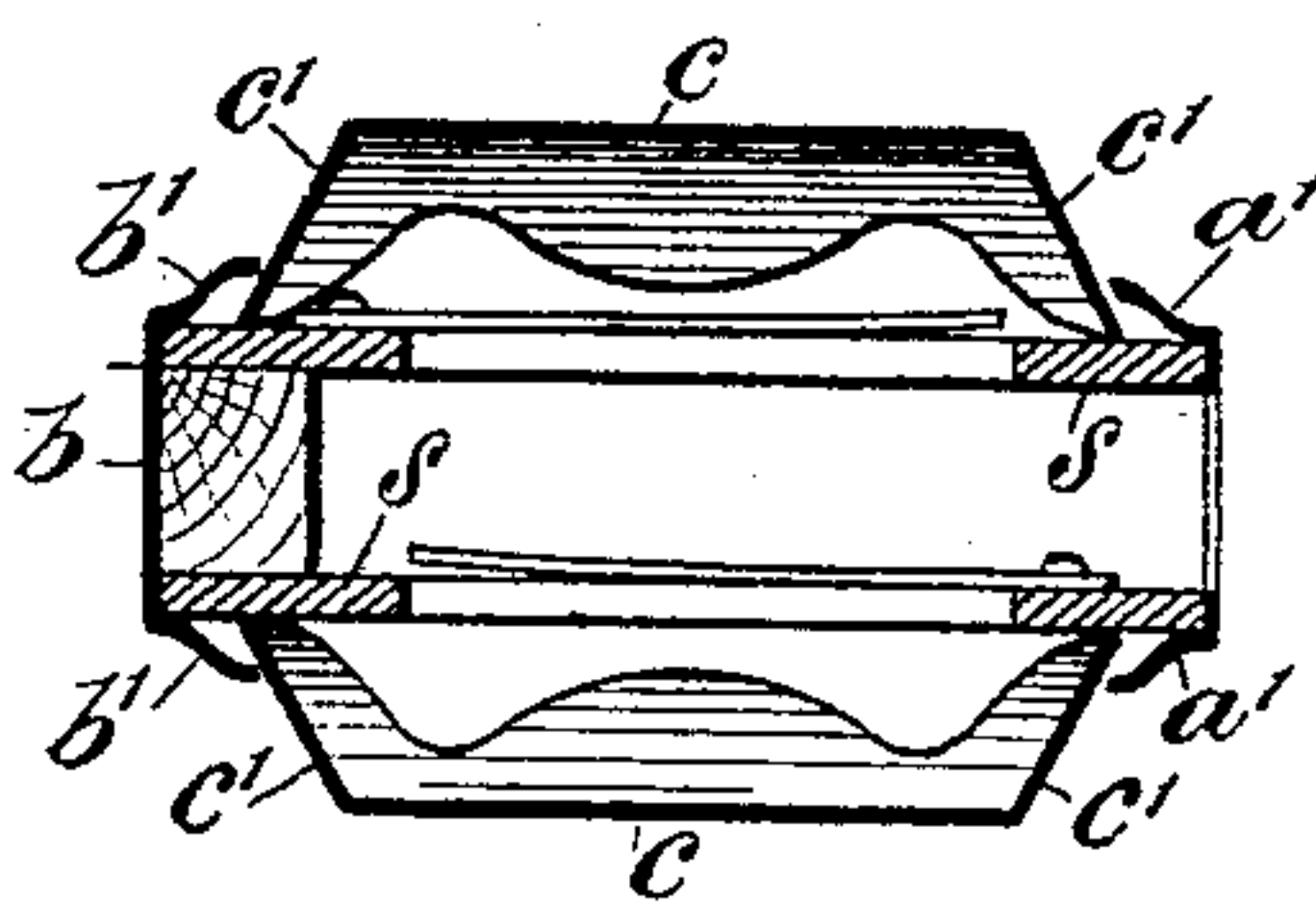
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Witnesses.*  
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# UNITED STATES PATENT OFFICE.

RICHARD SEYDEL, OF UNTERSACHSENBERG, GERMANY.

## MOUTH-ORGAN.

SPECIFICATION forming part of Letters Patent No. 495,842, dated April 18, 1893.

Application filed December 27, 1892. Serial No. 456,436. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD SEYDEL, manufacturer, a subject of the King of Saxony, residing at Untersachsenberg, in the Kingdom of Saxony, Germany, have invented Improvements in Mouth-Organs, of which the following is a specification.

Figure 1 is a plan; Fig. 2, a front elevation, and Fig. 3 a transverse section of my improved mouth organ.

In the said drawings the covers are shown arranged in such a manner that they can be readily displaced or removed.

The methods hitherto employed for fixing the protecting covers over the reeds in mouth organs are not of a practical nature, since in order to clean the said reeds and put them in order it is necessary to use tools for separating the cover therefrom. Moreover the fastenings, such as screws, pins and the like, are liable to be lost. The attempts heretofore made for the purpose of rendering the said covers easily removable have realized no such practical results as can be obtained by fastenings made according to the present invention.

In my present invention the covers *c* are arranged to slide with their bent edges *c'* in channels which are formed by the bent portions *a'* and *b'* of the facings of the mouth piece *a*, and of the rear plate *b*; these bent portions *a'* and *b'* extend over the reed-plates *s*. The bent portions have a further object beyond that of guiding the covers *c*, viz: rendering it possible for the mouth organ to be played without the said covers. If the bent portions *a'* and *b'* were not present this could

not be done, because in that case the lips would come into contact with the tongues and thus cause them to lose their tone. The mouth organ may be used without the covers if the latter have been damaged or if the player does not wish to have the full tone. The facings *a* and *b* and the covers *c* may be variously formed so as to produce an ornamental effect. The facings and the cover may be constructed of any desired materials, for instance of nickel plate, celluloid or the like. Moreover, slits may be provided at the ends of the covers for facilitating the withdrawal of the same, or round openings formed in the middle of the covers, serving both to facilitate the sliding out and also to modify the sound. Sound holes, may also be arranged in the edges of the sliding cover, &c. The essential feature is however the formation of the channels by the facing material.

I claim—

1. In a mouth organ the covers adapted to slide in channels or bent portions of the facings on the mouth side and on the rear side.

2. In a mouth organ, the channels or bent portions of the facings on the mouth side and on the rear side in which the covers slide, and constructed as described so that they project over the reed-plate and prevent the lips from coming into contact with the tongues or reeds when using the mouth organ without a cover or covers.

RICHARD SEYDEL.

Witnesses:

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