

G. F. Schaffer,
Dental Articulator.

No. 99598.

Patented Feb. 8. 1870.

Fig. 1.

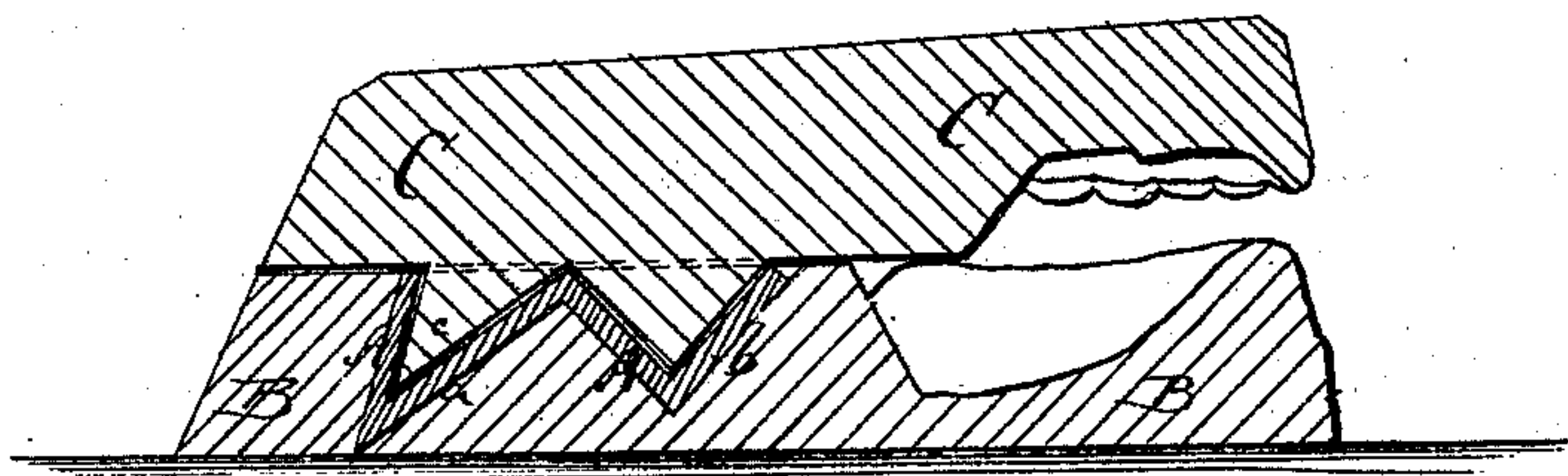
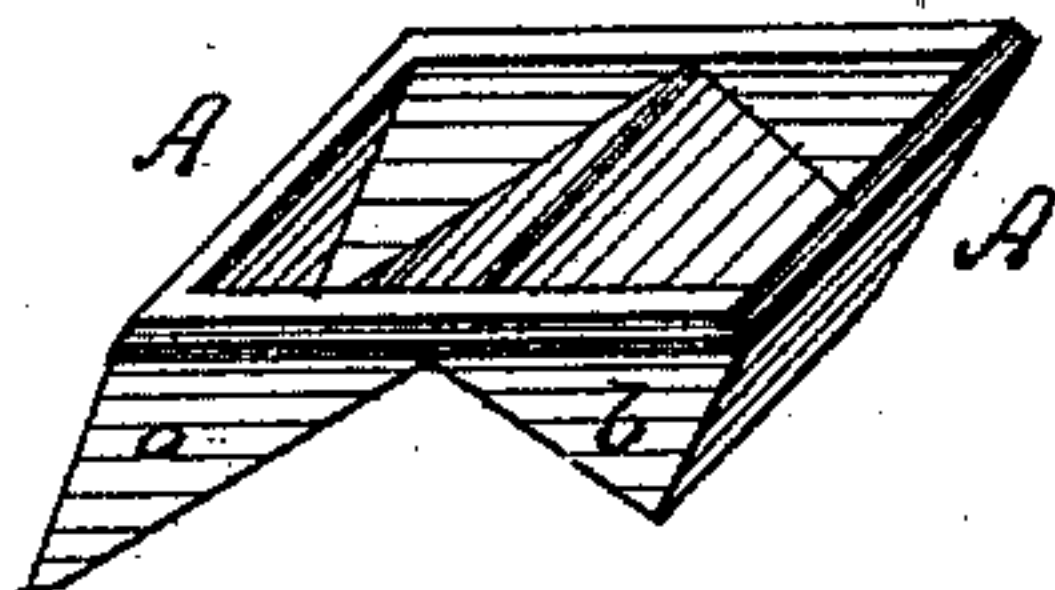


Fig. 2.



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United States Patent Office.

GEORGE F. SCHAFFER, OF NEW YORK, N. Y.

Letters Patent No. 99,598, dated February 8, 1870.

IMPROVEMENT IN DENTAL ARTICULATORS.

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, GEORGE F. SCHAFFER, of the city, county, and State of New York, have invented a new and improved "Dentists' Articulator;" and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a longitudinal section of my improved "dentist's articulator."

Figure 2 is a perspective view of the joint of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a convenient "joint" for dentists' articulators, which will prevent the two parts of the same from being brought closer together than is necessary.

Heretofore the articulators were formed either on metal frames, which were very apt to spring together, or they were made of two pieces of plaster, with ribs and corresponding grooves for joints. Neither of these forms produced a connection sufficiently firm to prevent the front ends of the two parts from swinging together.

My invention consists in the use of a box, A, made

of metal, or other suitable rigid material, and of suitable size.

The lower part B of the articulator is cast around it, so that the open upper part of the box is flush with the surface of the piece B.

The box forms a backward-inclined socket, *a*, and may, if desired, have, besides that, some other depressions, *b*.

The upper part C of the articulator, being cast upon the part A B, will form a backward-inclined toe, *c*, reaching into the box.

Whenever the two parts of the articulator are brought together in the manner shown in fig. 1, the toe in the joint-box will effectually prevent their front ends being brought nearer each other than is intended. This is important, as otherwise the accurate length of teeth cannot be obtained for artificial teeth.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The box A, applied to a dentist's articulator, to serve as a joint for the two parts of the same, as set forth.

GEORGE F. SCHAFFER.

Witnesses:

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