

C. BANCROFT.
Dental Coffer-Dam Clamps.

No. 151,265.

Patented May 26, 1874.

Fig. 1.

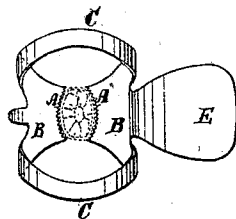


Fig. 2.



WITNESSES:

A. Remmele
Chas. Quick

INVENTOR:

C. Bancroft

BY

Wm. H. [Signature]

ATTORNEYS.

UNITED STATES PATENT OFFICE.

CLARKSON BANCROFT, OF BROOKLYN, NEW YORK, ASSIGNOR TO SAMUEL S. WHITE, OF PHILADELPHIA, PA.

IMPROVEMENT IN DENTAL COFFER-DAM CLAMPS.

Specification forming part of Letters Patent No. 151,265, dated May 26, 1874: application filed March 14, 1874.

To all whom it may concern:

Be it known that I, CLARKSON BANCROFT, of Brooklyn, Kings county, New York, have invented a new and Improved Dentists' Coffe-Dam Clamp, of which the following is a specification:

My invention consists of a tongue holder and guard combined with the coffer-dam clamp in such a way that the clamp supports it in a manner calculated to be of great service in keeping the tongue of the patient away from the tooth during the filling or other process of treatment, and in protecting the tongue from injury by the tools—particularly the revolving corundum-wheels, now largely used—and also the burrs, and the like.

Figure 1 is a plan view of my improved clamp and tongue-guard, and Fig. 2 is a front elevation.

Similar letters of reference indicate corresponding parts.

A represents the jaws of the clamp for gripping the tooth and binding the rubber coffer-dam upon it. These jaws I form on the edges of steel plates, B, about as wide as will allow of applying to teeth of different sizes, and

widening each way from the clamp backward a suitable distance for strength; and the ends of the outer edges are connected by the bow-springs C, which rise sufficiently high to extend over the top of the teeth; also to allow of introducing the tool under them to work at the tooth, if necessary; and they are also sufficiently wide apart to allow of applying the tool between them when necessary. The jaws, springs, and the tongue-guard are all made of a single plate of spring-steel. The tongue-guard is also adapted for holding a small mouth-mirror to aid the operator, the mirror being fastened on it by a clamp of any kind.

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

A dentist's dam-clamp, consisting of jaws, jaw-plates, bow springs, and tongue-guard, all constructed and combined as shown and described.

CLARKSON BANCROFT.

Witnesses:

T. B. MOSHER,
A. F. ROBERTS.