

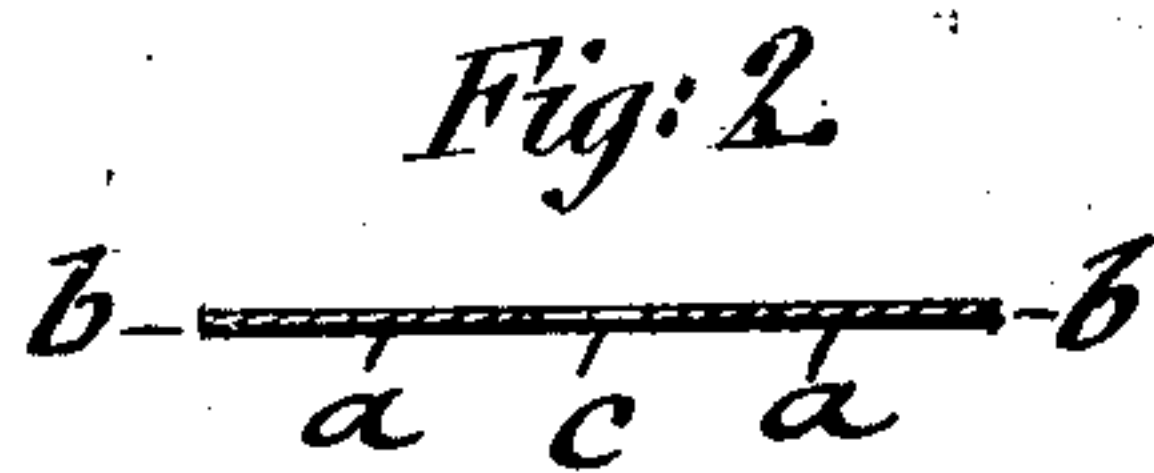
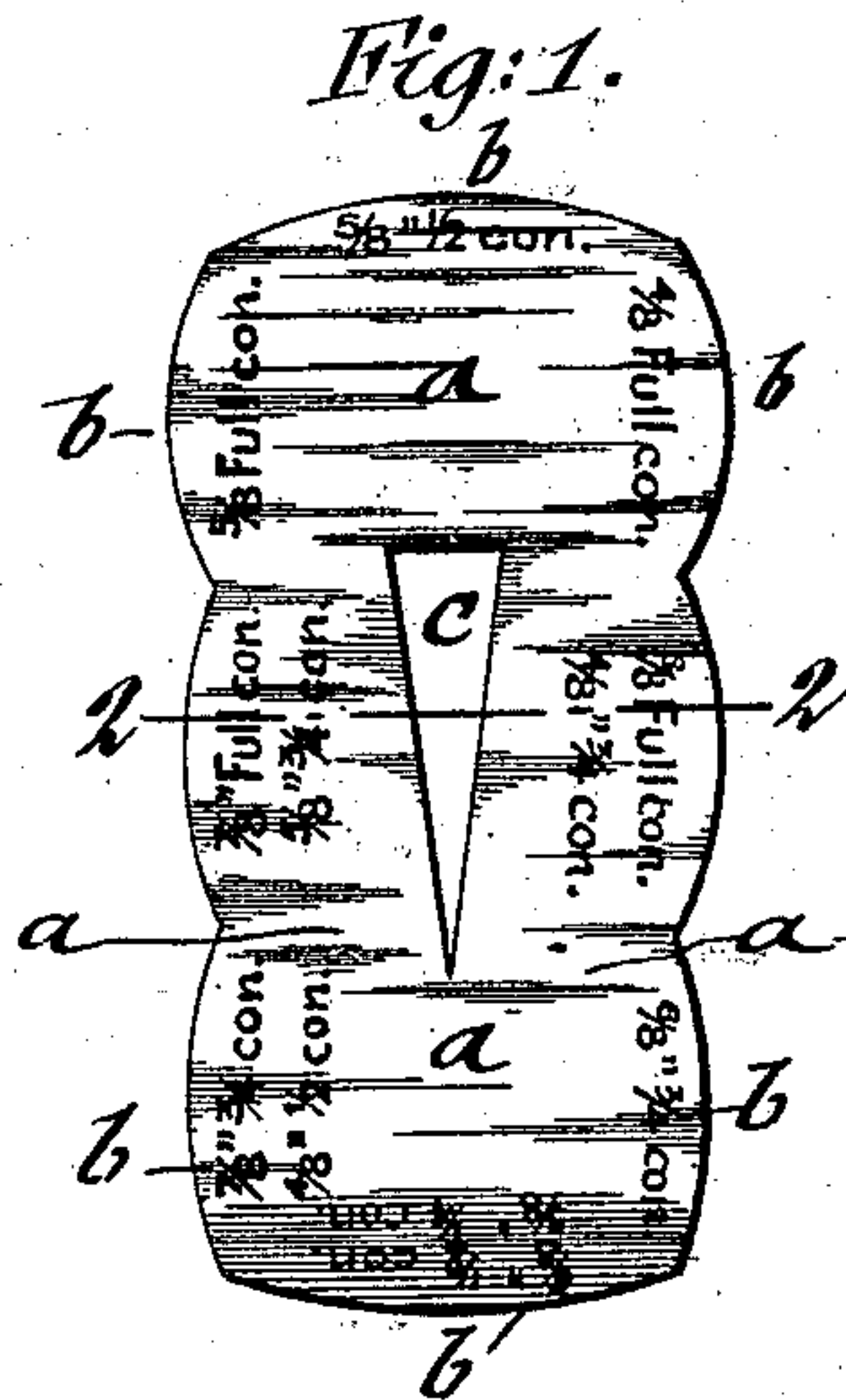
No. 692,576.

Patented Feb. 4, 1902.

A. WITTE.  
RAZOR GAGE.

(Application filed Oct. 8, 1901.)

(No Model.)



WITNESSES:

Margaret Potter  
George B. Geibel

INVENTOR

Alexis Witte  
BY  
James W. Wall  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

ALEXIS WITTE, OF BROOKLYN, NEW YORK.

## RAZOR-GAGE.

SPECIFICATION forming part of Letters Patent No. 692,576, dated February 4, 1902.

Application filed October 8, 1901. Serial No. 77,969. (No model.)

*To all whom it may concern:*

Be it known that I, ALEXIS WITTE, a citizen of the United States, residing in New York, borough of Brooklyn, and State of New York, have invented certain new and useful Improvements in Razor-Gages, of which the following is a specification.

This invention relates to an improved razor-gage which is intended to be used by barbers and others who use a large number of razors as a practical means to test almost instantly whether the thickness of the backs of razors compare to the width, conform to a certain standard, and to readily determine the concavity of the blade; and for this purpose the invention consists of a razor-gage composed of a flat plate provided with a wedge-shaped opening and with a plurality of convex arcs formed at the sides and ends of the plate, said arcs determining the different concavities to which the razors are ground, while the wedge-shaped opening serves for gaging the thickness of the back of the blade, as will be fully described hereinafter and finally pointed out in the claims.

In the accompanying drawings, Figure 1 represents a front view of my improved razor-gage; and Fig. 2 is a horizontal view of the same on line 2 2, Fig. 1.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, *a* represents a plate, preferably of brass or German silver, which is approximately oblong in shape and provided at its sides and ends with convex arms *b* of different sizes corresponding to the full, partly-full, or other degrees of concavity to which razor-blades are ground. At the center of the plate *a* is arranged a tapering opening *c*, which serves for determining whether the razor has the proper proportionate thickness of back as compared to its width, so as to produce the proper angle for honing. The convex arcs are of different degrees of curvature and are provided with marks denoting full, three-quarters, half, &c., concavity.

My improved razor-gage is used as follows: To determine whether a razor is ground to the proper concavity, its concaved side is applied to one of the arcs on the gage until the arc

corresponding thereto is found and the required concavity determined thereby. The marks on the side of the plate will then show whether the degree of concavity corresponds to the fixed standard of concaving. A person can thus readily determine whether the razor has a full or partial concavity and whether it corresponds to the standard required. The razor is then inserted with blade downward into the opening of the plate. If its thickness corresponds with the opening, the razor is made according to normal requirements, and if thinner or thicker it can be easily seen that the same is not according to standard requirements.

My improved razor-gage forms thereby a useful device for barbers and others who use a large number of razors for properly controlling the razors supplied to them and whether they are according to the requirements as to thickness of back and concavity. As the different arcs are marked so as to correspond to the standard thickness of back and concavity, the thickness of back and concavity of razors can be quickly determined, and thereby in purchasing razors the required standard of concavity and proper proportions of thickness of back to width controlled.

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

1. A razor-gage, consisting of a plate generally rectangular in outline, but provided at its edges with convex arcs each different in curvature from the others, substantially as set forth.

2. A razor-gage, consisting of a plate generally rectangular in outline, but provided at its edges with convex arcs each different in curvature from the others, and a uniformly-tapering gage-opening in said plate, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

ALEXIS WITTE.

Witnesses:

PAUL GOEPEL,

GEORGE C. GEIBEL.