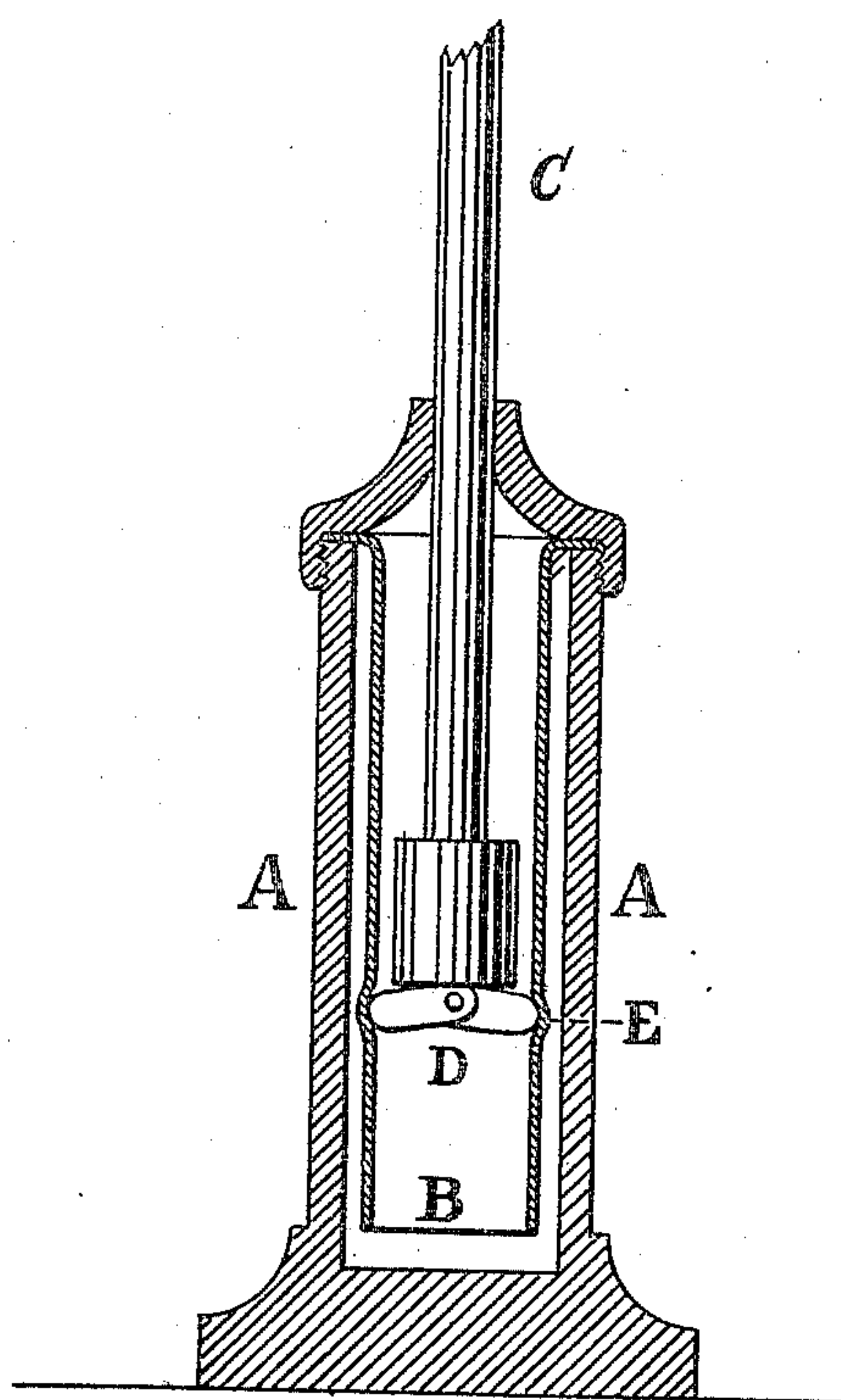


(No Model.)

O. LUETKE.
STANDARD FOR LAMPS.

No. 409,214.

Patented Aug. 20, 1889.



Witnesses:

A. Langefeld
St. Hous. lcr

Inventor:

Oscar Luetke

UNITED STATES PATENT OFFICE.

OSCAR LUETKE, OF BROOKLYN, NEW YORK.

STANDARD FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 409,214, dated August 20, 1889.

Application filed November 1, 1888. Serial No. 289,764. (No model.)

To all whom it may concern:

Be it known that I, OSCAR LUETKE, of Brooklyn, Kings county, State of New York, have invented a new and useful Improvement in Adjustable Standards, of which the following is a specification.

My invention relates to an improvement in adjustable standards, such as are used on piano-lamps, music-stands, and similar articles; and the object of my invention is to provide a bearing-surface for the protruding parts of the adjusting mechanism, which surface will yield sufficiently or become indented so as to give the slide a hold without showing any dents on the outside of the standard and without cutting or abrading the inside of the stationary part of the standard and wearing it out. I attain these objects by the combination illustrated in the accompanying drawing, showing a standard in section, in which—

A A represent the lower stationary part of the standard; B, a fixed internal tube; C, the slide with an expanding mechanism D attached. E shows an indenture in the tube B. The tube B is made of annealed brass or a similar soft metal thin enough to yield and strong enough to carry the slide. Any one of the various expanding mechanisms applicable to adjustable standards—as, for instance, the one for which Letters Patent No. 390,381 were granted to me October 2, 1888—having one or more parts or jaws which are caused to expand, widen out, project, or protrude from the slid-

ing part C within the part A A when the slide is to stop, may be used in combination with my improvement, which consists of the soft-metal tube B, inserted and fixed into the standard A A and containing the slide C with expanding mechanism D. When D is expanded, it will cause a sufficient indentation in the tube B to give the slide C a hold or resting-place without showing any dent on the outside of A A to spoil its appearance, and without injuring, abrading, or wearing out the inside of A A. When the tube B becomes dented all over, then the expanding part D will naturally slip into one of the dents already made, so that the tube B remains equally good for its purpose no matter how often the slide is set.

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

An adjustable standard consisting of an upright stationary tube, a movable tube telescoping into the stationary tube, a soft-metal tube supported in the stationary tube, and an expanding mechanism attached to the telescoping tube and longitudinally adjustable in the soft-metal tube and constructed to produce indentures in the soft-metal tube to hold it in its adjusted position.

OSCAR LUETKE.

Witnesses:

A. LANGERFELD,
ST. HEUSLER.