

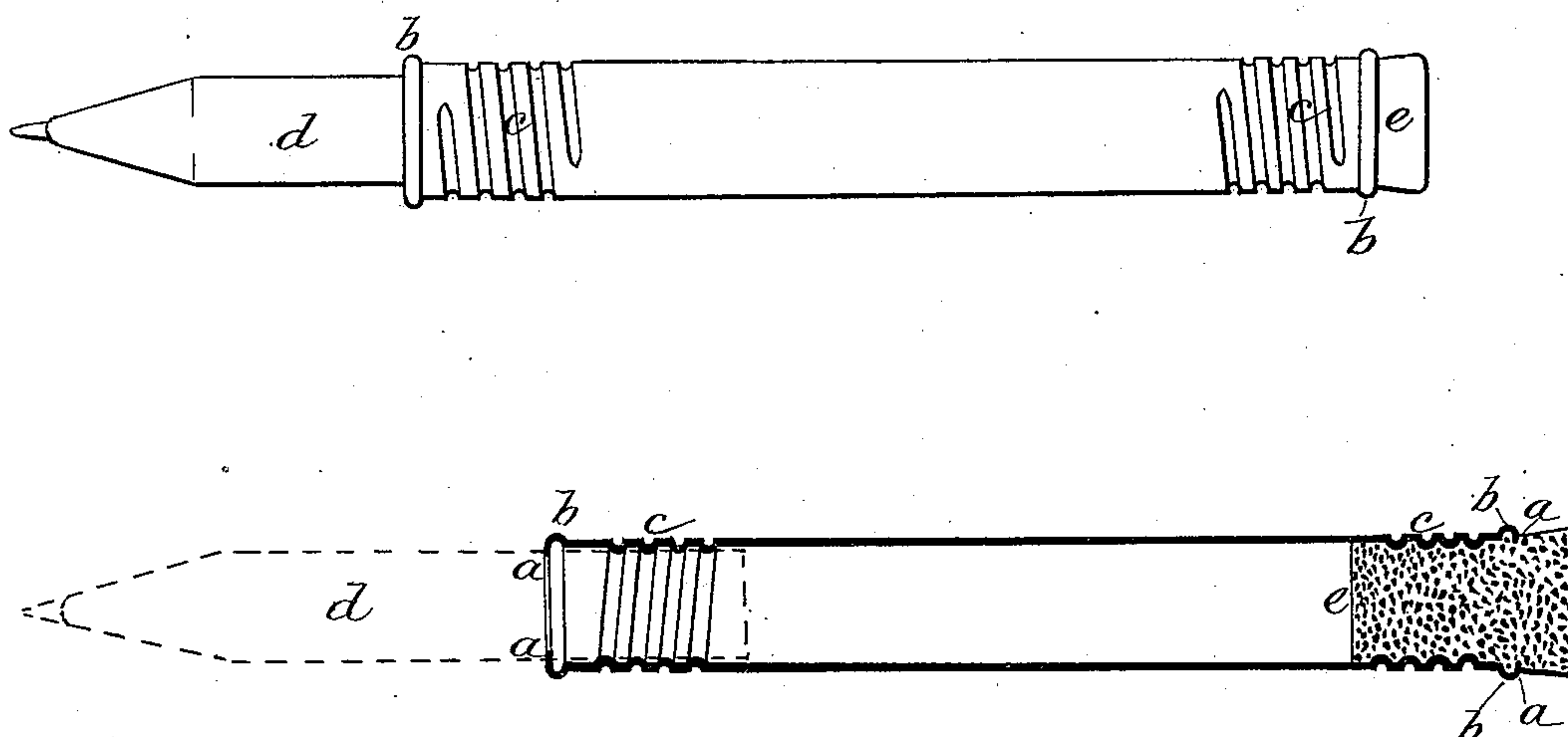
(No Model.)

J. CAIN.

RUBBER ERASER AND PENCIL HOLDER.

No. 343,007.

Patented June 1, 1886.



Witnesses:-
A. B. Grant
A. B. Rawlin

Inventor:-
Jacob Cain
by Johnson and Johnson
Attys.

UNITED STATES PATENT OFFICE.

JACOB CAIN, OF FORT WAYNE, INDIANA.

RUBBER-ERASER AND PENCIL HOLDER.

SPECIFICATION forming part of Letters Patent No. 343,007, dated June 1, 1886.

Application filed February 18, 1886. Serial No. 192,357. (No model.)

To all whom it may concern:

Be it known that I, JACOB CAIN, a citizen of the United States, residing at Fort Wayne, in the county of Allen and State of Indiana, have invented new and useful Improvements in Rubber-Eraser and Pencil Holders, of which the following is a specification.

My improvement consists of a tubular holder formed with an interior edge-gripping rim for a piece of rubber at one end and for a pencil at the other end, the object being to provide such holder with gripping-edge rims for short pieces of pencil, so that they can be used up almost entirely, and thus but little waste, and to provide a firm hold for both the pencil and the piece of rubber at each end of the tube, just where the hold is most needed for firmness in use. These objects I accomplish by forming each end of the holder with an inward-spun biting edge or rim in connection with a spun screw back of said spun edge.

The drawing shows my eraser and pencil holding tube in elevation and in longitudinal section, in which *a* shows an inward-turned circular edge at each end formed so as to give it strength, and a biting-edge standing inward, so that the opening in each end of the tube will be of a little less diameter than the interior of the tube back of said biting-edges. These biting-edges are formed by a spun bead, *b*, on each end of the tube, which gives a strong outside round finish, terminating in an inside biting-edge perfectly circular. Back of these circular biting-edges each end of the tube has a spun screw-thread, *c*, so that the piece of pencil, *d*, and a piece of rubber, *e*, being inserted far enough to be screwed over and held by the spun screw *c*, are each held by a separate and distinct ring-grip biting into them at the ends of the tube, so as to re-enforce the hold of the spun screw just at the point at which the pencil or rubber needs the greatest support against lateral strain in use, and thereby allow short pieces of pencil to be used up with little waste.

The holder is long enough to give a convenient hold in writing, and its ends are stiffened by the turned beads, which form the biting-

edges, which supplement the holding spun screws. In the sectional view a piece of rubber and a piece of pencil are shown as being firmly held by the end biting-ring edges, the pencil being in dotted lines.

It is an important advantage, due to the construction of the tube ends with spun beads *b*, that while re-enforcing the end of the tube so as to prevent it from splitting, it gives a slight yielding capacity to the interior-projecting gripping-rim that facilitates the insertion of the pencil, because the gripping-rim is formed by a circular crimp or edge bend completely around the end edge of the tube, and can be sprung over the pencil. This spun bead *b* is not a part of the screw-thread *c*, which is common in such articles, but is independent of it, and forms a distinct biting-edge, *a*, at the ends of the tube. In fact, by my improvement the usual spun screw, *c*, for holding the rubber or pencil may be dispensed with, because the edge bead forms the hold all around the edge of the tube upon the article, biting into it, so that back of it the rubber or pencil need only be supported upon the inner walls of the tube. As the edge *a* of the bead *b* stands inward, it will yield sufficiently to allow the rubber or pencil to be inserted and bound by the end of the tube independent of the screw-spun thread.

I claim—

The tubular rubber-eraser and pencil holder herein described, consisting of the tube having each end formed with a spun edge bead, *b*, terminating in an inward-projecting circular biting edge or rim, *a*, forming the entrance-opening of less diameter than the interior of the tube, the latter having spun screw-threads back of said interior-projecting circular biting-rims, as described, for the purpose stated.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

JACOB CAIN.

Witnesses:

CHAS. B. FITCH,
ROBERT CUNNINGHAM.