

C. H. BEEBE.
Padlock.

No. 215,429.

Patented May 20, 1879.

Fig. 1.

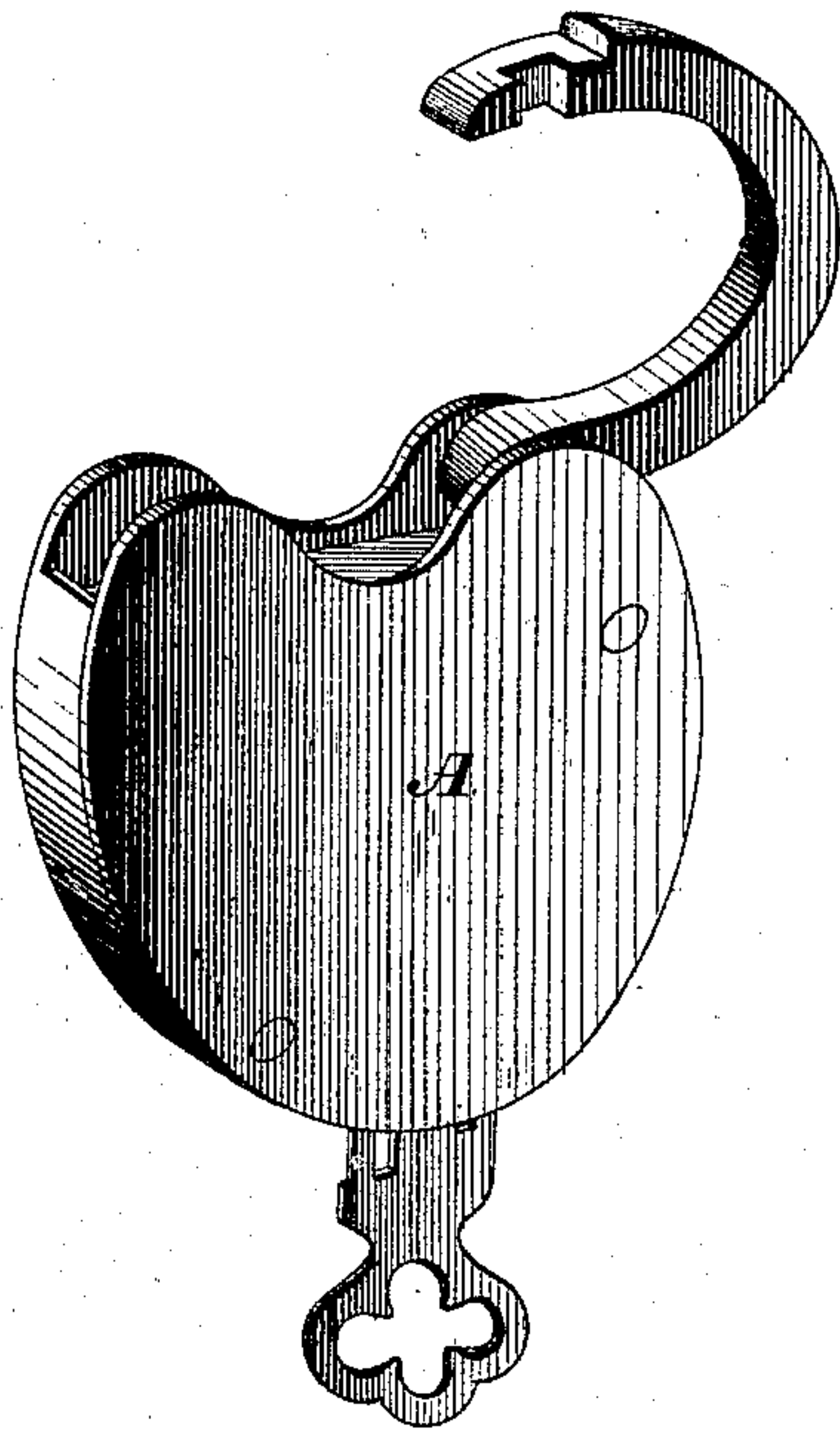
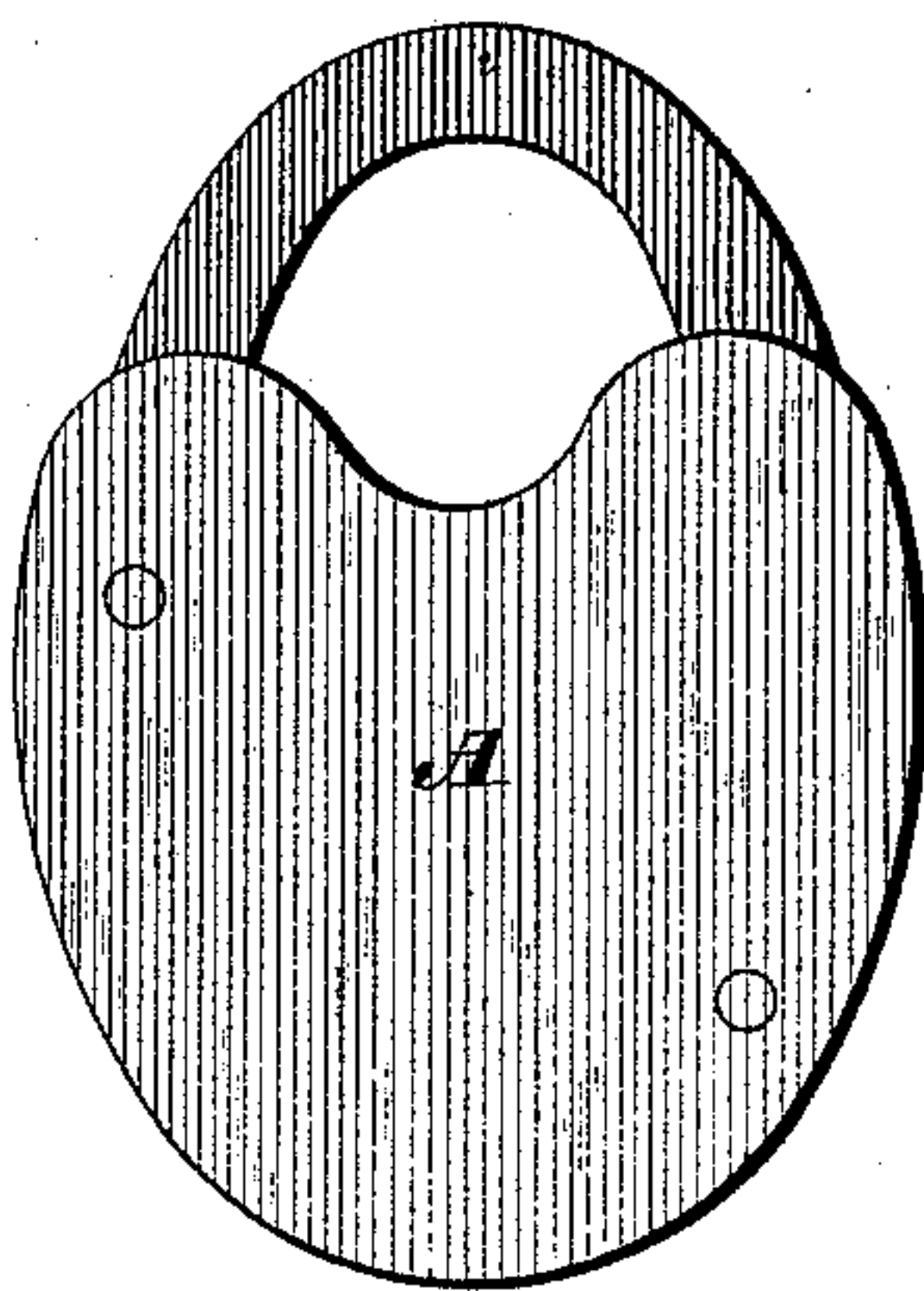


Fig. 2.



Attest:

J. Henry Kaiser.
Allen Tenny.

Inventor:

Charles H. Beebe

UNITED STATES PATENT OFFICE.

CHARLES H. BEEBE, OF NORWICH, CONNECTICUT.

IMPROVEMENT IN PADLOCKS.

Specification forming part of Letters Patent No. **215,429**, dated May 20, 1879; application filed April 14, 1879.

To all whom it may concern:

Be it known that I, CHARLES H. BEEBE, of Norwich, in the county of New London and State of Connecticut, have invented a new and useful Improvement in Padlocks, of which the following is a specification.

The invention consists of a new article of manufacture—viz., a padlock formed of cast-iron and electroplated with brass.

In the accompanying drawing, A represents an ordinary padlock; and as the novelty does not consist in any locking arrangement only a single plan view is given.

Heretofore padlocks have been constructed of cast-iron and also of brass. They have also been made of white metal, nickel-plated or silver-plated. The first-mentioned lock does not present an elegant appearance, and the second is very readily bent and jammed out of shape.

Brass bends so readily and is so soft that the face plate of a lock made of this material is quite easily wedged off, and the lock proper exposed and picked. The same want of stability is found in the padlock of white metal, whether plated with other metals or not.

The object of this invention is to produce a lock which combines all the advantages of the old and well-known cast-iron lock, and which also presents the beautiful appearance of a brass or of a plated lock. The only thing that

has, it is presumed, prevented the construction of locks electroplated with brass has been the extreme difficulty of plating with this compound metal. If the force of the two batteries is not accurately proportioned of course the copper and zinc are not carried over and deposited upon the cast metal in proper proportions.

I do not claim anything new in the process of electroplating; but by the exercise of great skill and good judgment I have surmounted well-known difficulties in plating, and have also been enabled to invent and furnish to the public an entirely new and much-needed article—viz., an article of great cheapness, being mainly composed of cheap cast-iron, and yet one of great beauty. Thus my lock combines for the first time the advantages of a stiff and entirely unyielding metal and the fine appearance of a brass padlock.

I am unaware that any analogous articles have ever been made of cast-iron electroplated.

What I claim as my invention is—

As a new article of manufacture, a padlock of cast-iron electroplated with brass.

CHARLES H. BEEBE.

Witnesses:

ALLEN TENNY,
W. S. CONGDON.