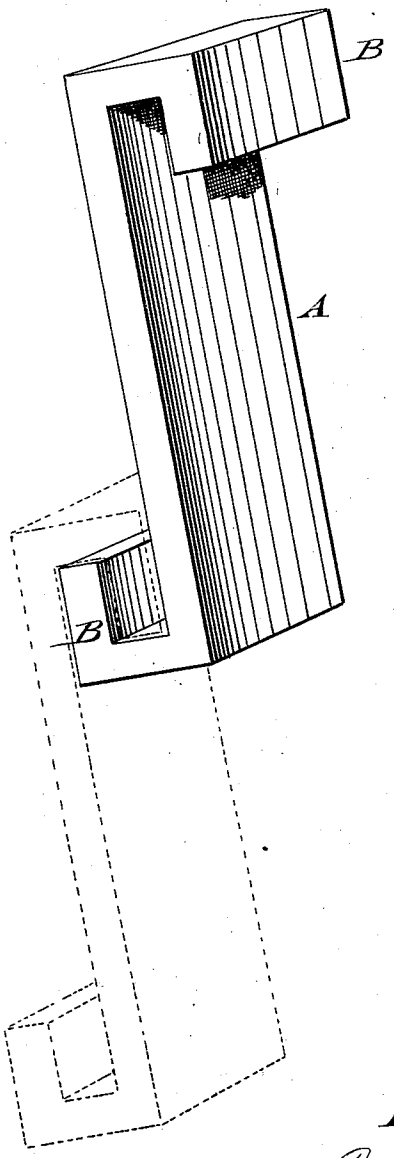
J. KLEINHANS.

Anodes.

No. 226,616. Patented April 20, 1880.



Witnesses:
Carl Karp
Otto Risch

Inventor:
Jacob Kleinhans
by Paul Goepel
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UNITED STATES PATENT OFFICE.

JACOB KLEINHANS, OF NEW YORK, N. Y.

ANODE.

SPECIFICATION forming part of Letters Patent No. 226,616, dated April 20, 1880.

Application filed June 26, 1879.

To all whom it may concern:

Be it known that I, JACOB KLEINHANS, of the city, county, and State of New York, have invented certain new and useful Improvements in Anodes, of which the following is a specification.

The accompanying drawing represents a perspective view of my improved anode for electroplating purposes.

This invention relates to an improved construction of anode for electroplating; and it consists of an anode provided with top and bottom hooks that are cast or otherwise formed thereon.

Referring to the drawing, A represents an anode that is cast of nickel or other plating metal, and provided at the upper and lower ends with flat or curved hooks B at the same or opposite sides.

By means of the hooks the electroplater is enabled to make his anode of any desired size in length and width simply by hooking a larger or smaller number of anodes together. These anodes have the further advantage that they can be readily taken apart again without any trouble, and the relative position of the same in the solution changed, in order to have them more evenly consumed by the electric current.

The hooks of the anodes facilitate their handling and suspension into the plating-solution, so as to dispense thereby with the necessity and difficulty of casting anodes of extra large size.

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

An anode with hook-shaped extremities, whereby two or more of similar form may be readily united or detached and the relative positions of the respective parts in the solution be changed, as herein specified, for the purposes set forth.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 24th day of June, 1879.

JACOB KLEINHANS.

Witnesses:
PAUL GOEPEL,
CARL KARP.