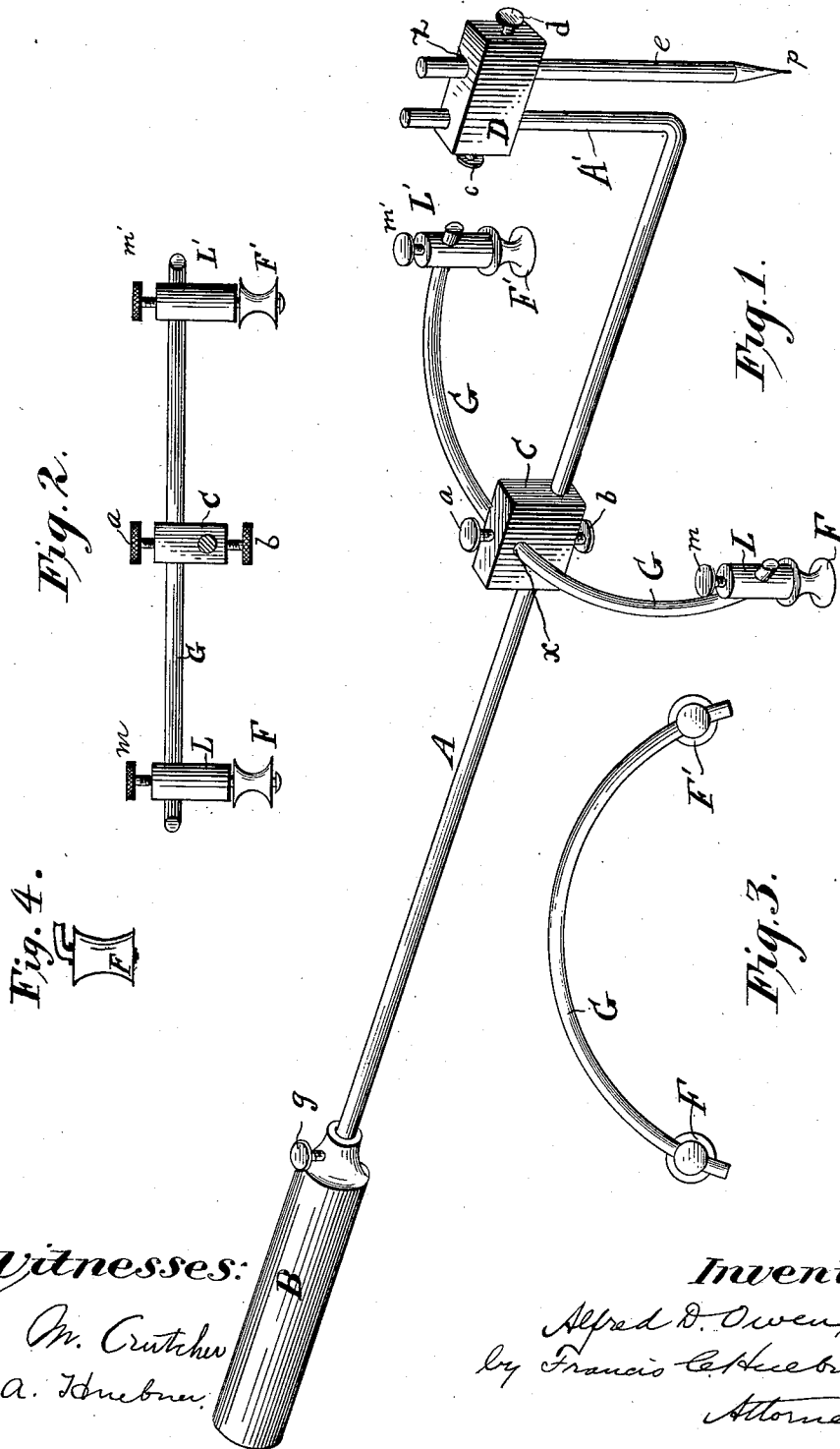


A. D. OWEN.
GAGE.

APPLICATION FILED APR. 19, 1911.

1,017,994.

Patented Feb. 20, 1912.



Witnesses:

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UNITED STATES PATENT OFFICE.

ALFRED D. OWEN, OF FRESNO, CALIFORNIA.

GAGE.

1,017,994.

Specification of Letters Patent.

Patented Feb. 20, 1912.

Application filed April 19, 1911. Serial No. 622,143.

To all whom it may concern:

Be it known that I, ALFRED D. OWEN, a citizen of the United States, residing at Fresno, in the county of Fresno and State of California, have invented a new and useful Gage, of which the following is a specification.

My invention relates to a gage for banding or lining chinaware or crockery ware for the purposes of decorating and painting the same. I attain these objects by the mechanism described, and illustrated in the accompanying drawings, in which—

Figure 1 shows a perspective view of the gage complete with pencil inserted for marking. Fig. 2 shows a front view of the wire forming the arms of said gage and having adjustable rollers attached thereto. Fig. 3 is a top view of said wire forming the arms to which the rollers are attached. Fig. 4 is a side view of a concave roller attached to one end of the wire forming the arms of the gage said rollers not being adjustable thereon.

In said drawings A is a straight stiff rod or wire. An extension A' is attached to rod A at approximately right angles.

B is a removable handle on the end of rod A which can be firmly attached to said rod A by means of set screw g.

Rod A can be round or cornered. In my construction I prefer to use round stiff wire for rod A and extension A'.

C is a block adjustable longitudinally on the rod A, and can be firmly attached thereto by means of set screw b.

x is a hole through block C at approximately right angles to the hole through which rod A passes.

G is a curved wire extending through hole x equidistant on either side of block C, forming two curved arms. Wire G is turnably disposed in hole x, and can be rigidly fastened to block C by means of set screw a.

One end of wire G passes through a hole in a post L and is turnably disposed therein. Said post L can be rigidly fastened to wire G by means of set screw m. One end of post L terminates as an axis on which a concave roller F rotates. Either end of

wire G can be bent at approximately right angles to the plane of wire G, and such extension formed into an axis on which concave roller F can revolve as shown in Fig. 4, and by this construction post L can be dispensed with.

L' is a twin post to post L having roller F' (which is a twin roller to roller F) attached thereto, which post L' is swung on the end of wire G opposite to the end on which post L is swung, and in exactly the same manner.

D is a block adjustable longitudinally on extension A' which can be rigidly fastened thereto by means of set screw c. Block D contains hole z approximately parallel to the hole through which extension A' passes, into which hole z a pencil, or pen e can be inserted and fastened by means of set screw d. Hole z can be of uniform diameter its entire length so that the pencil or pen e is adjustable longitudinally therein.

In using this device on a plate or dish having an approximately uniform and smooth edge rollers F and F' can engage the edge of the plate and the rod A can then be adjusted longitudinally through block C to bring point p the distance from the edge of the plate or dish it is desired to have the line, when rod A can be fastened to block C by means of set screw b. Then by engaging rollers F and F' with the edge of the plate or dish and running them around such edge, the point p is dragged on such plate or dish along a line at all points equidistant from the edge of such plate or dish.

For banding or lining cups, bowls, or deep dishes set screws a, b, c, m and m' can be loosened and rollers F and F' engaged with the edge of such dish after which pencil e can be moved to a point from the edge of said dish at which it is desired to make the line, then by tightening set screws a, b, c, m and m' the gage is ready to line such deep dish.

What I claim as my invention and upon which I desire Letters Patent is:

A gage for banding china at a uniform distance from the edge thereof consisting of the combination of a rod A with an ex-

tension A' at approximately right angles to
said rod A; a block C adjustable longitudi-
nally on said rod A; a wire G extending
through and turnably disposed in a hole x
5 through block C at approximately right
angles to rod A; concave rollers F and F'
depending from either end of said wire G,

and a marker adjustable longitudinally on
the said extension A', all substantially as
described.

ALFRED D. OWEN.

Witnesses:

JOHN C. MOORE,
T. M. ANTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
