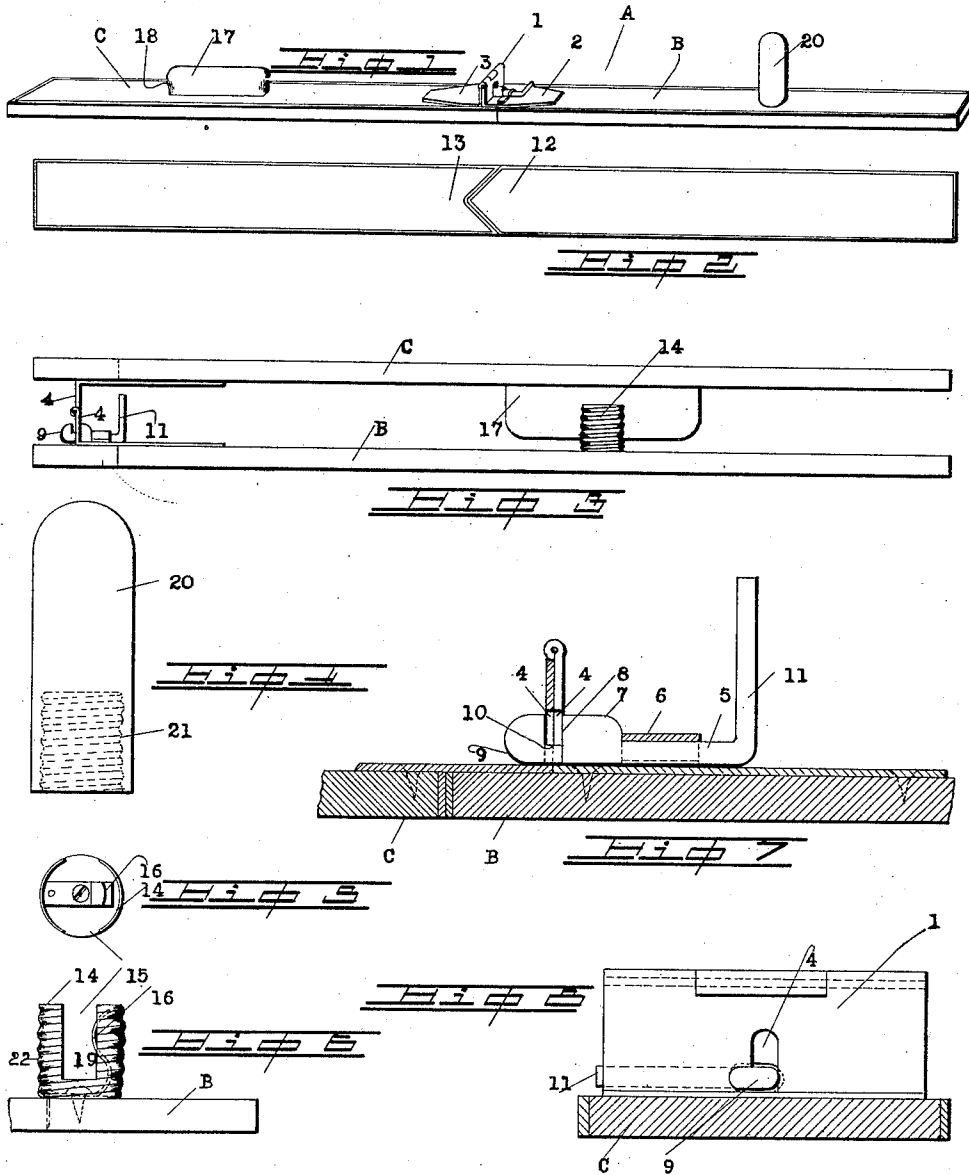


C. V. BROWN.
PLASTERER'S DARBY.
APPLICATION FILED OCT. 31, 1910.

1,002,896.

Patented Sept. 12, 1911.



WITNESSES:
a. J. Matter
E. E. Beckert

INVENTOR
Claude V. Brown
BY *J. H. Moock*
ATTORNEY

UNITED STATES PATENT OFFICE.

CLAUD V. BROWN, OF ARLETA, OREGON, ASSIGNOR OF ONE-HALF TO GEORGE BUERY,
OF PORTLAND, OREGON.

PLASTERER'S DARBY.

1,002,896.

Specification of Letters Patent. Patented Sept. 12, 1911.

Application filed October 31, 1910. Serial No. 590,069.

To all whom it may concern:

Be it known that I, CLAUD V. BROWN, a citizen of the United States, residing at Arleta, in the county of Multnomah and State of Oregon, have invented certain new and useful Improvements in Plasterers' Darbies, of which the following is a specification.

This invention relates to improvements in plasterers' darbies, and has for its object to provide a darby which can be folded for convenience in carrying, and which has other novel features and arrangement of parts, which will be specifically described and particularly pointed out in the claims. I accomplish these objects by the mechanism illustrated in the accompanying drawing, in which—

Figure 1, is a perspective elevation of my improved darby. Fig. 2, is a bottom view of same. Fig. 3, shows the darby folded. Fig. 4, is a detail of a handle. Fig. 5, is a top view of a handle retainer. Fig. 6, is a sectional elevation of same. Fig. 7, is a detail of a hinge and lock. Fig. 8, shows the hinge locked.

Similar characters of reference indicate similar parts throughout the several views.

In the drawing A represents a plasterer's darby, composed of the members B and C, hinged together by the hinge 1. This hinge is formed of the extended base portions 2 and 3, which are secured upon the members B and C respectively, the hinge proper standing up at right angles thereto. When the darby is extended as in Figs. 1 and 2, the members of the hinge proper, will abut against each other; and when it is folded they will stand in the same plane, as shown in Fig. 3. Each member of the hinge proper is provided at its central portion with an aperture 4, registering with each other.

Upon the base 2 of the hinge, is secured a lock bolt 5, held in place by the strap 6. The enlarged portion 7 forming a shoulder, which is larger than the aperture 4, and thus forms a bearing, for sustaining its respective member of the hinge. The portion 9 of the bolt is reduced in diameter, conforming to the apertures 4 and adapted to pass through them. At 8 a recess is formed, leaving the neck 10 of a size which permits it to rotate in the apertures 4. The recess 8 is of a width corresponding to the thick-

ness of the two members of the hinge, and when the crank 11 is turned down upon the member B, at right angles to the longest diameter of said apertures, the shoulders 7 and 9 will engage their respective members of the hinge proper, and securely hold them together, which will hold the members B and C in their extended position. The member B is provided with a pointed end 12, adapted to fit the notched end 13 of the member C. If they were made with square ends abutting against each other, the joint would leave a ridge behind it in the mortar. But with a joint made as I have described, a perfectly smooth surface will be produced.

At the usual position for a handle, I have secured a retainer 14, provided with a transverse slot 15, arranged longitudinally of the darby. At a corresponding position on the other end I have formed a hand hold 17, having inwardly tapering sides 18, which, when the darby is folded, will pass into the slot 15 and be engaged by the protruding portion 19, of the spring 16, where it may be retained, until desired for further use, when it may be readily disengaged by a slight pressure against the spring.

When in use, the members will be extended and secured by the lock of the bolt 5. The handle 20, which is tubular for a portion of its length, and is internally screw threaded, as shown at 21, will be turned upon the corresponding screw threads 22 of the socket 14, and the darby may then be operated as in other constructions.

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

1. A plasterer's darby comprising members united together,—a hinge having a central transverse aperture through its members, each of said members having a base portion extending at right angles thereto and secured to a member of the darby,—means secured upon the hinge to engage in said aperture, for locking the members together,—and means for securing the darby in a folded position.

2. A plasterer's darby comprising members united end to end,—a hinge having a central transverse aperture through its members, each of said members having a base portion extending at right angles thereto

and secured to a member of the darby,—a
lock-bolt secured upon a member of the
hinge for engaging in said aperture,—and
means for securing the darby in a folded
5 position.

3. A plasterer's darby comprising two
members pivotally secured together,—a bi-
furcated socket having a spring therein and
externally screw threaded for receiving a
10 handle, upon one member,—and a hand

hold upon the other member adapted to en-
ter said socket and to engage the spring
therein, when the members are folded to-
gether, substantially as specified.

In testimony whereof I affix my signature 15
in presence of two witnesses.

CLAUD V. BROWN.

Witnesses:

WILLIAM D. ORDWAY,
ELLEN BERG.

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