

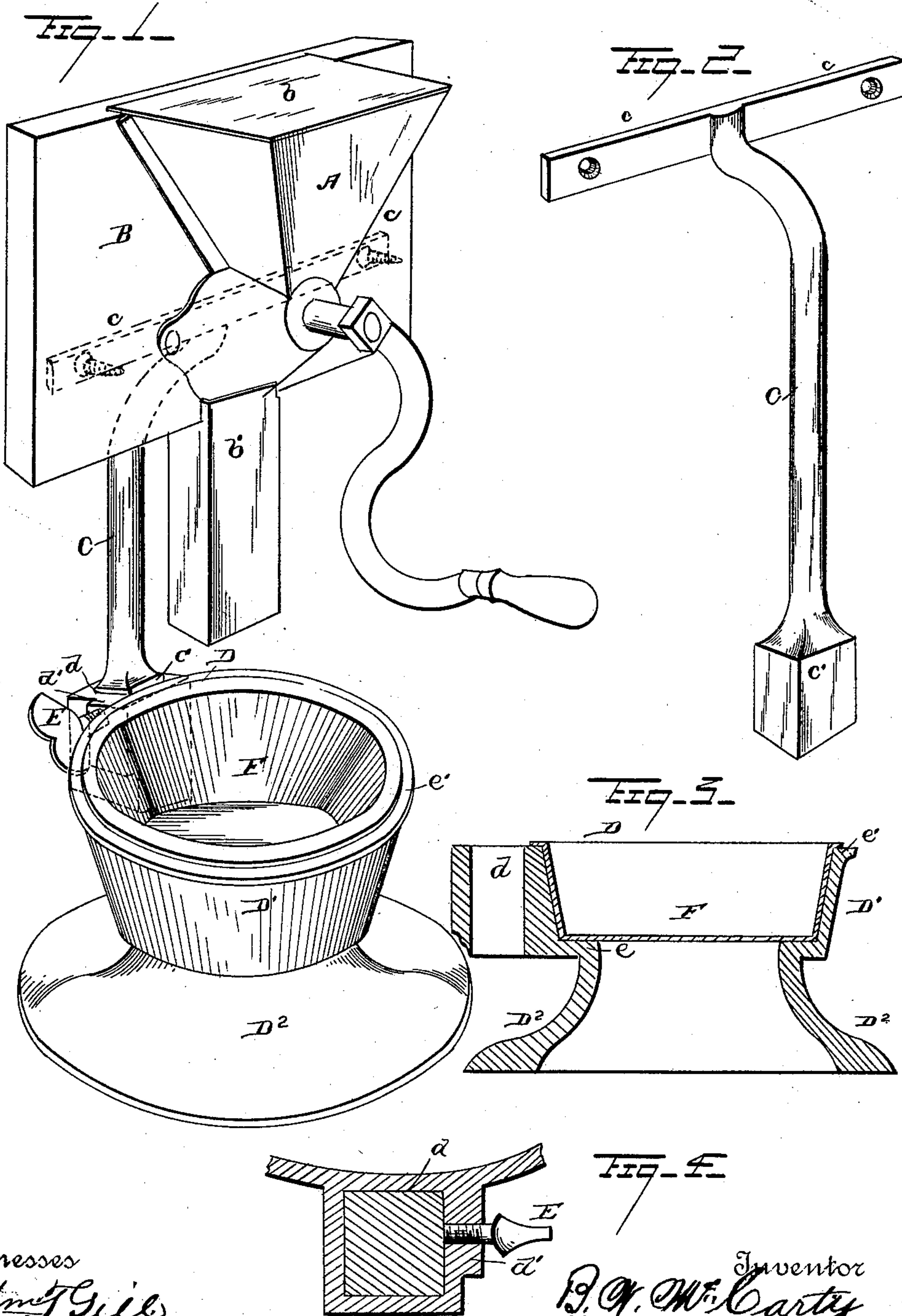
(No Model.)

B. W. McCARTY & F. P. GAGNE.

SUPPORT FOR COFFEE MILLS.

No. 348,984.

Patented Sept. 14, 1886.



Witnesses  
*Wm. J. Gill*  
*H. J. Berubor*

Inventor  
*B. W. McCarty*  
*F. P. Gagne*  
By their Attorneys  
*C. A. Snowdon*



# UNITED STATES PATENT OFFICE.

BENJAMIN WELLS McCARTY AND FABIVS PETER GAGNE, OF HOUSTON,  
TEXAS.

## SUPPORT FOR COFFEE-MILLS.

SPECIFICATION forming part of Letters Patent No. 348,984, dated September 14, 1886.

Application filed April 23, 1886. Serial No. 200,462. (No model.)

*To all whom it may concern:*

Be it known that we, BENJAMIN WELLS McCARTY and FABIVS PETER GAGNE, citizens of the United States, residing at Houston, in the  
5 county of Harris and State of Texas, have invented a new and useful Improvement in Supports for Coffee-Mills, of which the following is a specification.

Our invention relates to improvements in  
10 supports for coffee-mills; and it consists of the peculiar and novel construction and combination of parts, substantially as hereinafter fully set forth, and specifically pointed out in the claims.

15 The object of our invention is to provide an improved support for hand coffee-mills, which can be readily disconnected for storage or transportation and easily and readily adjusted for use, and which shall furthermore be simple and strong in construction and cheap of  
20 manufacture.

In the accompanying drawings, Figure 1 is a perspective view of our improved support attached to a coffee-mill. Fig. 2 is a detached  
25 perspective view of the standard separated from the base. Fig. 3 is a vertical section through the base; and Fig. 4 is a transverse section through the lower end of the vertical standard, the socket therefor, and the binding-screw.

30 Referring to the drawings, in which like letters of reference denote corresponding parts in all the figures, A designates the mill proper, which is of the ordinary or any preferred  
35 form at present in use, and which is secured to a back plate or board, B. The hopper of the mill is closed by a cover or lid, b, that is hinged to the upper edge of the back plate, so as to completely close the open mouth of the  
40 hopper; and it is further provided with a conducting spout or tube, b', that is secured to and depends downwardly from the lower edge of said back plate or board.

The back plate and mill are carried and  
45 supported by a vertically-disposed standard, C, having two laterally-extending arms, c, at its upper end, through which are passed screws, or the like, to secure the back plate or board thereto, and the lower end of the standard is  
50 enlarged and made square, rectangular, or other angular form in cross-section, as at c', so

that it firmly and snugly fits in a socket or opening formed in a bracket-lug, d, of the base D. This base D is made in a single casting, and comprises a tapering or cone shaped socket, 55 D', and an annular ring or foot, D<sup>2</sup>, that depends from the socket and is flared outwardly therefrom, and rests on the table or other place of support. The tapered socket is provided at its lower edges with an inwardly-  
60 projecting flange or rim, e, that serves to support a receptacle placed therein, and at its upper edge with an outwardly-projecting rim or flange, e', that serves a similar purpose—i. e., to suspend a receptacle within the socket  
65 should it not be deep enough or fail to touch the lower flange, e. The bracket-lug d is also cast integral with the base, and it is disposed at the outer upper edge of the socket D' of said base. This bracket-lug is provided with an  
70 open-ended socket, which corresponds in shape to the shape of the enlarged lower end of the standard C, and on one of its faces the bracket-lug has an enlargement, d', that is provided with a threaded opening, in which works  
75 the threaded shank of a binding-screw, E, that bears against the enlarged end of the standard, which is fitted in the socket and serves to firmly and rigidly hold the same in place.

The operation of our invention is obvious. 80 When it is desired to grind the coffee, it is poured into the hopper and the crank or handle is operated by hand to rotate the "burr," which reduces the coffee, and it is then discharged from the mill through the conducting  
85 tube or spout into the receptacle F, which is fitted in and supported by the socket of the base. When it is desired to store the mill away or pack the same for transportation, the vertical standard can be readily disconnected  
90 from the base by simply releasing the binding-screw and then lifting the lower end thereof from the bracket-lug, and the standard can also be readily disconnected from the back  
95 plate and the mill by removing the screws that pass through the lateral arms thereof, whereby the various parts can be closely packed together to occupy but a very small space.

The parts can be readily and quickly put or adjusted together for use again when desired. 100

It will be observed that we provide an improved support for coffee-mills which can be

readily disconnected and put together, that the device is simple and strong in its construction, that it is thoroughly effective in operation, and inexpensive of manufacture.

5 Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. In a support for coffee-mills, the combination of the base having the socket and the  
10 projecting bracket-lug provided with the binding-screw, and the standard adapted to carry the mill and removably fitted in the bracket-lug and held therein by the screw, substantially as described.

15 2. In a support for coffee-mills, the combination of the base having an open socket, the bracket-lug, and binding-screw, a vertically-disposed standard fitted in the bracket-lug and clamped therein by the binding-screw,  
20 and a back plate adapted to carry the mill and

detachably secured to the standard, substantially as described.

3. In a support for coffee-mills, the combination of the base formed in a single piece and having an open socket provided with the annular flanges, and the lateral bracket-lug having the binding-screw, the standard having the enlarged lower end and the lateral arms at its upper end, and the back plate removably  
25 secured to the arms of the standard and adapted to carry the mill, substantially as described. 30

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in presence of two witnesses.

BENJAMIN WELLS McCARTY.  
FABIUS PETER GAGNE.

Witnesses:

PHILLIP C. GAGNE,  
JAMES SNOWBALL.