(No Model.)

B. P. DARLING.

COFFEE CANISTER AND MILL.

No. 453,996. Patented June 9, 1891.

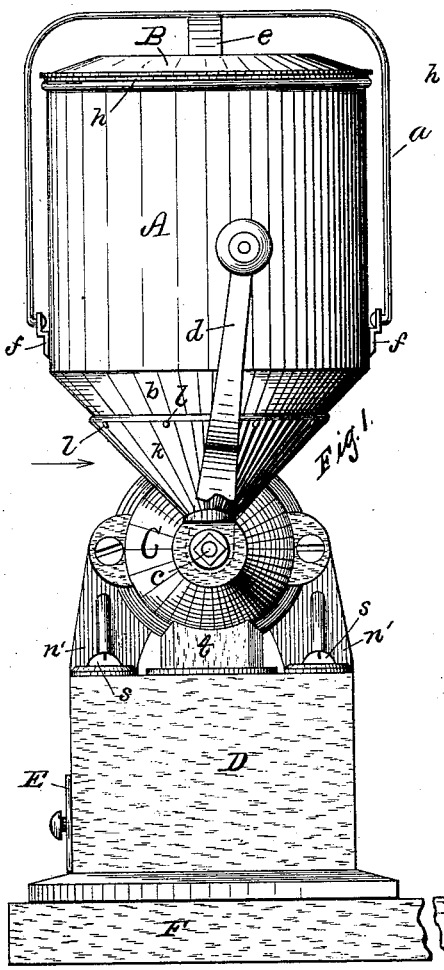

Fig. 1.

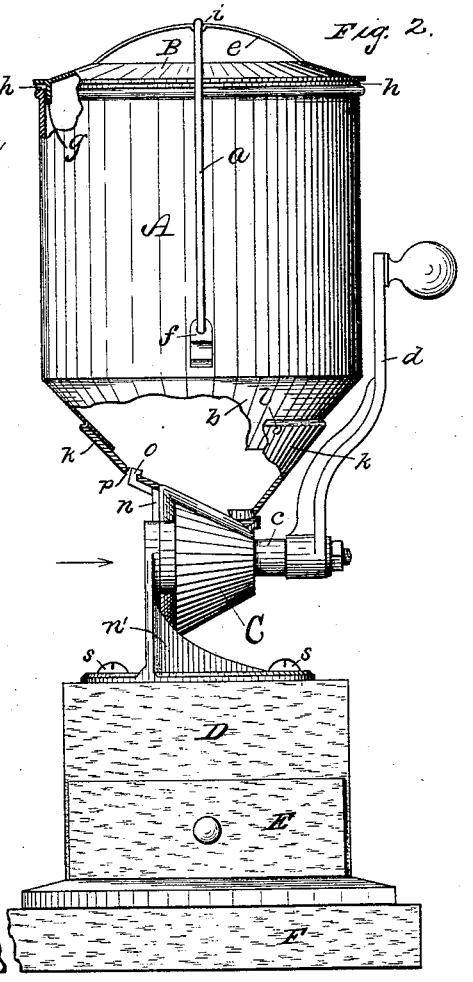

Fig. 2.

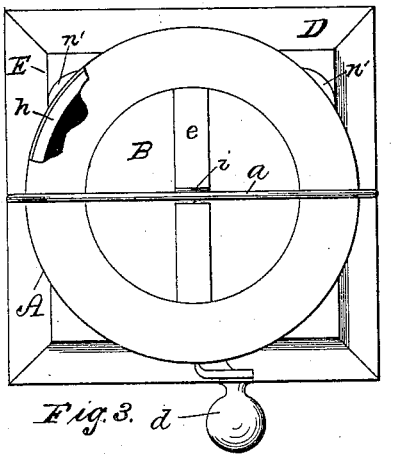

Fig. 3.

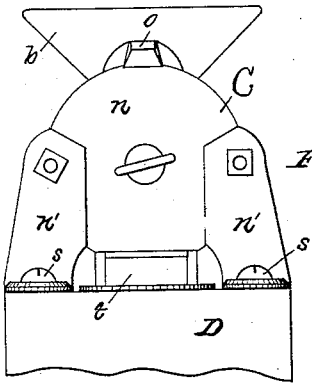

Fig. 4.

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UNITED STATES PATENT OFFICE.

BERNARD P. DARLING, OF SHORTSVILLE, ASSIGNOR TO RACHAEL C. WILLITS, OF MACEDON, NEW YORK.

COFFEE CANISTER AND MILL.

SPECIFICATION forming part of Letters Patent No. 453,996, dated June 9, 1891.

Application filed February 17, 1890. Renewed November 15, 1890. Serial No. 371,601. (No model.)

To all whom it may concern:

Be it known that I, BERNARD P. DARLING, of Shortsville, in the county of Ontario and State of New York, have invented a new and useful Improvement in Coffee Canisters and Mills, which improvement is fully set forth in the following specification and shown in the accompanying drawings.

My invention consists of an improved combined canister and grinding mill for coffee, spices, or other similar articles used in the kitchen, the novel features and improvements being hereinafter fully described, and more particularly pointed out the claim.

Referring to the drawings, Figure 1 is a front elevation of my improved canister and mill; Fig. 2, a side elevation, seen as indicated by arrow in Fig. 1, parts being broken away and centrally sectioned; Fig. 3, a view upon the top of the device, and Fig. 4 a rear or back view of the mill.

Referring to the parts shown in the drawings, A is the canister or receptacle, preferably made of sheet metal and cylindrical in form, provided with a closely-fitting imperforate cover B, a bail *a*, and a conical bottom *b*.

C is the grinding-mill; D, a receiving-chamber below the mill, provided with a drawer E, the whole resting upon a table or base F.

c is the shaft or spindle of the mill, operated by a crank *d*.

The cover of the canister is formed with a diametrical arch *e*, made of some yielding and elastic material, as stiff metal, and the bail *a* is held at the opposite sides of the canister by ears *f* in position to press upon the arch *e*, as shown, when raised to a vertical position. A flange *g* of the cover enters a little way the mouth of the canister, and a packing-ring *h*, of any suitable material, is placed outside of said flange between the cover and the body of the canister, so as to render the latter air-tight. The arch is formed with a depressed part or notch *i* at its crown, in which the bail securely rests when brought to its vertical position.

The mill is formed with a flaring part or hopper *k* above the grinding part, into which the conical bottom *b* of the canister enters, as shown, being securely held in place by simple fasteners *l*. Thus arranged the mill, including the horizontal grinding-shaft *c*, is wholly below and without the canister. The back plate *n* of the mill is provided with a hook *o* to enter an opening *p* in the part *k* of the mill, and it is further provided with feet *n'*, secured by fastenings *s* to the top of the receptacle D. A discharging-spout *t*, leading downward from the mill, communicates with the interior of the receptacle.

What I claim as my invention is—

A canister, a mill below the canister, and a receptacle below the mill combined, the mill having supports *n' n'* secured to the receptacle, the latter forming a base for the mill, with a spout for the mill joined to the receptacle, substantially as shown.

In witness whereof I have hereunto set my hand, this 8th day of February, 1890, in the presence of two subscribing witnesses.

BERNARD P. DARLING.

Witnesses:

E. B. WHITMORE,

M. L. MCDERMOTT.