

(No Model.)

2 Sheets—Sheet 1.

J. MILLS.
COMBINED FLOUR SCOOP, SIFTER, AND MEASURE.
No. 537,123. Patented Apr. 9, 1895.

FIG:1.

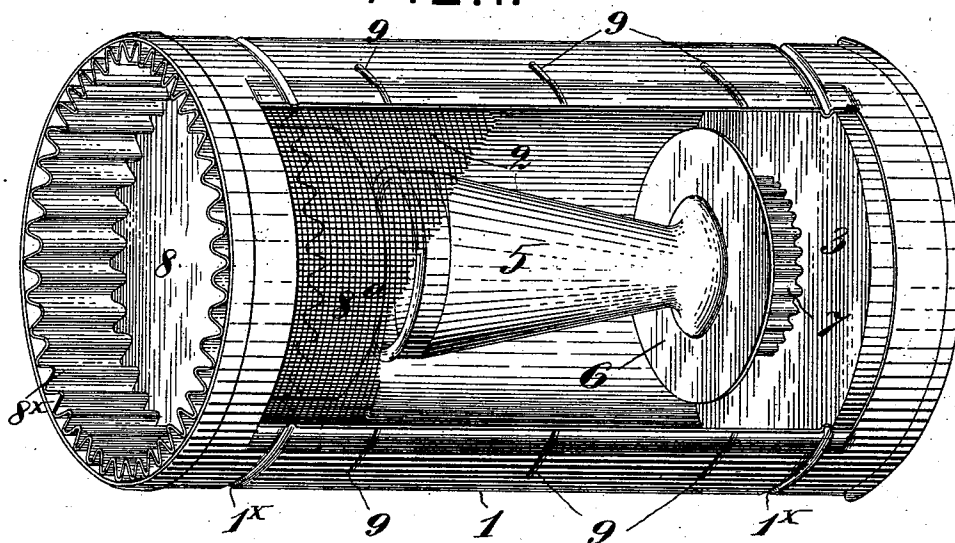
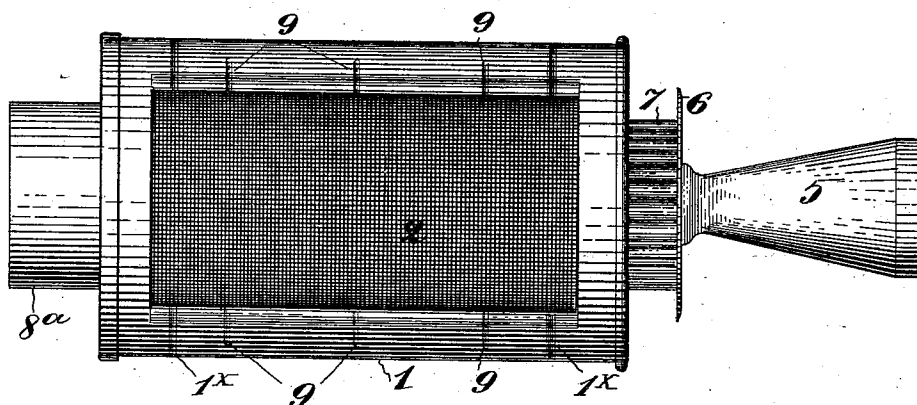


FIG:2.



Witnesses:
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Inventor
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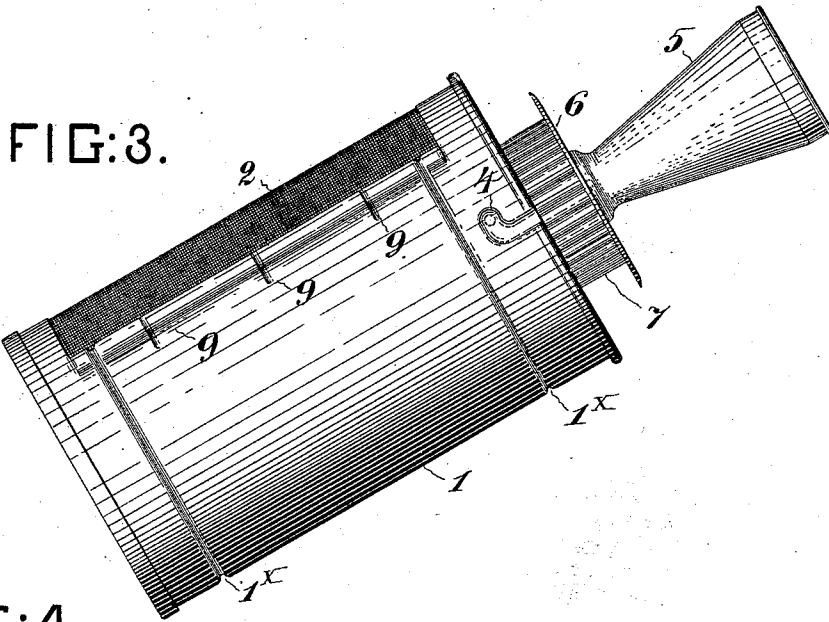


FIG:4.

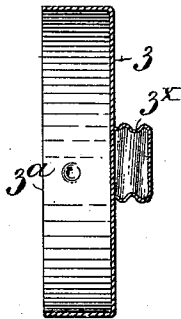


FIG:5.

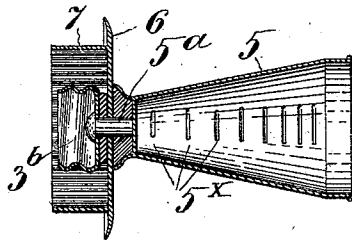


FIG:6.

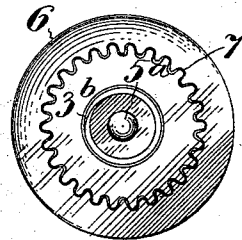


FIG:7.

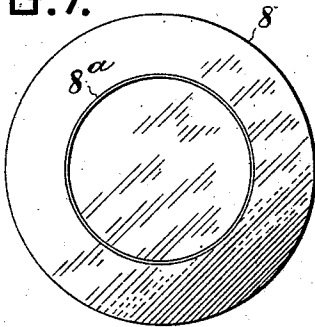


FIG:9.

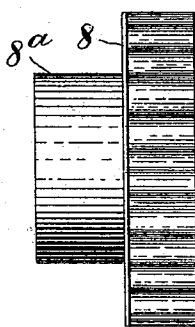
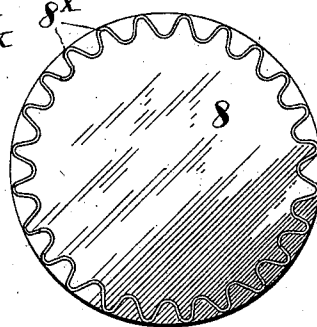


FIG:8.



Witnesses:
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UNITED STATES PATENT OFFICE.

JONATHAN MILLS, OF NEW YORK, N. Y.

COMBINED FLOUR SCOOP, SIFTER, AND MEASURE.

SPECIFICATION forming part of Letters Patent No. 537,123, dated April 9, 1895.

Application filed May 12, 1894. Serial No. 511,005. (No model.)

To all whom it may concern:

Be it known that I, JONATHAN MILLS, a citizen of the United States, residing in the city, county, and State of New York, have invented certain new and useful Improvements in a
5 Combined Flour Scoop, Sifter, and Measure, of which the following is a specification.

My invention relates to the class of kitchen utensils which combine devices adapted for
10 various uses, and the object in this case is to provide a compact and inexpensive utensil which shall be adapted to take the place of several implements in the kitchen, all as will be hereinafter explained. The different elements or parts of the device co-act, in the main
15 perform double functions and are capable of being compactly assembled for packing and storing.

The invention is illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view on a large scale of the device as it appears when the parts are assembled for storing in compact shape. A part of the foraminous sieve-material is broken away in this figure to disclose
25 the interior. Fig. 2 is a side view, on a smaller scale, showing the several parts arranged to form a sifter. Fig. 3 is a side view of the device, showing it arranged as a scoop. Fig. 4 is a sectional view of an end-cap or head detached. Fig. 5 is an axial section and Fig. 6
30 an end-view of the pie-trimmer and crimper detached. Figs. 7 and 8 are face views and Fig. 9 a side view of the other end cap or head.

1 is the scoop-body, forming a flour-measure and sifter. It will be made, by preference, of sheet metal, in the form of a cylinder with open ends. In one side thereof is formed an oblong opening in which will be fitted a piece
40 of wire gauze, 2, to form a sieve. In one end of the scoop-body is adapted to be fitted a head, 3, of sheet-metal, having a flange, 3^a. When this head is fitted in, as in Figs. 2 and 3, it is secured by an ordinary bayonet lock, 4, seen
45 in Fig. 3. The element seen detached in Fig. 5 comprises a pie-trimmer and crimper, and a scoop-handle and a measure. 5 is a hollow handle, which serves as a small measure for liquids and powdered materials, graduations,
50 5^x, being marked on its inside to indicate quantity. In this handle 5, is rotatively mounted (on a pin 5^a) a disk cutter, 6, forming a pie-

trimmer, and to the face of this trimmer is secured a corrugated flange, 7, serving as a pie-crimper. The device seen in Fig. 5 may
55 be firmly secured to the head 3, by means of a screw, 3^x, on the head adapted to fit a screw, 3^b, on the pin 5^a. The handle 5, pin 5^a, and screw 3^b, are rigidly secured together and the pie-trimmer and crimper which are secured
60 together, rotate on the pin. This construction permits of the use of handle 5 as a measure without the necessity of its removal from the scoop-body, thereby giving an important advantage. Further, the flange 7, forming the
65 pie-crimper, bears at its edge when not in use, against the head 3, whereby when the handle is secured to the head in using the device as a scoop or sifter, the disk-cutter 6 will not rattle about.

Figs. 7, 8 and 9 show, detached, the other
70 head of the scoop-body. This head, 8, is of such size as to fit snugly into the end of the scoop-body. It has on one face a corrugated flange, 8^x, which serves as a cake cutter and
75 on the other face a hollow, tubular handle, 8^a, which may also be employed as a cake or biscuit cutter. The flange 3^a, on the head 3, may also be employed as a cake or biscuit cutter. The arrangement of the head 8 with its
80 crimped flange 8^x of a size to fit in the open end of the body 1, avoids the employment at this end of the device of any fastening device, such as the bayonet lock 4 for instance, since the spring of the corrugated flange will serve
85 to hold the head in place when inserted.

When the utensil is fixed for packing and storing, the two heads with their appurtenances are put or fitted into the respective
90 ends of the scoop-body inverted, as seen in Fig. 1, the heads 3 and 8, being pushed in until they are stopped by limiting beads, 1^x, or some other form of stop on the body 1.

When used as a scoop the head 8, is entirely removed and the head 3 inserted and locked
95 as in Fig. 3. On the body 1, along the margin of the sieve 2, are graduation marks, 9, which enable the user to measure the quantity in the scoop. If the scoop-body holds a quart, for example, these marks may indicate
100 half-pints.

When the scoop-body has been filled with flour or the like (or partly filled, as desired) the head 8 is fitted in as indicated in Fig. 2,

when the device becomes a sifter, and by grasping the two end-handles 5 and 8^a, the sifting may be readily effected.

It will be seen that by providing each head 5 with a handle adapted to be grasped by the hand, the liability of the heads falling out while sifting flour or the like is avoided.

The pie-trimmer and crimper is used by grasping the handle 5, pressing the crimper 7 down on the crust next the margin of the pan, and then rolling it around the margin, the trimming disk 6 cutting away the surplus crust close to the pan.

The important advantage of this utensil is that it provides the cook with a compact combination of all the measures and other devices necessary in baking cakes and pies, as the cake cutters, the biscuit cutters and the handles, will be gaged to hold measured quantities of materials.

Having thus described my invention, I claim—

1. A kitchen utensil having a tubular han-

dle open at its outer end and adapted to serve as a measure, substantially as set forth. 25

2. A kitchen utensil having a removable tubular handle open at its outer end and adapted to serve as a measure when attached to or detached from said body, substantially as set forth. 30

3. In a kitchen utensil, the combination of an open-ended body and heads separable therefrom and fitting the open ends thereof, said heads being provided with handles whereby the device may be manipulated, each of said heads being adapted to fit the open ends of the body when inverted, whereby, when not in use, said handles will be inclosed in the body. 35

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses. 40

JONATHAN MILLS.

Witnesses:

HENRY CONNETT,
JAS. KING DUFFY.