

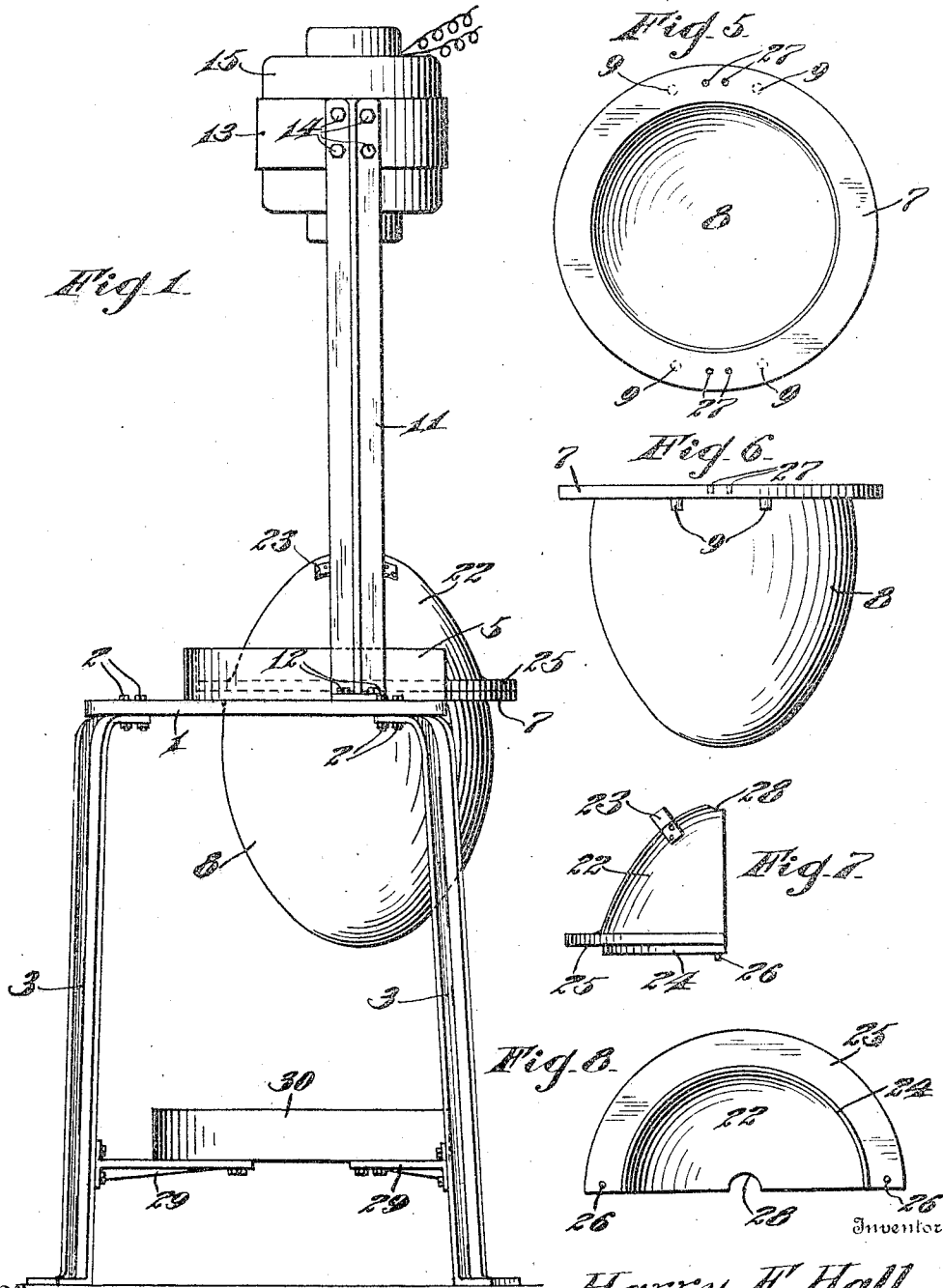
H. F. HALL.
CULINARY MACHINE.

APPLICATION FILED JULY 19, 1909. RENEWED AUG. 8, 1910.

1,036,488.

Patented Aug. 20, 1912.

3 SHEETS—SHEET 1.



Witnesses
This Remained
J. A. S. Mulhall.

Harry F. Hall,
By Joshua R. T. Davis,
Attorney

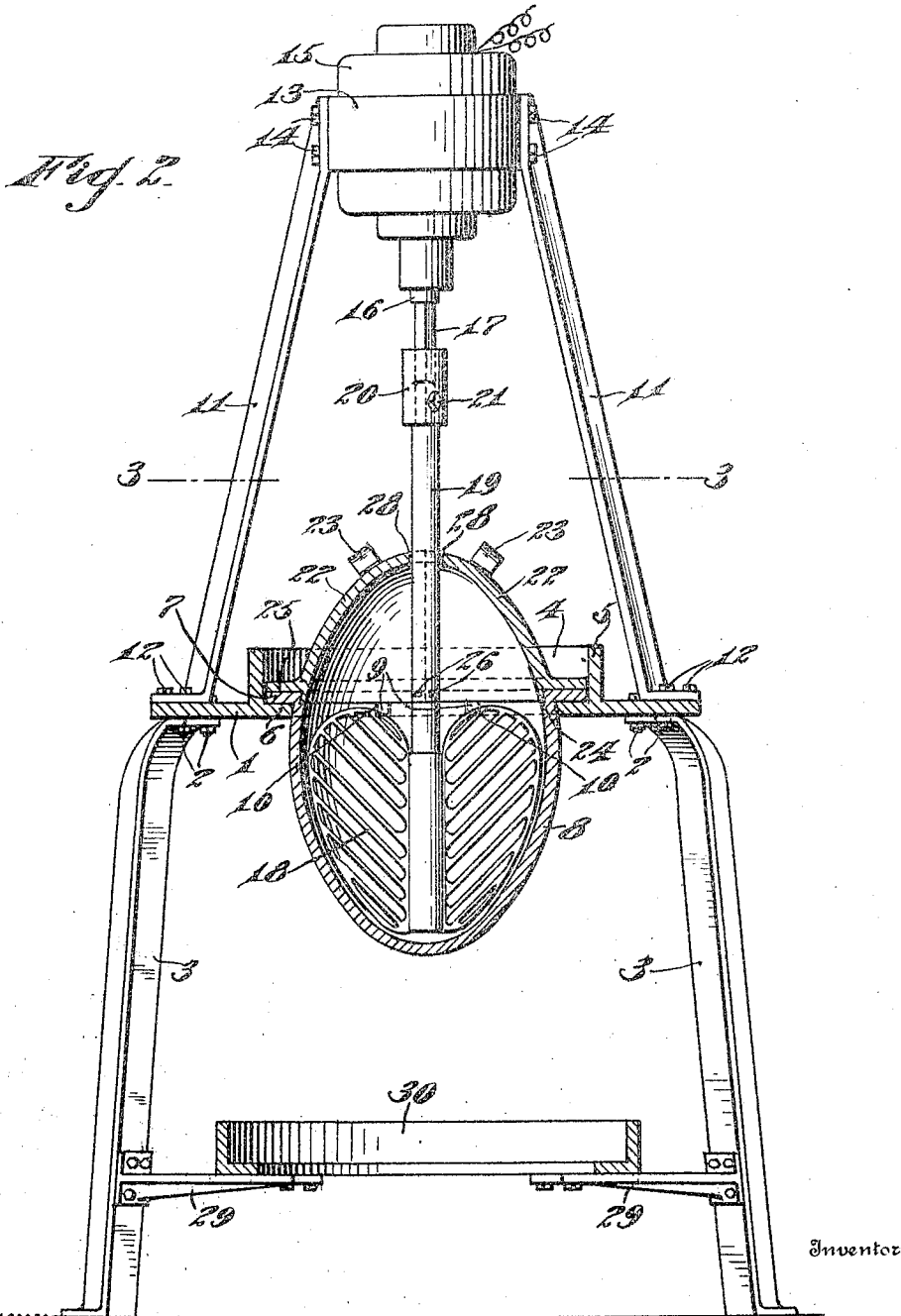
H. F. HALL.
CULINARY MACHINE.

APPLICATION FILED JULY 19, 1909. RENEWED AUG. 8, 1910.

1,036,488.

Patented Aug. 20, 1912.

3 SHEETS—SHEET 2.



Inventor

Witnesses

Thos. Rosenmund.
J. A. F. Mulhall.

By

Harry F. Hall,
Joshua R. T. Ross,
Attorney

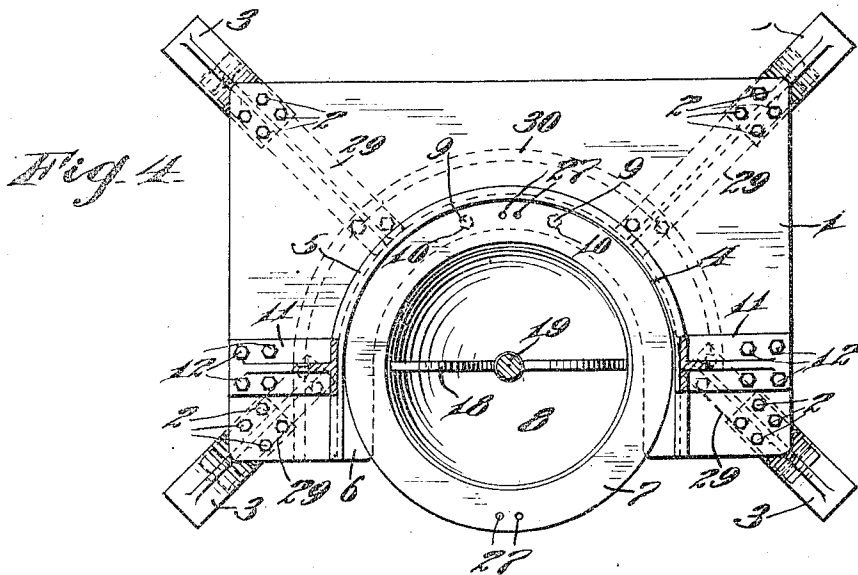
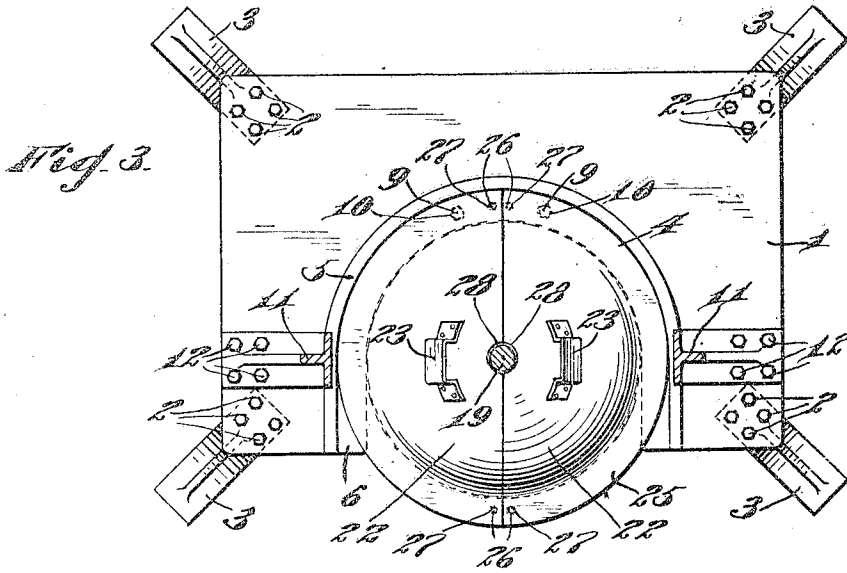
H. F. HALL.
CULINARY MACHINE.

APPLICATION FILED JULY 19, 1909. RENEWED AUG. 8, 1910.

1,036,488.

Patented Aug. 20, 1912.

3 SHEETS—SHEET 3.



Inventor

Harry F. Hall,

Witnesses
Thos. Cremona
J. O. F. Mulhall.

By *Joshua R. Davis.*
Attorney

UNITED STATES PATENT OFFICE.

HARRY F. HALL, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO THE ENTERPRISE MANUFACTURING COMPANY OF PENNSYLVANIA, OF PHILADELPHIA, PENNSYLVANIA, A CORPORATION OF PENNSYLVANIA.

CULINARY MACHINE.

1,036,488.

Specification of Letters Patent. Patented Aug. 20, 1912.

Application filed July 19, 1909, Serial No: 508,406. Renewed August 8, 1910. Serial No. 576,075.

To all whom it may concern:

Be it known that I, HARRY F. HALL, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Culinary Machines, of which the following is a specification.

My invention relates to an improved culinary machine, the object of the invention being to provide an improved supporting frame for removably holding a receptacle in position, and permanently securing a motor above the receptacle support with the motor shaft in a vertical position to drive a rotary whip in the receptacle.

A further object is to provide an improved receptacle, an improved cover therefor, and improved means for holding the receptacle in the frame, and the cover on the receptacle.

With these and other objects in view, the invention consists in certain novel features of construction, and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings, Figure 1, is a view in side elevation illustrating my improvements. Fig. 2, is a view partly in elevation and partly in longitudinal section. Fig. 3, is a view in section on the line 3—3 of Fig. 2. Fig. 4, is a view similar to Fig. 3, but showing the receptacle cover removed. Fig. 5, is a top plan view of the receptacle. Fig. 6, is a side elevation thereof. Fig. 7, is a side elevation of one of the cover sections, and Fig. 8, is a bottom plan view thereof.

1 represents a plate or casting secured by bolts 2, to legs 3. The outline of this plate or casting is of general rectangular form, and the legs 3 are located at the respective corners, and preferably inclined, slightly outwardly from their upper to their lower ends, as clearly shown. This plate or casting 1 is provided with a curved recess or pocket 4, having a vertical flange or web 5 all around the same, and a horizontal supporting web or flange 6, adapted to support the annular flange 7 at the upper edge of the receptacle 8. This recess or pocket 4, it will be noted, is open at one side, so as to allow the receptacle to be readily inserted

or removed, and the flange 7 of the receptacle is made with depending lugs 9, adapted to enter recesses 10 in the supporting flange 6, and hold the receptacle against rotary movement and also against lateral movement.

Inclined bars 11 are secured at their lower ends by bolts 12 to plate or casting 1, and at their upper ends to a ring 13 by means of screws 14, said ring secured around the motor casting 15, and 16 represents the motor shaft disposed in a vertical position, supported solely by said motor and made angular at its lower end as shown at 17.

18 represents an approximately heart shaped whip, which is adapted to be located in the receptacle 8, and provided with a stem 19 connected by a collar 20 with the angular portion 17 of the motor shaft 16, said collar being rigidly secured in position by means of a set screw 21, which enables the whip to be removed, and other forms of whips substituted.

The cover for the receptacle comprises two half sections 22, each section having a handle 23, and made with a depending flange 24 to project into an internal annular groove in the receptacle, and provide a smooth interior in the receptacle and cover. The cover sections are also made with outwardly projecting flanges 25, to rest upon the annular flange 7 of the receptacle 8, and these flanges 25 adjacent the meeting edges of the cover sections, are made with depending lugs or pins 26 adapted to enter recesses 27 in the flange 7, and securely hold the cover sections on the receptacle, said cover sections being provided with registering semi-circular recesses 28 to accommodate the whip stem 19.

Each leg 3 above described, has a bracket 29 secured to its inner face, and a casting 30 secured on these brackets 29, and is of general semi-circular form to support a pan or other device (not shown), when a sieve or other suitable receptacle (not shown) is supported upon plate or casting 1, to catch the strained material, and further this casting 30 and brackets 29 afford a rigid support for the legs and the entire machine.

While I have illustrated and described one form of whip for the receptacle, it is obvious that a great many varieties of whips

might be employed. The receptacle with its cover is of general ellipsoidal shape, but might of course be of other shapes, and I do not limit myself in this regard.

5 A great many changes might therefore be made in the general form and arrangement of parts described without departing from my invention, and hence I do not restrict myself to the precise details set forth, but
10 consider myself at liberty to make such changes and alterations as fairly fall within the spirit and scope of the claims.

Having thus described my invention what I claim as new and desire to secure by Let-
15 ters Patent is:

1. In a machine of the character described, the combination with a plate or casting, of legs supporting the same, a curved receptacle supporting flange on said casting, a recep-
20 tacle, an annular flange thereon, adapted to be supported on said first mentioned flange, a cover for said receptacle, comprising two half sections, and pins on said cover sec-
25 tions, and recesses in the annular flange of the receptacle to receive said pins, substan- tially as set forth.

2. In a machine of the character described, the combination with a plate or casting, of legs supporting the same, a curved recepta-
30 cle supporting flange on said casting, a recep- tacle, an annular flange thereon, adapted to be supported on said first mentioned flange, a cover for said receptacle, compris-
35 ing two half sections, and means locking said cover sections to the receptacle, and means locking said receptacle to the first mentioned flange, whereby rotary movement of the recep-
40 tacle and its cover is prevented.

3. In a machine of the character described, the combination of a plate or casting, legs
40 directly supporting the same, said plate or casting having a curved receptacle support- ing flange, a receptacle, an annular flange on said receptacle adapted to be supported on
45 the flange of the plate or casting, one of said flanges having recesses, lugs on the other of said flanges entering said recesses to hold the receptacle against accidental movement, a motor mounted on said receptacle sup-
50 port above the receptacle, a shaft supported solely by said motor and positioned in ver- tical alinement with the axis of said recep-
55 tacle, a beater within the receptacle, a shaft therefor, and a separable driving connection between the motor shaft and said beater shaft.

4. In a machine of the character described, the combination with a plate or casting, of legs supporting the same, a curved recepta-
60 cle supporting flange on said casting, a recep- tacle, an annular flange thereon, adapted to be supported on said first mentioned flange, a cover for said receptacle, compris-
65 ing two half sections, pins on said cover sections, and recesses in the annular flange

of the receptacle to receive said pins, sub-
stantially as set forth, a motor supported
above said receptacle support, and a motor
shaft supported solely by said motor and
positioned in a vertical line in alinement
with the axis of said receptacle supporting
flange. 70

5. In a machine of the character described, the combination with a plate or casting, of legs supporting same, a curved receptacle
75 supporting flange on said casting, a recep- tacle, an annular flange thereon, adapted to be supported on said first mentioned flange, a cover for said receptacle, comprising two half sections, and means locking said cover
80 sections to the receptacle, means locking said receptacle to the first mentioned flange, whereby rotary movement of the receptacle and its cover is prevented, a motor sup-
85 ported above said receptacle support, and a motor shaft supported solely by said motor and positioned in a vertical line in aline- ment with the axis of said receptacle sup-
porting flange.

6. The combination of a receptacle, a sup- 90
port for said receptacle, means for prevent- ing rotation of the receptacle with respect to its support, a motor, arms carried by the receptacle support for suspending said motor
95 above the receptacle with its axis in line with the vertical axis of said receptacle, a shaft driven by said motor, a beater whip within the receptacle, a shaft carrying said beater whip, and a movable member carried by one of said shafts for connecting them in
100 driving engagement.

7. The combination of a flanged recepta-
cle, a support for said receptacle engaging
the flange of the same, means for preventing
rotation of the receptacle with respect to its
105 support, a motor, arms carried by the recep- tacle support for suspending said motor above the receptacle with its axis in line with the vertical axis of said receptacle, an axially disposed shaft driven by said motor,
110 a beater whip within the receptacle, a shaft carrying said beater whip, and a mov- able member carried by one of said shafts for connecting them in driving engagement.

8. The combination of a flanged recepta- 115
cle, a support for said receptacle engaging the flange of the same, one of said members having recesses and the other having lugs engaging the same for preventing rotation of the receptacle with respect to its support,
120 a motor, arms carried by the receptacle sup- port for suspending said motor above the receptacle with its axis in line with the vertical axis of said receptacle, an axially disposed shaft driven by said motor, a beater whip
125 within the receptacle, a shaft carrying said beater whip, and a movable member carried by one of said shafts for connecting them in driving engagement.

9. The combination of a receptacle, a sup- 130

port for the same, said elements having co-
acting means whereby the receptacle is held
against rotation with respect to its support,
a motor disposed above said receptacle, a
5 shaft driven by said motor, means connected
directly to the motor casing whereby the lat-
ter may be suspended above the receptacle
support with its shaft in axial alinement
with the center of said receptacle, a beater
10 whip within said receptacle, a shaft carry-

ing said beater whip, and a movable mem-
ber carried by one of said shafts for con-
necting them in driving engagement.

In testimony whereof I have signed my
name to this specification in the presence of 15
two subscribing witnesses.

HARRY F. HALL.

Witnesses:

A. L. WHEALTON,
J. A. L. MULHALL.