No. 865,684. PATENTED SEPT. 10, 1907.

# W. A. CUTLER.

## CHURN.

APPLICATION FILED AUG. 10, 1906. RENEWED MAY 13, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

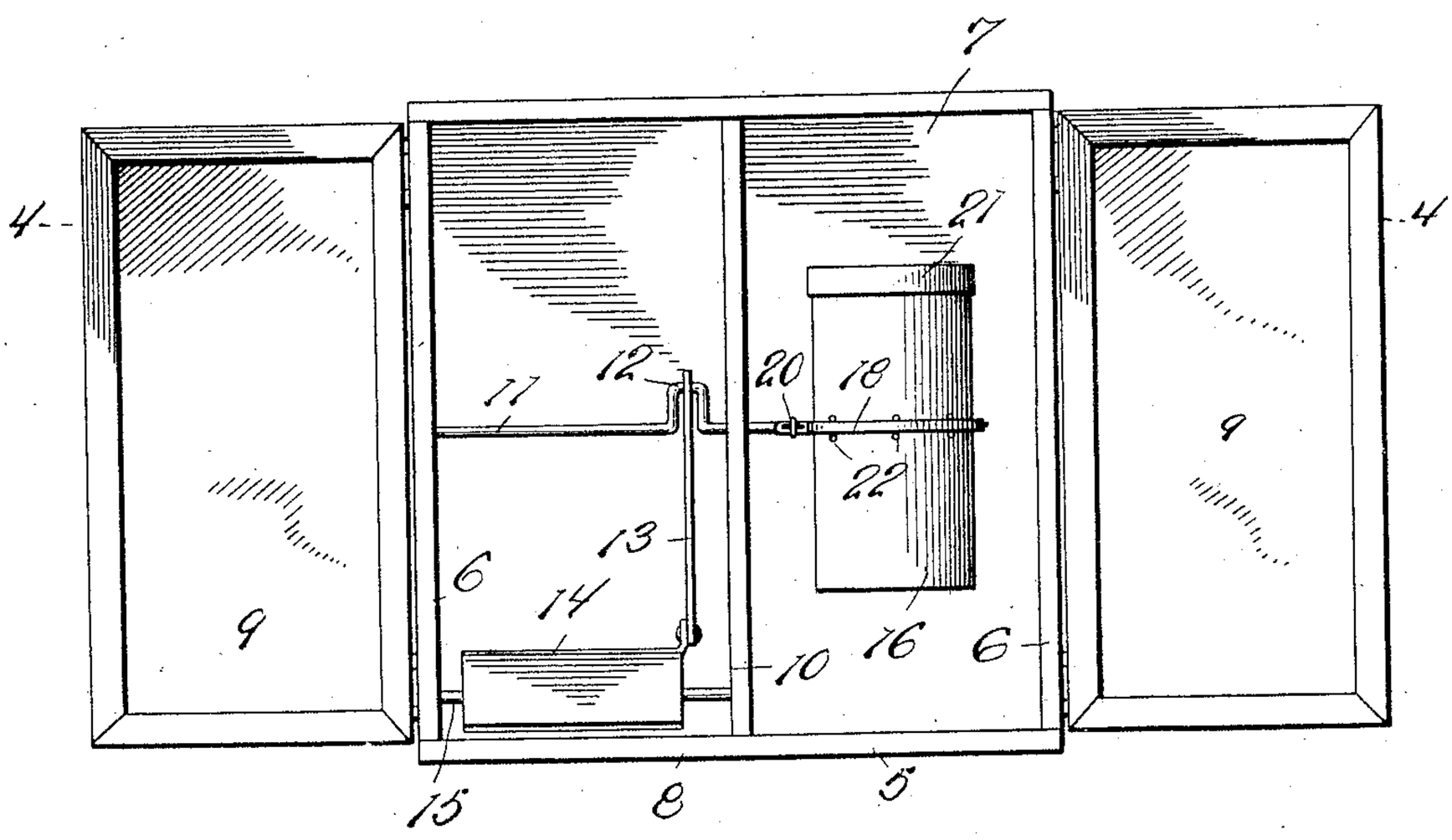
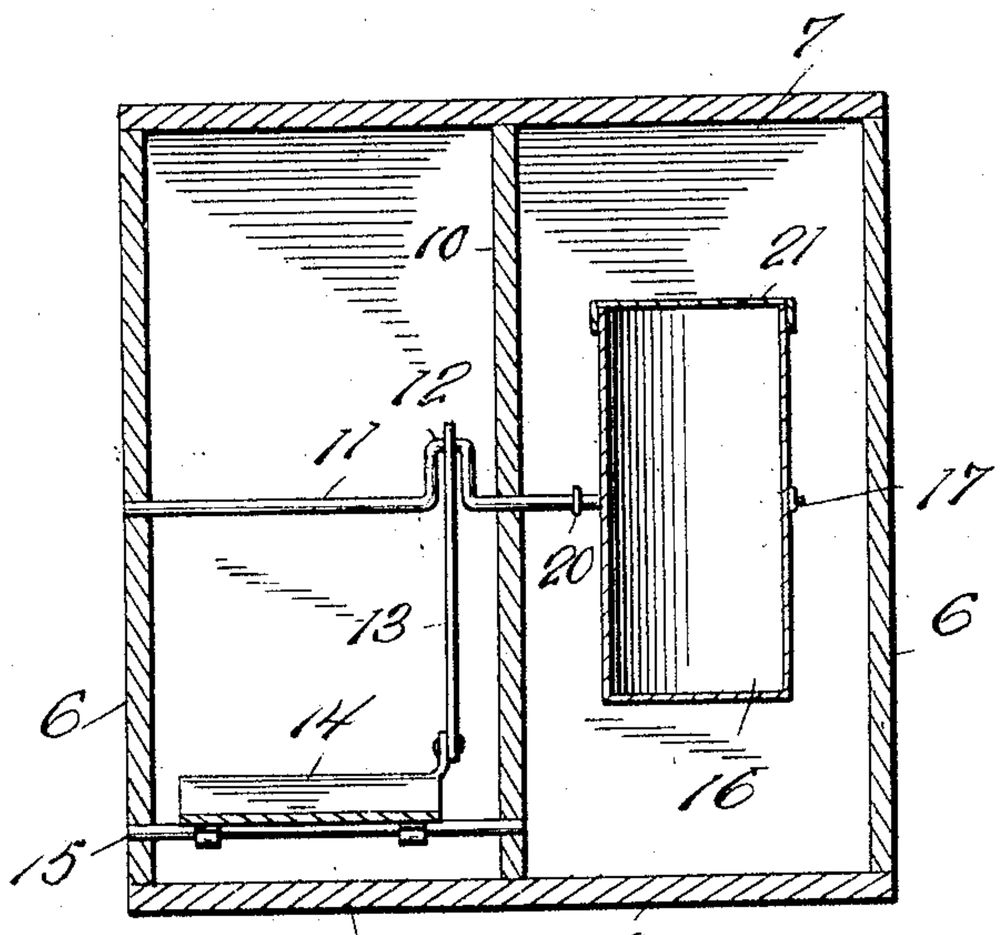



Fig. 2.

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2 SHEETS—SHEET 2.

Fig. 3.

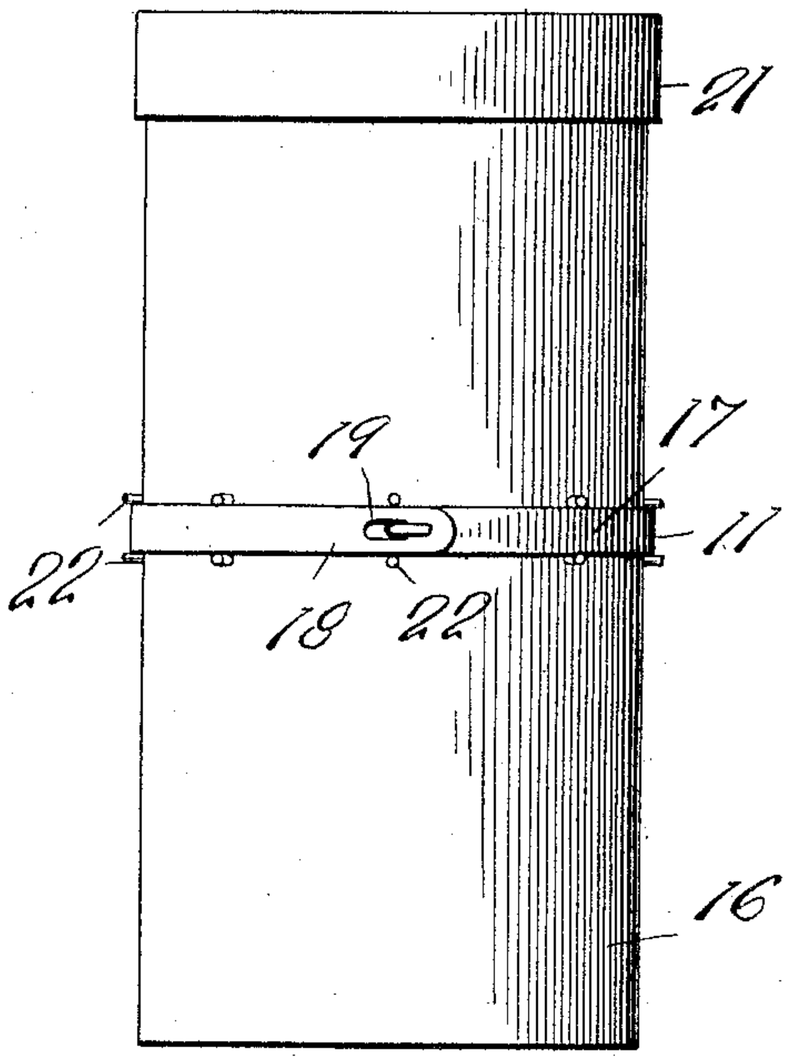
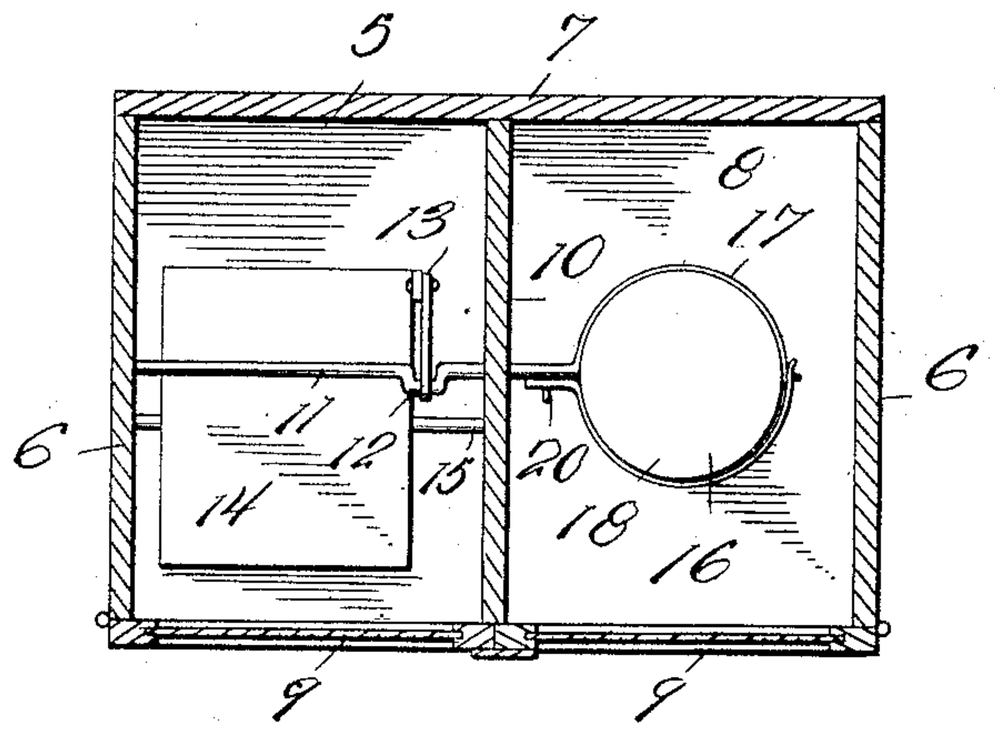



Fig. 4.

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# UNITED STATES PATENT OFFICE.

WALTER A. CUTLER, OF WHITECLAY, NEBRASKA.

## CHURN.

No. 865,684. Specification of Letters Patent. Patented Sept. 10, 1907.

Application filed August 10, 1906, Serial No. 330,041. Renewed May 13, 1907. Serial No. 373,380.

*To all whom it may concern:*

Be it known that I, WALTER A. CUTLER, a citizen of the United States, residing at Whiteclay, in the county of Sheridan, State of Nebraska, have invented certain new and useful Improvements in Churns; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to churns and more particularly to rotary churns and has for its object to provide a novel operating mechanism, and one which will have a casing adapted to perform the function of a table when the churn is in use as well as at other times.

Other objects and advantages will be apparent from the following description, and it is to be understood that I do not desire to be limited to the exact details of construction shown and described, for obvious modifications will occur to a person skilled in the art.

In the drawings forming a portion of this specification and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a front elevation of the churn with the doors of the casing opened. Fig. 2 is a longitudinal section taken in the plane of the shaft. Fig. 3 is an elevational view of the receptacle, showing the free end of the shaft. Fig. 4 is a section on line 4—4 of Fig. 1, showing the receptacle in top plan.

Referring now to the drawings, the present invention comprises a casing 5 having end walls 6, a rear wall 7, and a top supported thereupon, the casing being also provided with a bottom 8 and doors 9 hinged for movement into and out of position to close the front of the casing.

A vertical partition 10 is located within the casing between the ends thereof, and a horizontal shaft 11 is journaled at one end in one of the arms 6 and in the partition 10, extending beyond the latter, and this shaft between the partition and its journaled end, is provided with a crank bearing 12 with which a pitman 13 is engaged, this pitman being connected at its lower end with a treadle 14 carried by a horizontal shaft 15 journaled in the end wall 6 in which the shaft 11 is journaled and in the partition 10.

A hollow receptacle 16 is removably mounted upon the free end portion of the shaft 11, this end portion of the shaft having a bow 17 therein, which receives the receptacle extending around one side thereof, while a retainer 18 has an opening 19 in one end which is engaged over the free extremity of the shaft 11 and detachably connected by means of a latch 20 with the shaft at the inner side of the receptacle. A cover 21 is provided for the receptacle and it will be understood that the treadle 14 may be operated to revolve the shaft 11 and therewith the receptacle, the latter having lateral pins 22 extending above and below the bow 17 and the retainer 18, to hold the receptacle in position, as will be readily understood. It will thus be seen that the receptacle may be easily removed from the shaft for cleaning, and while the churning operation is in progress, the churner may perform other operations upon the top 8 of the casing which operates the table.

What is claimed is:

A churn comprising a casing having a partition therein, a shaft journaled in one wall of the casing and the partition and extending beyond the latter, a receptacle carried by the shaft beyond the partition, said shaft having a crank bend therein, a treadle mounted within the casing, and operative connections between the treadle and the crank bend, said casing having a table top.

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

WALTER A. CUTLER.

Witnesses:
BELLE M. WOOD,
WILLIAM W. WOOD.