

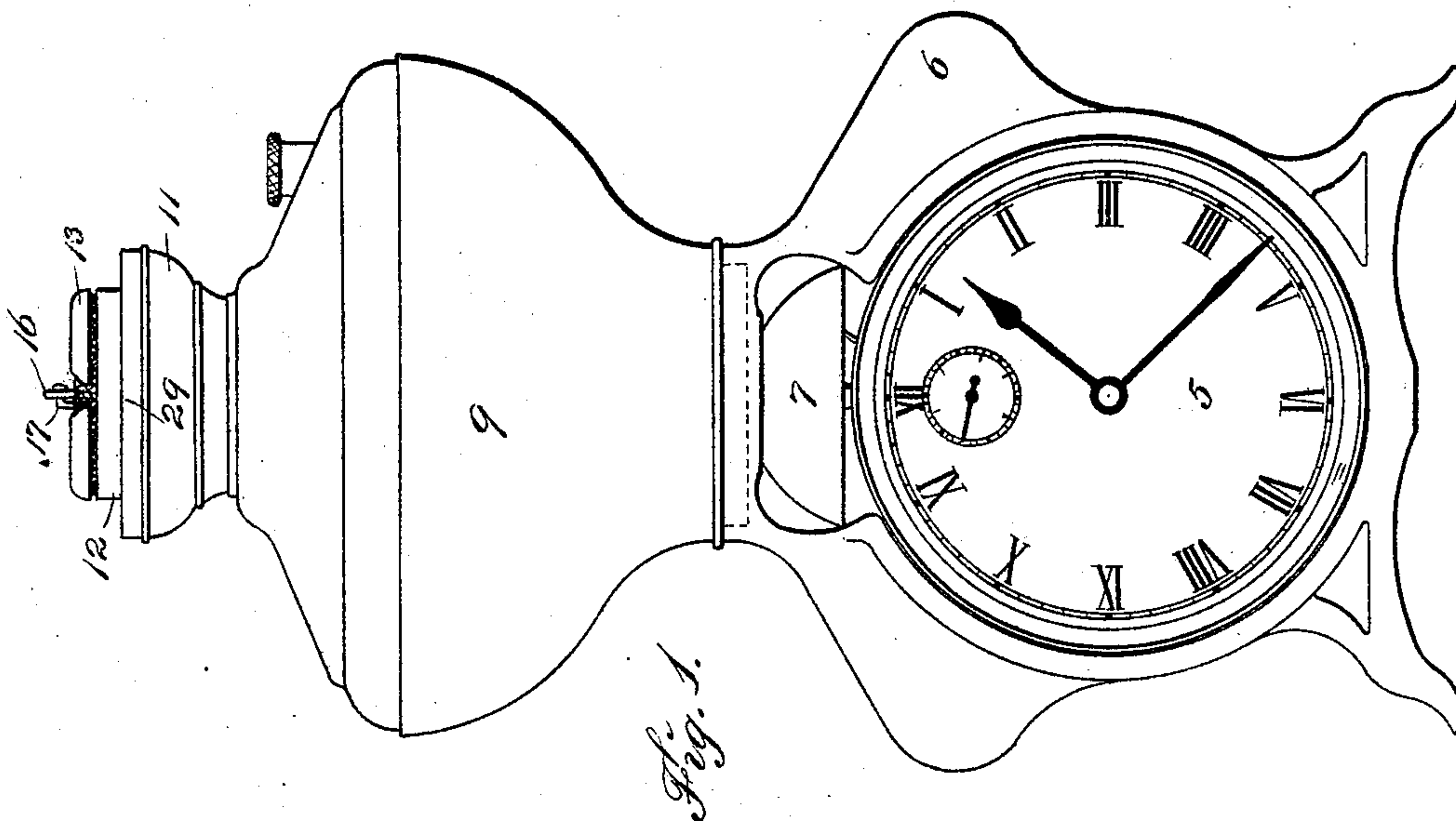
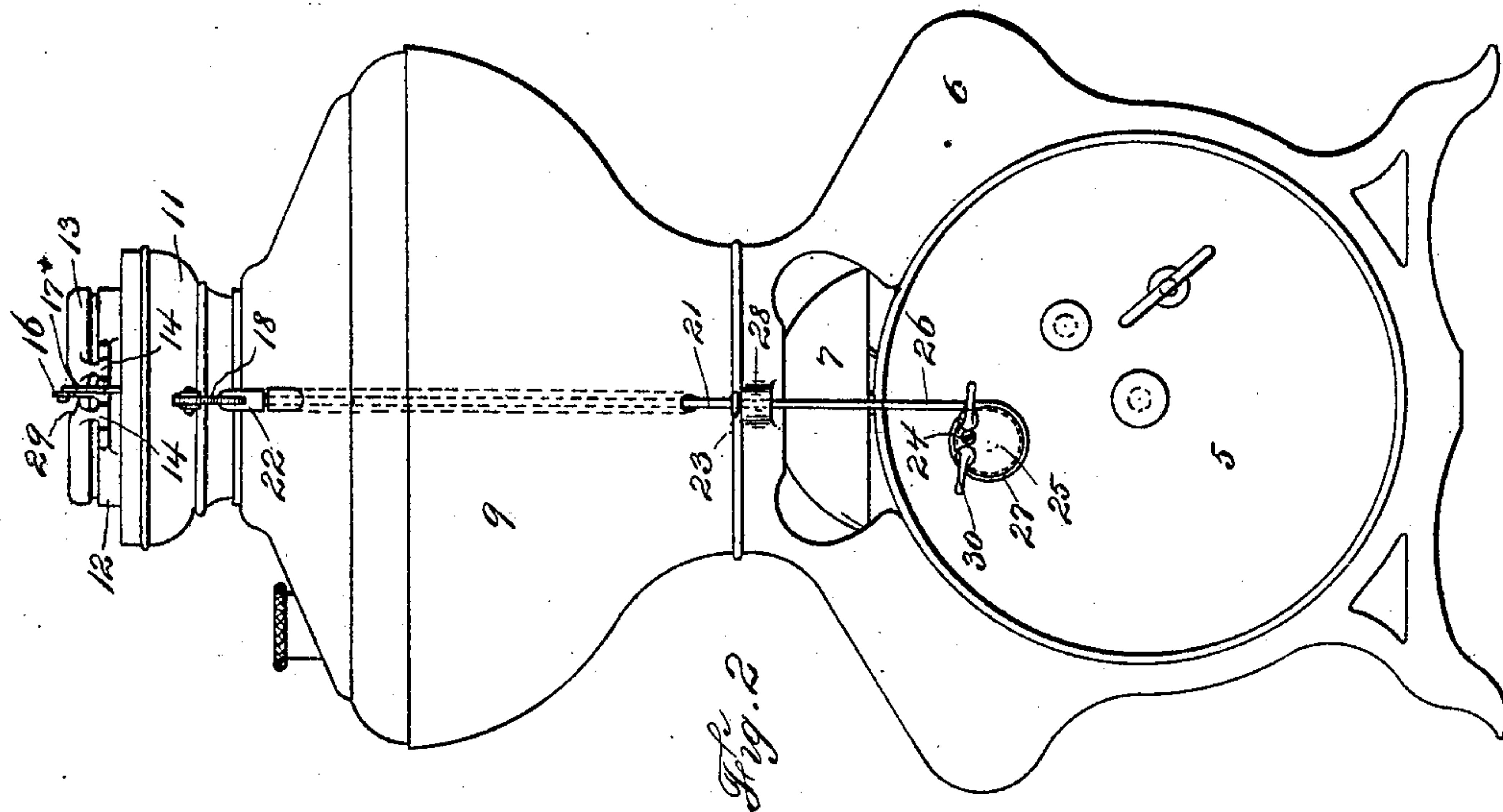
(No Model.)

2 Sheets—Sheet 1.

A. PHERSON.
COMBINATION ALARM CLOCK AND LAMP.

No. 587,064.

Patented July 27, 1897.



WITNESSES

C. Nordfors
C. Gust

INVENTOR

Anthony Pherson

BY

Edgar Tatell
ATTORNEYS.

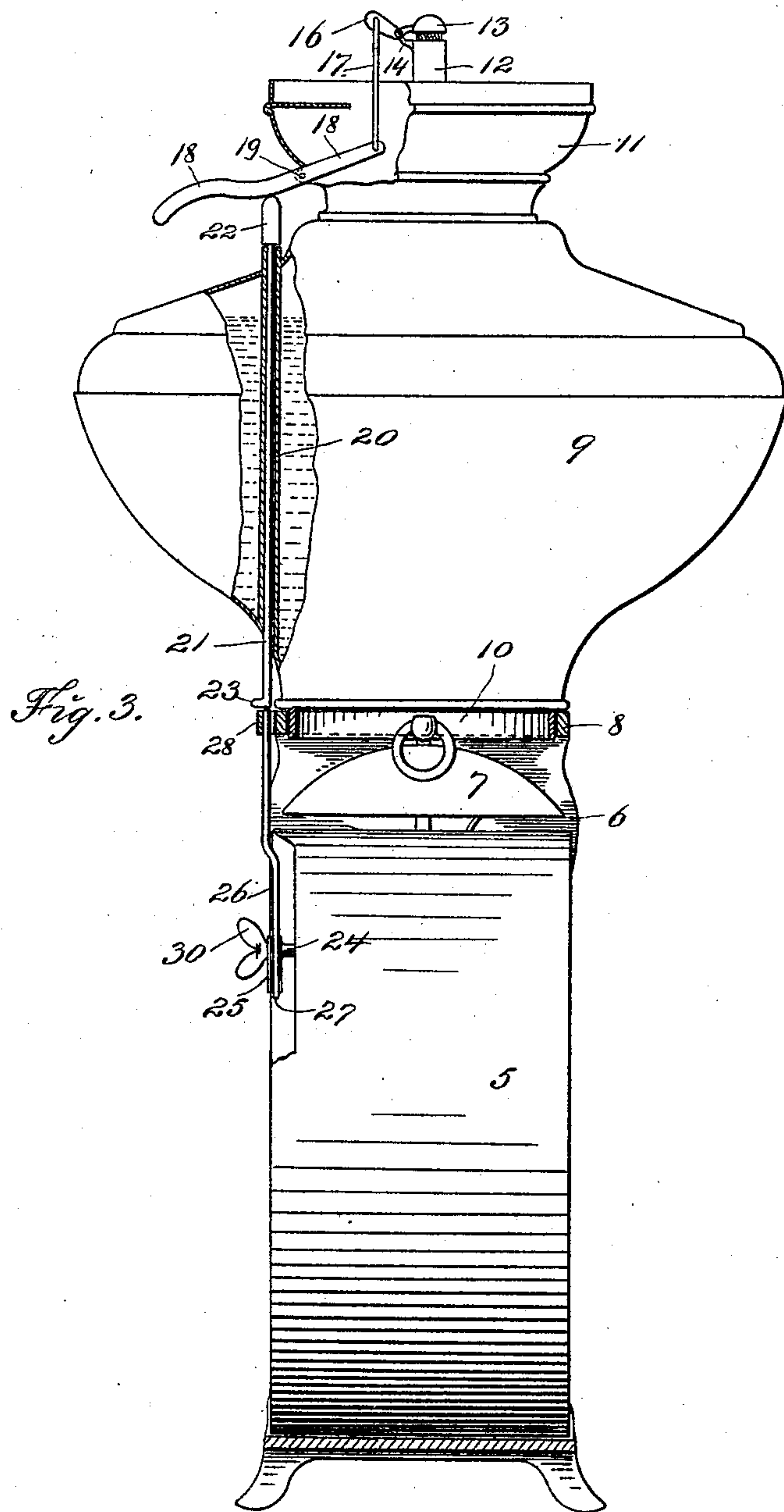
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UNITED STATES PATENT OFFICE.

ANTHONY PHERSON, OF ROCHESTER, NEW YORK.

COMBINATION ALARM-CLOCK AND LAMP.

SPECIFICATION forming part of Letters Patent No. 587,064, dated July 27, 1897.

Application filed September 14, 1896. Serial No. 605,786. (No model.)

To all whom it may concern:

Be it known that I, ANTHONY PHERSON, a citizen of the United States, and a resident of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in a Combination Alarm-Clock and Lamp, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar numerals of reference indicate corresponding parts wherever found throughout the several views.

This invention relates to alarm-clocks and lamps; and the object thereof is to combine with an alarm-clock which is mounted in a suitable frame a lamp which is supported thereon and which is provided with an extinguisher or flame-regulator which is adapted to be operated by the alarm mechanism of the clock.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a front view of my improved combined alarm-clock and lamp; Fig. 2, a back view thereof, and Fig. 3 a sectional side view.

In the practice of my invention I provide an alarm-clock 5, which is preferably circular in form and of any desired construction, and the clock 5 is mounted in a suitable frame 6, in the upper part of which is mounted an alarm gong or bell 7, which is operated by the clock in the usual manner, and the frame 6 is provided at the top thereof with an annular flange or rim 8, and mounted on said frame is a lamp the reservoir 9 of which may be of any desired form and construction, and said reservoir is provided at its lower side with a depending annular rim 10, which fits within the annular flange or rim 8 of the frame 6 and which is detachably connected therewith in any desired manner.

In the drawings forming part of this specification I have shown the lower part or basket 11 of the burner, the upper part, including the flame-cone and the chimney-gallery, being omitted, and the burner is provided with the usual wick-tube 12, and I also provide an extinguisher or flame-regulator 13, which is oblong in form and hinged at one

side to the wick-tube, as shown at 14, and the extinguisher or flame-regulator is also provided with an arm 16, to which is pivoted a vertically-movable rod 17, which passes downwardly into the lower part of the burner and is pivotally connected with a lever 18, which projects outwardly through the burner and is pivoted therein at 19.

Passing vertically through the reservoir of the lamp in line with the lever 18 is a tube 20, and passing through said tube is a vertically-movable rod 21, which is provided at its upper end with a head 22, on which the lever 18 is adapted to rest, and the lower end of the rod 21 is provided with a head 23. The length of this rod is such that in its lowest position it will not interfere with the lamp resting on any place other than the frame 6, nor will it interfere with the operation of the wick when the lamp is not used in connection with the clock.

The devices for setting the alarm are operated by a shaft 24, which projects through the back of the casing and on which is eccentrically mounted a grooved wheel 25, and I also provide a rod 26, the lower end of which is formed into a ring 27, which fits in the groove in the wheel 25, and the upper end of which passes through a keeper 28, secured to or formed on the annular flange or rim 8 of the frame 6, and the lower end or head 23 of the rod 21 rests in its lowest position on said keeper.

The extinguisher 13 is semicircular in cross-section or trough-shaped in form, and the convex side thereof is directed upwardly and provided centrally with a transverse notch or recess 29, and this device, when constructed as described and when turned over the end of the wick in the operation thereof, extinguishes the same with the exception of a small central flame, which is left burning, and when turned backwardly the entire wick will be ignited by said small flame, as will be readily understood.

In operation when it is desired to set the alarm for a certain time and to fully ignite the lamp at the same time the outer end of the lever 18 is lowered into the position shown in Fig. 3, which throws the cap or cover 13 over the end of the wick-tube and extin-

guishes the flame, with the exception of the small central jet, and in this position of the lever 18 the outer end thereof rests on the rod 21, the lower end of which rests on the keeper 28, and the alarm is set by turning the thumb-nut 30, with which the eccentric wheel 25 is connected and which operates the shaft 24, and when this is properly done and the operative parts connected with the lever 18 properly set all of said parts will be in the position shown in Fig. 3, and when the alarm operates the eccentric wheel 25 will be revolved, and this operation will raise the rod 26, which will raise the outer end of the lever 18, and this operation of the lever 18 turns the cap or cover 13 of the extinguisher or flame-regulator backwardly and the entire wick is ignited.

When the lever 18, or the outer end thereof, has once been raised and the entire wick ignited, it will remain in this position until depressed by hand, and the revolution of the shaft 24 during the sounding of the alarm does not affect it.

This device, as will be seen, is simple in construction and operation and perfectly adapted to accomplish the result for which it is intended, and it is evident that changes in and modifications of the construction herein described may be made without departing

from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

The combination of a clock suitably mounted in a frame, having an alarm connected therewith, a wheel eccentrically mounted on said clock, and operated by said alarm, a rod engaging the said wheel and a keeper on said frame for directing the rod, and of a lamp mounted over said clock, a wick-tube in said lamp, an extinguisher secured adjacent to said tube, a lever pivoted on the lamp and connected with the extinguisher, a tube passing through said lamp and a rod passing through said tube, said rod connected at one end with a lever and having its other end extending down to a point not below the base of the lamp and over the rod mounted on said clock, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 11th day of September, 1896.

ANTHONY PHERSON.

Witnesses:

W. W. HILL,

CHARLES S. ROGERS.