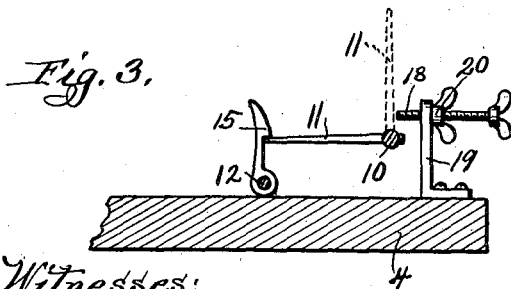
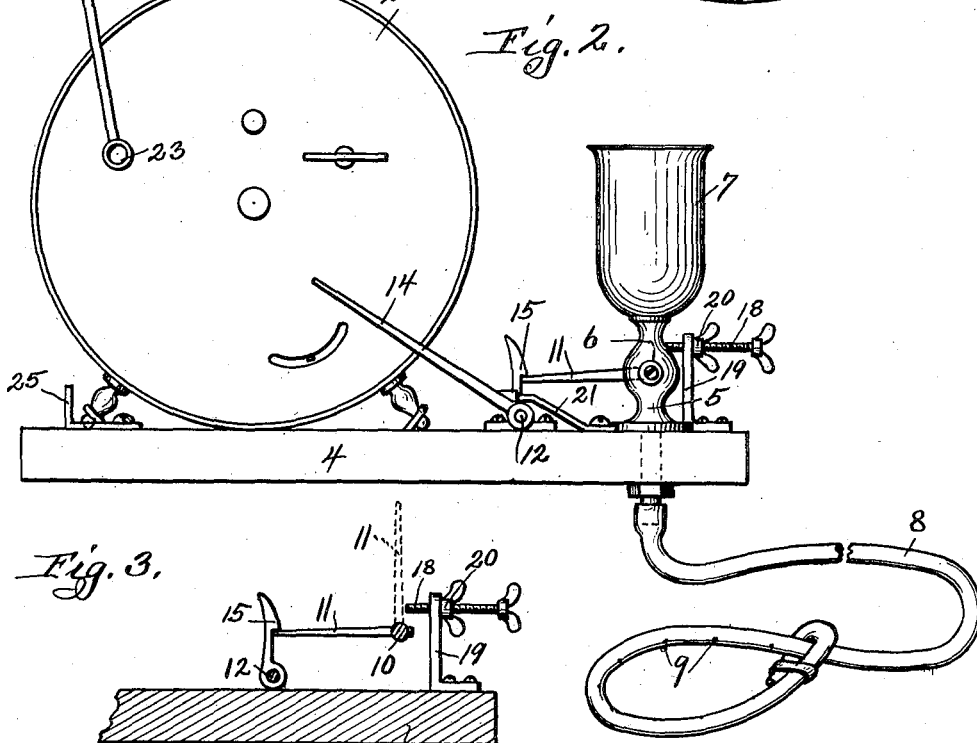
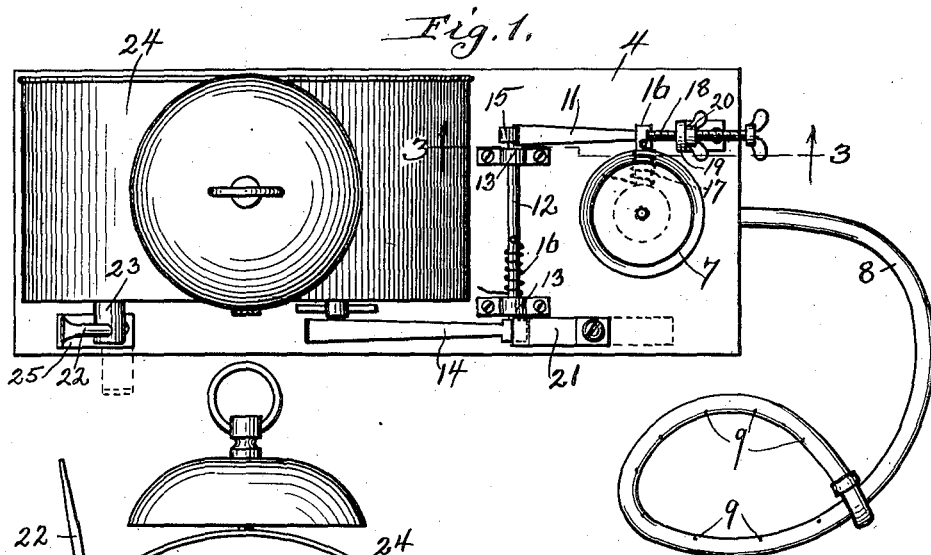


No. 889,928.

PATENTED JUNE 9, 1908.

G. HOGAN.
TIME ALARM.

APPLICATION FILED NOV. 16, 1907.



Witnesses:
R. J. Jaeger
Fred J. Betz

Inventor:
George Hogan

UNITED STATES PATENT OFFICE.

GEORGE HOGAN, OF CHICAGO, ILLINOIS.

TIME-ALARM.

No. 889,928.

Specification of Letters Patent.

Patented June 9, 1908.

Application filed November 16, 1907. Serial No. 402,550.

To all whom it may concern:

Be it known that I, GEORGE HOGAN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Time-Alarm, of which the following is a specification.

My invention relates to alarms for waking a person out of sleep, and the objects of my invention are, first, to have an alarm sound at a predetermined time and the action of the alarm to open a valve which will permit water to flow on the person sleeping; second, to provide a perforated hose to direct water to the neck of a person; third to arrange mechanism whereby the alarm can be used alone; fourth, to make a device which will wake any person; fifth, to make a simple, cheap and durable device and other objects to become apparent from the description to follow:

Heretofore many devices have been used for waking persons out of sleep but as far as I am aware they wake the person with a shock or fail to wake them altogether. By the use of my invention the person is awakened suddenly and without a shock of any kind whatever.

The device consists of placing a perforated hose about the neck of the person and having the end of the hose connected to a cup of water located on an elevated shelf so that the water can gravitate to the person. A valve which is normally closed controls the flow of water from the cup into the hose. The valve is opened by the action of an alarm clock or any other time alarm, for convenience I have shown an alarm clock in connection with the device.

To describe my invention so that others versed in the art to which it pertains can make and use the same, I have illustrated it on the accompanying sheet of drawing in which:

Figure 1, is a top plan view of a device embodying my invention; Fig. 2, is a side elevation of the same and Fig. 3, is a section 3—3 of Fig. 1.

Similar reference characters refer to similar parts throughout the several views.

Upon the base board 4, is mounted a vertical tube 5 provided with the valve 6 and having the cup 7 connected to its upper end. The lower end of tube 5 extends through the board 4 and has connected thereto one end of the hose 8 which has its remaining end formed with a slip loop to fit about the neck

of a person. The loop portion of the hose is provided with the small perforations 9.

The valve 6 is extended out into the stem 10 which has on its extremity the arm 11 extending at right angle thereto. A rock shaft 12 is mounted in bearings 13 close to the valve 6 and has mounted on one of its ends an arm 14 and on the remaining end a catch 15. A spring 16 is provided to normally rock the shaft 12 in such position that the catch 15 will be in the path of the end of the arm 11 and will hold said arm in its operated position. The valve stem 10 has a spring 17 connected to it which normally turns the valve to an open position with the arm 11 resting against the adjustable stop 18, which is made in the form of a screw, threaded in a bracket 19 and provided with a lock nut 20.

The shaft 12 is prevented from being turned too far by the action of spring 16, by the arm 14 contacting with the stop 21 pivotally secured to the board 4. The free end of the arm 14 is in the path of a lever 22 secured to the winding stem 23 of the alarm spring of a clock 24.

In operation the loop of the hose is placed about the neck of the person; the arm 11 is moved around until its free end is caught and retained by the catch 15; water is placed into the cup 7 and the clock alarm is set for the desired time in the usual manner. At the appointed time the clock alarm will sound, the winding stem turning in a reverse direction, *i. e.* clockwise as viewed in Fig. 2; the lever 22 will contact with and move the arm 11 a sufficient distance to release the catch 15 from the end of the arm 11; the spring 17 will then turn the valve 6 to an open position and the water from the cup 7 will flow through the hose 8 and out of the perforations 9. The lever 22 after moving the arm 11 will continue in its movement until it comes to stop against the bracket 25 pivotally secured to the board 4.

When it is desired to use the alarm on the clock alone, the stop 21 and the bracket 25 are moved to the positions shown by dotted lines in Fig. 1, to be out of the path of their cooperating parts.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent of the United States is:

1. In a device of the class described, a receptacle for water, a hose communicatively connected to said receptacle a portion of said hose provided with perforations and ar-

ranged to be fastened about the limb of a person, a valve to control the flow of water through said hose and a clock movement mechanism to control the opening of said
5 valve.

2. In a device of the class described a hose a valve normally held open by a spring to control the flow of water through said hose, a catch to hold said valve closed against the
10 tension of said spring, a clock work mechanism to trip said catch and a loop on said hose provided with perforations arranged to be placed about a limb of a person.

3. In a device of the class described, a hose

adapted to be fastened to the person of the 15 user, and having perforations giving escape to the water, a water receptacle for supplying water to said hose, and means under the control of a time movement for admitting the
20 water to the hose.

In testimony whereof I have signed my name to this specification in presence of two subscribing witnesses this 11th day of November 1907 at Chicago, Illinois.

GEORGE HOGAN.

Witnesses:

R. J. JACKER,

MILTON LENORE.