

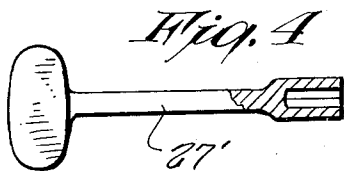
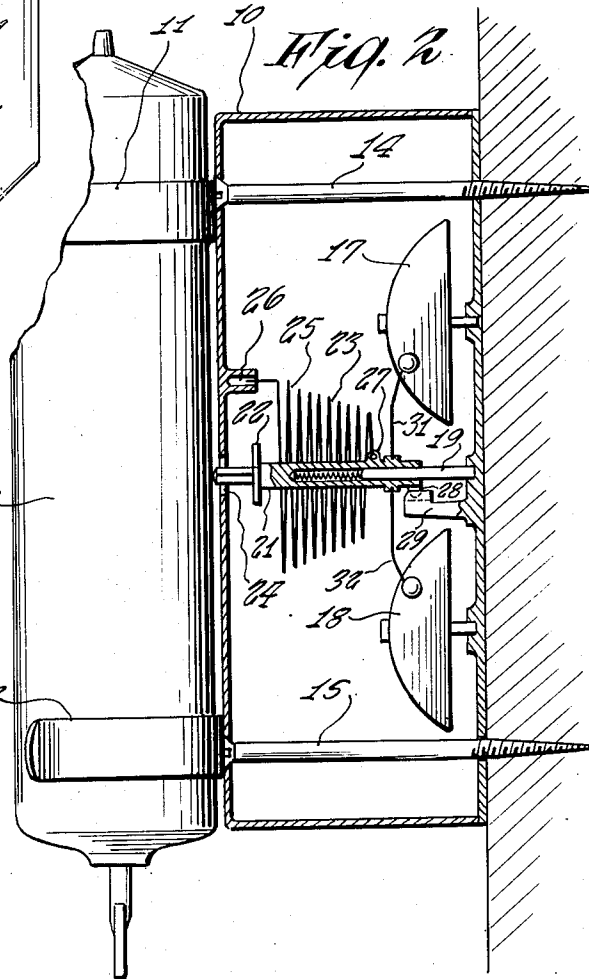
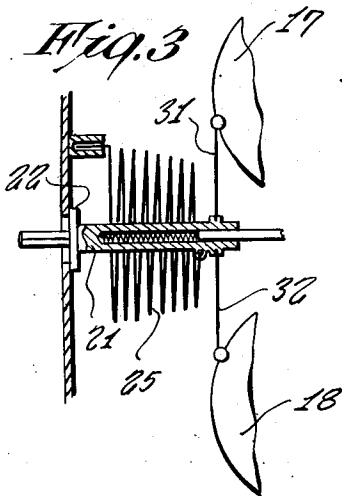
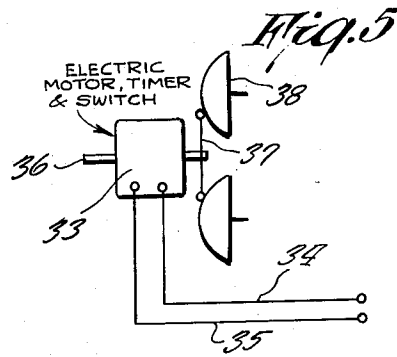
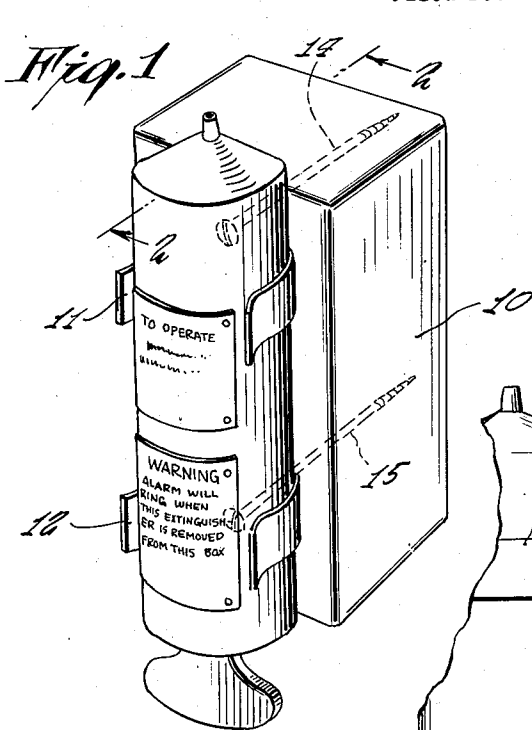
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2,614,519

COMBINED FIRE ALARM AND EXTINGUISHER HOLDER

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COMBINED FIRE ALARM AND EX-
TINGUISHER HOLDER

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1 Claim. (Cl. 116—67)

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This invention relates to a combined fire alarm and extinguisher holder.

It is an object of the present invention to provide a combined fire alarm and extinguisher holder wherein upon the extinguisher being removed from the holder an automatic alarm will be given to indicate that there is a fire and wherein this same alarm may serve to prevent one from stealing the fire extinguisher and thereby to provide a satisfactory device for use in hotels and other similar places where there is apt to be stealing of fire extinguishers.

Other objects of the present invention are to provide a combined fire extinguisher holder and alarm which is of simple construction, inexpensive to manufacture, has a minimum number of parts, adapted to automatically set off an alarm as the fire extinguisher is removed, compact, easy to set into operation and efficient in use.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which

Fig. 1 is a perspective view of the combined fire extinguisher holder and alarm embodying the features of the present invention.

Fig. 2 is an enlarged vertical sectional view taken generally on line 2—2 of Fig. 1 and through the holder containing the alarm parts with the fire extinguisher in place and the alarm device held against operation.

Fig. 3 is a fragmentary sectional view similar to Fig. 2 with the alarm device released for operation.

Fig. 4 is a side elevational view of the key for winding the alarm device with a portion thereof broken away.

Fig. 5 is a diagrammatic view of an electric switch operated alarm including an electric motor, timer and switch which is put in motion upon removal of the fire extinguisher.

Referring now to the figures, 10 represents a casing adapted to house the alarm parts and on which are clip brackets 11 and 12 for receiving and retaining a fire extinguisher 13. The casing 10 is held in place on a wall by long screws 14 and 15.

Within the housing 10 are vertically spaced bell elements 17 and 18 and a pin 19 projecting forwardly from the rear wall of the housing. Slidable upon the pin 19 is a sleeve operating member 21 having a flange 22 adapted to engage with the inner face of the front wall under ac-

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tion of an internal spring 23 upon the fire extinguisher 13 being removed from the brackets 11 and 12. The end of the sleeve 21 projects through an opening 24 in the front wall.

Surrounding this sleeve is a coil spring 25 anchored to the front wall of the casing at 26 and to the sleeve at 27. This spring can be wound by a key 27' upon the extinguisher being removed, but the sleeve 21 will be held against rotation by an engagement of boss 28 with a stop projection 29 extending forwardly from the rear wall of the casing. Extending radially outwardly from the sleeve are bell striking members 31 and 32. Upon the fire extinguisher being removed and with the spring 25 completely tightened, the sleeve 21 will be moved forwardly under the action of spring 23 so as to release the boss 24 from the stop projection 29 whereby the sleeve 21 will be rotated in such a manner that the bell striking elements will engage with the bell elements 17 and 18 and effect an alarm. This alarm will operate regardless of whether there has been a fire or whether the extinguisher has been stolen. Indication is thereby given to others of the removal of the extinguisher. After the alarm has been sounded the same will have to be again set with the key 27' and the extinguisher fixed upon the brackets 11 and 12.

In Fig. 5, there is shown an alarm arrangement utilizing an electric motor timer and switch combination 33 which is connected to an electric source through wires 34 and 35. This motor will be operated upon release of pin 36 so that striking elements 37 will engage with bell elements 38. Upon return of the fire extinguisher, the switch operating member 36 will be moved inwardly to open the electric motor circuit.

It should now be apparent that there has been provided a combined fire extinguisher and alarm device that has particular adaptation for use in hotels, cabins and the like places and such that the removal of the fire extinguisher automatically will set off the alarm.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claim.

Having thus set forth and disclosed the nature of my invention, what is claimed is:

A combined fire extinguisher holder and bell alarm device comprising a casing, bell elements mounted in the casing, a pin mounted in the casing between the bell elements, an operating member slidably fitted upon said pin and adapt-

ed to project through the front of the casing, biasing means extending between the pin and the operating member to normally urge the operating member toward the front of the casing, a flange engaging with the front of the casing, a coil spring connected between the operating member and the casing and a projection on the operating member, stop means on the casing engageable with the projection on the operating member upon the operating member being depressed against the action of the spring means, said coil spring being adapted to be wound and striking elements upon the operating member engageable with the bell elements upon the operating member being released and acted upon

by the coil spring, spaced brackets extending from the front of the casing adapted to receive a fire extinguisher whereby said fire extinguisher may keep the operating member depressed.

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