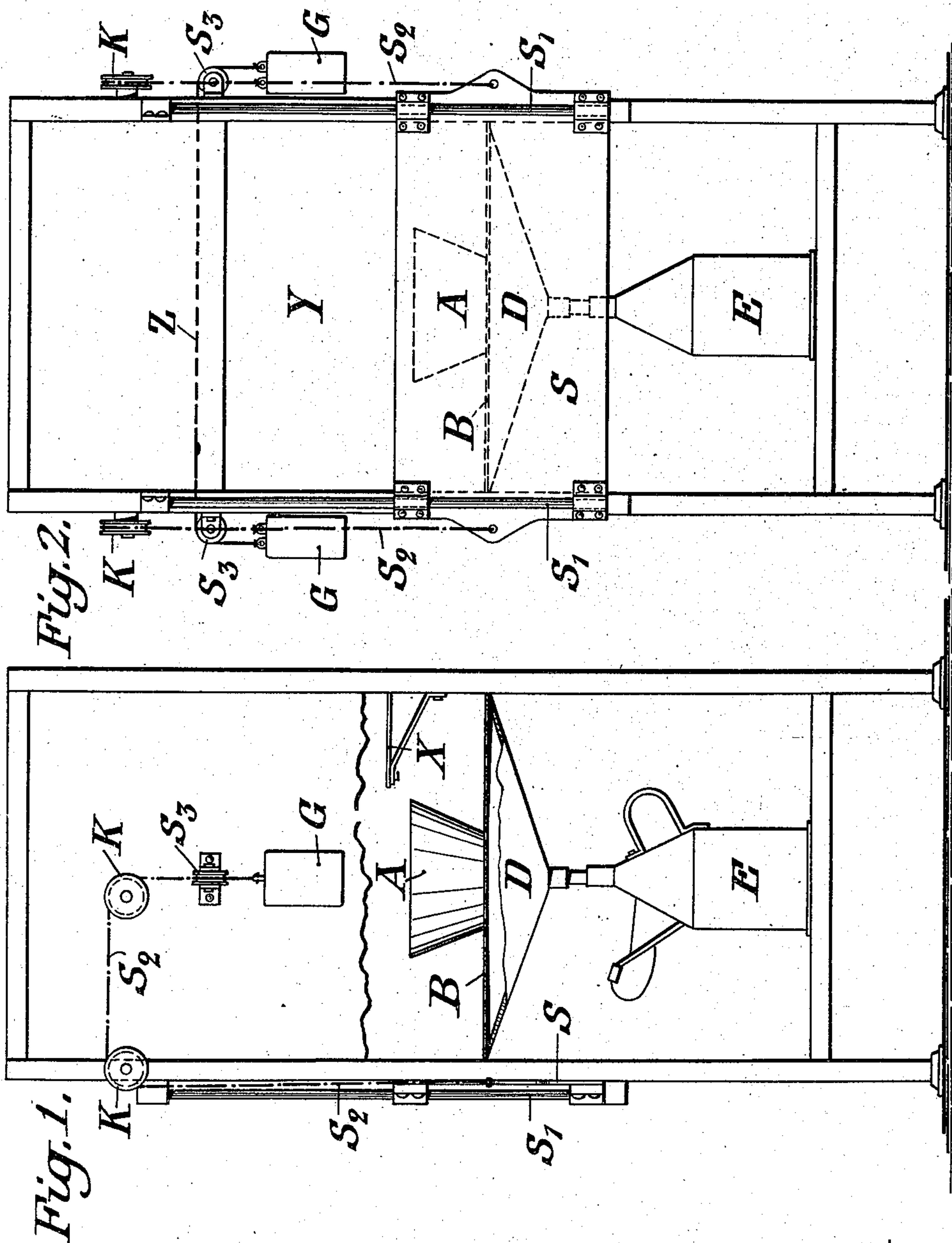


R. BOSCH.
WASHSTAND WITH FIRE EXTINGUISHER.
APPLICATION FILED JULY 19, 1911.

1,166,810.

Patented Jan. 4, 1916.



WITNESSES

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UNITED STATES PATENT OFFICE.

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WASHSTAND WITH FIRE-EXTINGUISHER.

1,166,810.

Specification of Letters Patent.

Patented Jan. 4, 1916.

Application filed July 19, 1911. Serial No. 639,392.

To all whom it may concern:

Be it known that I, ROBERT BOSCH, engineer, a subject of the Emperor of Germany, residing at 11-13 Hoppenlaustasse, Stuttgart, Germany, have invented certain new and useful Improvements in Washstands with Fire-Extinguishers; 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 a washstand for washing with inflammable liquids, in combination with means for automatically extinguishing accidental fire within the washstand. Devices for this purpose have been heretofore proposed in which the flames are extinguished by a fire extinguishing material, such as sand or ashes, the material being automatically released as a result of the action of the flames.

In accordance with this invention, the flames are smothered by providing a movable member to automatically close a normally open compartment containing the wash basin in a substantially air tight manner as soon as the inflammable washing liquid catches fire. For this purpose, an easily ignitable string placed above the wash stand, as in my co-pending application, Serial No. 584,219, filed September 28, 1910, restrains the operating mechanism until the flames burn the string, whereupon the operating mechanism automatically releases the movable member.

In the accompanying drawings, showing an embodiment of the invention, parts being broken away for the sake of clearness, Figure 1 is a view of the washstand in side elevation, and Fig. 2 is a view thereof in front elevation.

The wash basin A containing the inflammable washing liquid, such as benzin, naphtha, or the like, rests upon a perforated plate B positioned within a compartment Y. This compartment is closed at the top, back and sides by sheet metal walls and at the bottom by a funnel D which conducts any

liquid splashing or overflowing from the wash basin to the safety benzin can E of a well known type. The compartment is normally open at the front whereby the workman has access to the wash basin. The shelf X provides a convenient place for holding the material which is to be washed. A normally open door S slidably mounted on guides S' has secured thereto supporting wires or chains S² which pass over pulleys K and are attached to weights G. The weights are held in their raised positions by an ignitable string Z which passes through the compartment Y. Upon ignition of the inflammable liquid, the string Z burns, thus allowing the weights to fall by gravity, whereby the door S will be raised to close the opening Y. The compartment will thus be effectively sealed and the flames therein will be smothered.

Having thus described my invention, what I claim is:

In a washstand, in combination, a washing compartment having an opening at the front thereof for affording access to the compartment, guides positioned on opposite sides of the opening, a door slidably engaging the guides and adapted to slide upwardly thereon to close the opening to thereby render the compartment substantially air-tight, pulleys secured to the washstand above the opening, supporting members secured to the door and passing over the pulleys, weights secured to the supporting member and tending to fall to raise the door to its closed position, and easily ignitable means extending through the compartment and normally supporting the weights so as to restrain them from closing the door until the ignitable means is burned by flames within the compartment.

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

ROBERT BOSCH.

Witnesses:

REINGOLD ELWERT,
MAX ANSCHÜTZ.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."