

C. SAVELSBERG.
MEANS FOR CLOSING PIT MOUTHS.
APPLICATION FILED APR. 24, 1911.

995,096.

Patented June 13, 1911.

2 SHEETS-SHEET 1.

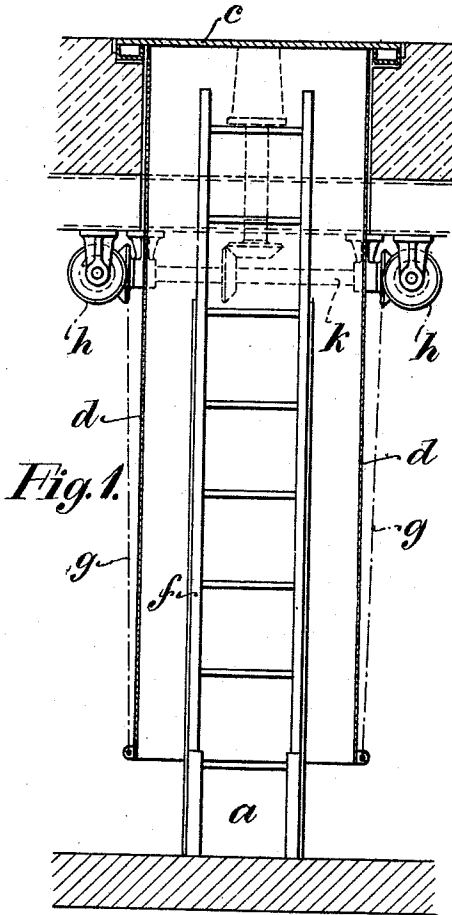


Fig. 1.

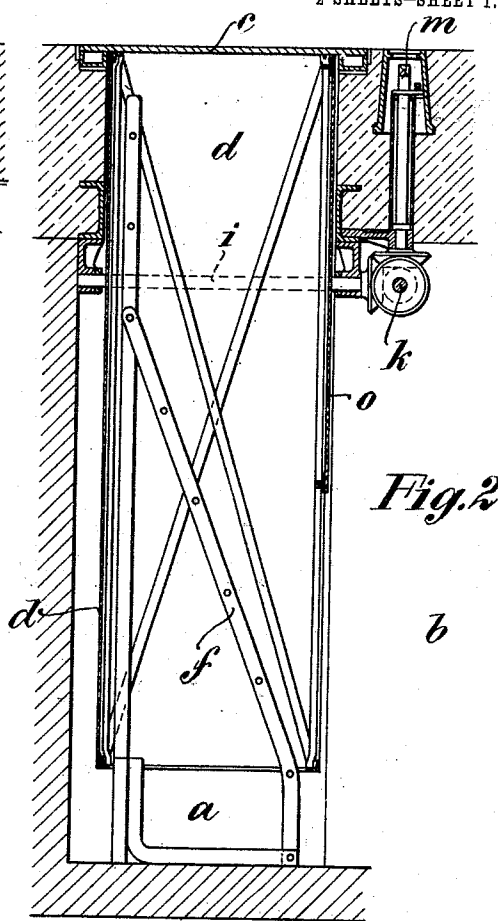


Fig. 2.

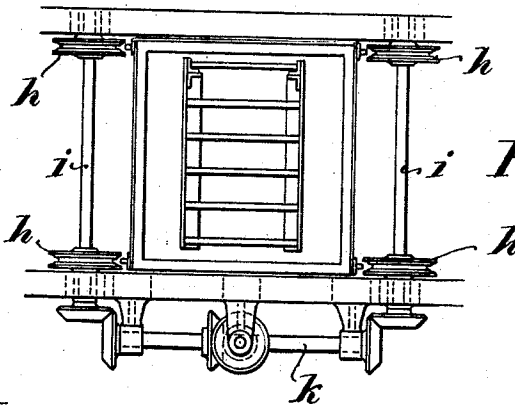


Fig. 3.

Witnesses:
Anton W. Islander.
Harry G. Ruetz

Inventor
C. Savelberg
per F. Dittmar
Attorney.

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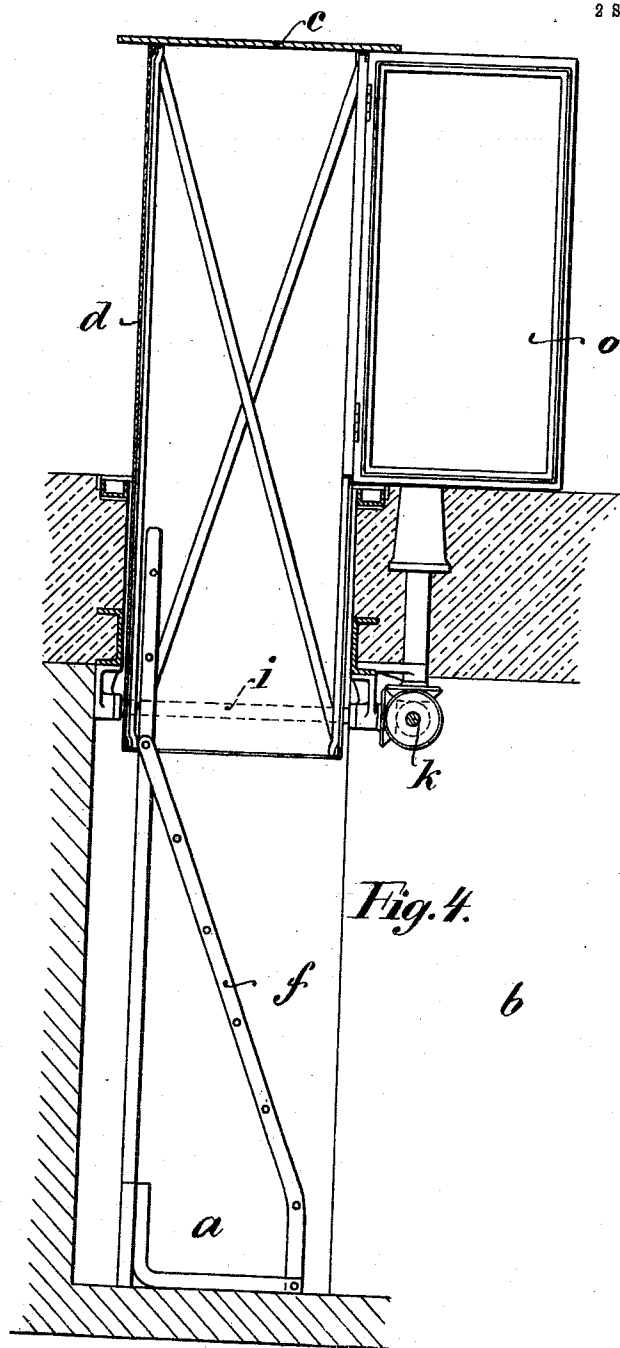


Fig. 4.

b

Witnesses:

John W. Selander.

Harry B. Rueth

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UNITED STATES PATENT OFFICE.

CARL SAVELSBERG, OF AACHEN, GERMANY.

MEANS FOR CLOSING PIT-MOUTHS.

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Specification of Letters Patent. Patented June 13, 1911.

Application filed April 24, 1911. Serial No. 623,034.

To all whom it may concern:

Be it known that I, CARL SAVELSBERG, a subject of the King of Prussia, German Emperor, residing at Aachen, in the Province of the Rhine, Kingdom of Prussia, German Empire, have invented certain new and useful Means for Closing Pit-Mouths, of which the following is a specification.

My invention relates to improvements in means for closing pit-mouths, and particularly in means for closing the mouths of pits which are provided in streets and places for enabling persons to enter the canals containing electrical and other conduits or devices connected therewith.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a vertical section through the pit with the new means for closing its mouth; Fig. 2 is a vertical section at a right angle thereto; Fig. 3 is a plan-view; Fig. 4 is an elevation, partially in section, showing the different parts in the position for enabling persons to enter the pit and the adjacent canal.

a is the pit, and b the canal or room to be entered by the persons controlling the conduits or devices contained therein.

c is the cover of the pit. This cover c

forms the top of the box d surrounding the ladder f rigidly attached to the bottom of the pit a . The said box is suspended on chains g which run over the disks h secured to the shafts i . The latter can be rotated by the horizontal shaft k and the latter by the vertical shaft m which has four-cornered end adapted to engage with a key or handle. The box d has a hinged door o .

By rotating the shaft m the box d is raised so that it appears above the surface of the street. The door o can, then, be opened and persons can step down the ladder f for entering the room b . The door o can be closed while the persons are doing their work in the said room.

What I claim is:

Means for closing pit-mouths, consisting in a box the top of which is formed by the cover of the pit, and which is provided with a door, and in means for raising and lowering the said box, as set forth.

In testimony, whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CARL SAVELSBERG.

Witnesses:

WILLIAM J. KEUTERS,
ELISE KALBUSCH.

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