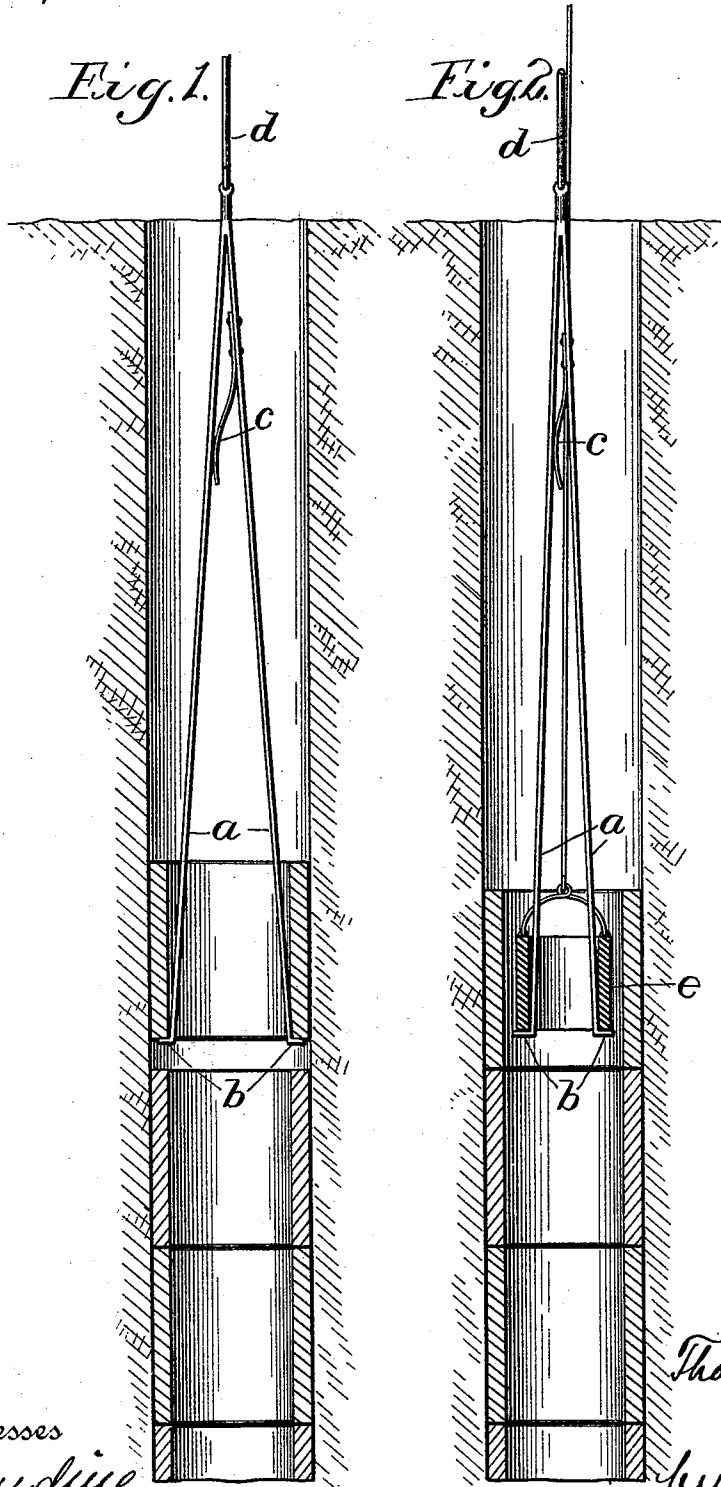


(No Model.)

T. C. COOK.
DEVICE FOR PLACING TILES.

No. 517,329.

Patented Mar. 27, 1894.



Witnesses
Cl. Budine
H. A. Dodge.

Thos. C. Cook,
Inventor,
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Attorneys.

UNITED STATES PATENT OFFICE.

THOMAS CALVIN COOK, OF CONCORD, NORTH CAROLINA, ASSIGNOR OF FIVE-EIGHTHS TO W. J. MONTGOMERY, J. L. CROWELL, AND JOHN A. KIMMONS, OF SAME PLACE.

DEVICE FOR PLACING TILES.

SPECIFICATION forming part of Letters Patent No. 517,329, dated March 27, 1894.

Application filed August 10, 1893. Serial No. 482,859. (No model.)

To all whom it may concern:

Be it known that I, THOMAS CALVIN COOK, a citizen of the United States, residing at Concord, in the county of Cabarrus and State of North Carolina, have invented certain new and useful Improvements in Devices for Placing Tiles, of which the following is a specification.

My invention relates to devices for placing tiles or linings into wells or excavations, and consists in a novel construction of the same as hereinafter set forth and claimed.

In the drawings,—Figure 1 is a vertical sectional view showing a tile just lowered into position; and Fig. 2, a similar view showing the placing device released from the tile.

My improved device comprises two arms *a* connected at their upper ends and having their lower ends bent out laterally to form feet *b* to support the tile by its lower edge. The arms are separated or held apart by means of a spring *c* as shown, and are lowered into the well or excavation by means of a rod, chain, or other suspending device *d*. When it is desired to place a tile in position, it is placed upon the feet or bent ends *b b*, as shown in Fig. 1, and lowered into the excavation. I then place over the suspending device *d*, a sleeve or collar *e* which as it descends, strikes upon the arms *a a*, and draws or forces them inward toward each other, and

at the same time withdrawing the feet *b* from beneath the tile and allowing the latter to seat itself. The sleeve *e*, while of such size as to fit freely within the tile, is not large enough to pass over the feet *b*, and hence when the device is raised, the sleeve or collar will also be raised. When raised to the surface, the sleeve is removed, another tile placed upon the feet, and the device again lowered for a repetition of the operations described. While I prefer to employ a spring, it is not necessary, as the resiliency of the arms themselves may be sufficient.

Having thus described my invention, what I claim is—

In a device for placing tiles &c., the combination with the arms *a a* bent laterally at their lower ends to form feet *b b*, and connected at their upper ends; a suspending device; and a removable sleeve or collar adapted to be lowered down upon the arms and force the same toward each other to release the tile, but incapable of passing off the lower ends of the arms.

In witness whereof I hereunto set my hand in the presence of two witnesses.

THOMAS CALVIN COOK.

Witnesses:

G. W. TAYLOR,
THOS. W. SMITH.