No. 844,470. PATENTED FEB. 19, 1907.

L. H. REIBOLD.

KETTLE CRANE.

APPLICATION FILED JAN. 24, 1906.

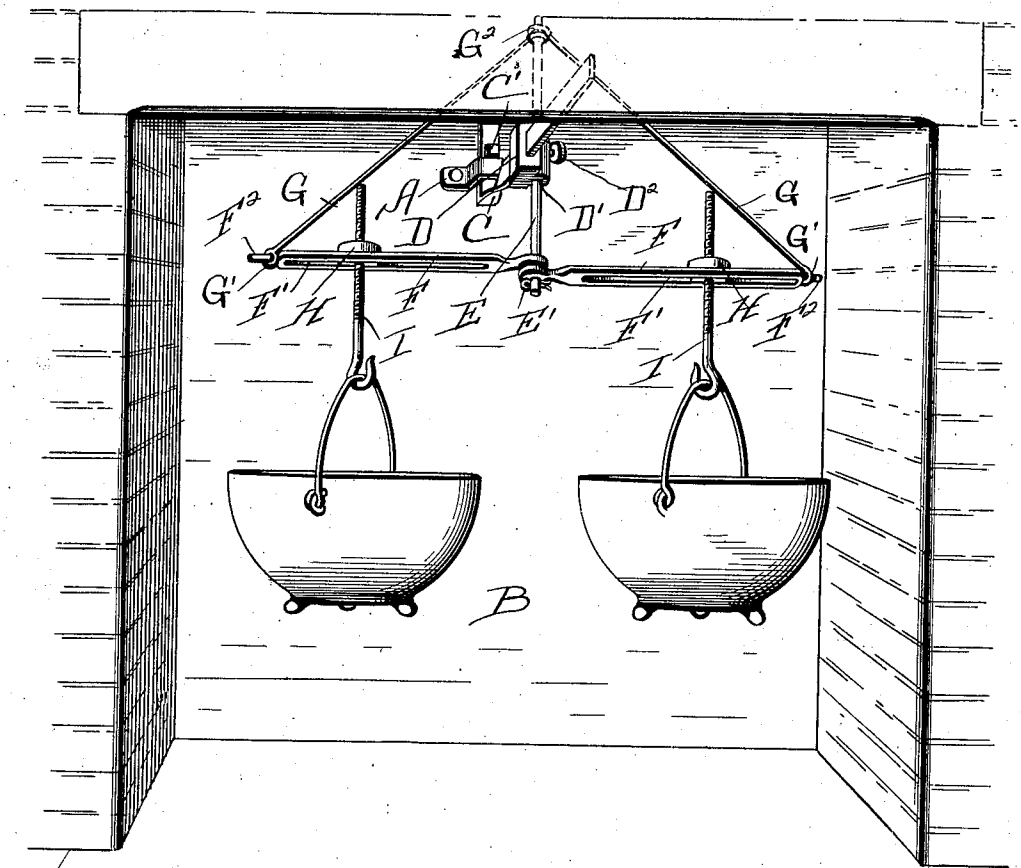


Fig. 1.

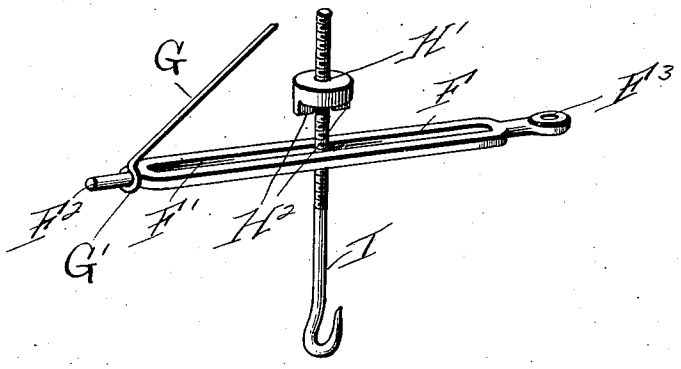


Fig. 2.

Witnesses

Inventor

Levi H. Reibold,

By Owen & Brock

Attorneys.

THE NORRIS PETERS CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LEVI H. REIBOLD, OF GLENVILLE, PENNSYLVANIA.

KETTLE-CRANE.

No. 844,470. Specification of Letters Patent. Patented Feb. 19, 1907.

Application filed January 24, 1906. Serial No. 297,682.

To all whom it may concern:

Be it known that I, LEVI H. REIBOLD, a citizen of the United States, residing at Glenville, in the county of York and State of Pennsylvania, have invented a new and useful Improvement in a Kettle-Crane, of which the following is a specification.

My invention relates to certain new and useful improvements in kettle-cranes, and has for its object to provide a crane which can be arranged within the fireplace or to one side thereof, as preferred.

Another object of my invention is to provide a crane of such construction that the arms supporting the kettle can be adjusted and also the hooks carried by the arms.

With these objects in view the invention consists of the novel features of construction and arrangement of parts hereinafter more fully shown, and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a perspective view of a fireplace, showing the crane in place. Fig. 2 is a perspective view of one of the arms and hooks removed.

Referring to the drawings, A indicates a bracket secured in the fireplace B and having the supporting-arm C secured therein by a pin C'. Slidably mounted on the arm C is a block D, having a vertical opening D' and carrying a thumb-screw D^2, which extends into said opening from one side. A rod E is secured in the block D by the thumb-screw D^2, and this rod E carries arms F at its lower end, each arm being provided with a longitudinal slot F' and a reduced end F^2. The inner or adjacent ends of the arms F are provided with openings F^3, through which the rod E passes, and the arms are secured thereon by a pin E' passing through an opening in the lower end of the rod E. Suspending-rods G, having eyes G' at their lower ends, are fitted over the reduced ends F^2 of the arm F, and the upper end of the rod E is provided with a shoulder adjacent its end on which the rods turn, the upper ends of the rods G having eyes G^2. Each arm F carries a block H, provided with a central threaded opening H' and a downwardly-projecting lug H^2, which is adapted to fit in the slot of the arm, so that the block can be adjusted upon the arm. A hook I, having a threaded shank, is carried by each block, and by having the shank threaded and the block provided with the threaded opening H' the hook can be adjusted to any position desired.

From the foregoing description it will be seen that I have provided a very simple crane which is so constructed that the hooks supporting the kettle can be adjusted so that the kettle can be kept over the blaze of the fire.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a device of the kind described, the combination with an arm, of a block mounted on said arm, a rod carried by said block, slotted arms mounted on said rod, and adjustable hooks mounted on said arms, for the purpose described.

2. In a device of the kind described, the combination with an arm, of a block mounted on said arm provided with a vertical opening, a rod mounted in said opening, slotted arms carried by said rod, and adjustable hooks arranged in said slots, for the purpose described.

3. In a device of the kind described, the combination with an arm provided with a block having a vertical opening, of a rod adjustably mounted in said opening, slotted arms pivotally mounted on the lower end of said rod, rods connecting the outer end of said arms to said rod, blocks slidably mounted in said arms, and hooks adjustably mounted in said block, for the purpose described.

4. In a device of the kind described, the combination with a supporting-arm, of a block slidably mounted on said arm provided with a vertical opening, a rod adjustably mounted in said opening, slotted arms pivotally mounted on the lower end of said rod, rods connected to the outer end of said arms and to the upper end of said rod, a block provided with central threaded openings, and downwardly-projecting lugs, arranged on said arms, and threaded hooks secured in said blocks, for the purpose described.

LEVI H. REIBOLD.

Witnesses:
WILLIAM NAFE,
J. B. NEWMAN.