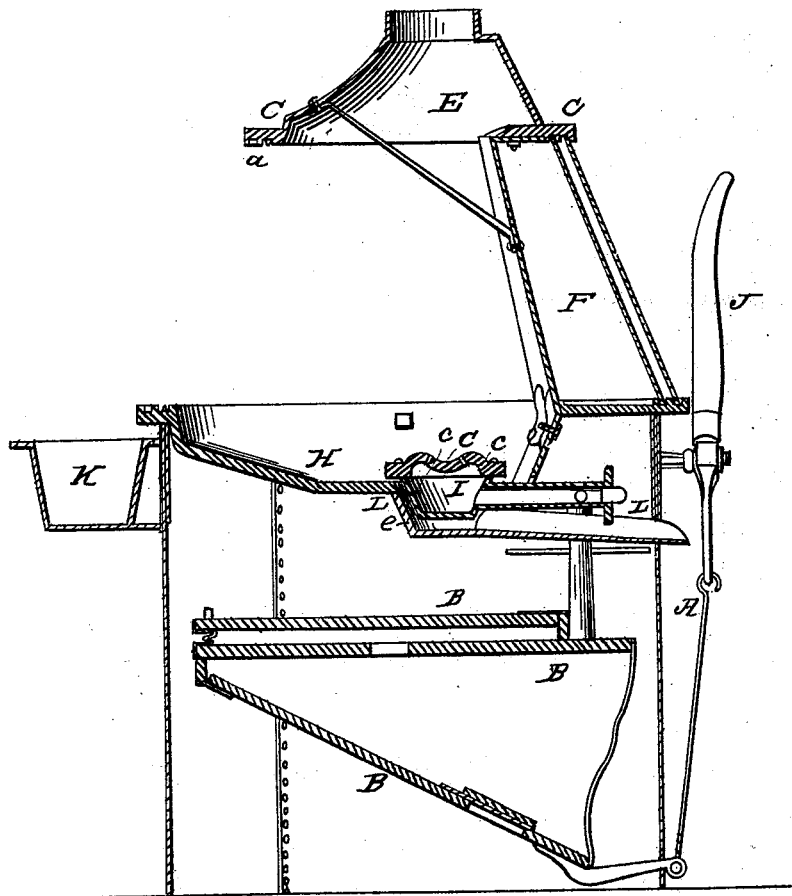


C. V. QUEEN.  
Portable Forge.

No. 5,782.

Patented Sept. 19, 1848.



# UNITED STATES PATENT OFFICE.

CHRISTIAN V. QUEEN, OF PEEKSKILL, NEW YORK.

## PORTABLE FORGE.

Specification of Letters Patent No. 5,782, dated September 19, 1848.

*To all whom it may concern:*

Be it known that I, CHRISTIAN V. QUEEN, of Peekskill, in the county of Westchester and State of New York, have made a new and useful Improvement in the Portable Forge for which I obtained Letters Patent of the United States, dated November 18, 1845; and I do hereby declare that the following is a full and exact description thereof.

My portable forge I construct in the same manner in all its parts as the same is described and represented in my original Letters Patent, but it has been found that the original forge when exposed to the weather, as it must be for camp and other purposes, some provision ought to be made for carrying off the water from the hearth, as it is apt otherwise to find its way to the interior of the apparatus, to wet the bellows and to retard its operation; to remove this difficulty I add a spout to the casting of which the

hearth is affixed as shown in the accompanying drawing, which is a vertical section through the middle thereof in which L is a trough or spout that stands under and partly surrounds the forge pan I; this trough extends out beyond the surface of the cylindrical case A and as there is a space *e* between the forge pan and the trough any water that falls on the hearth will pass into it and be conducted directly off without producing any injurious effect.

Having thus fully described the nature of my improvement in the above named portable forge, what I claim as new therein is—

The employment of a trough or spout to carry off any water that may fall on the hearth, the same being combined with the forge above named in the manner set forth.

CHRISTIAN V. QUEEN.

Witnesses:

WM. H. BRIGGS,  
PHILIP FLAGLER.