

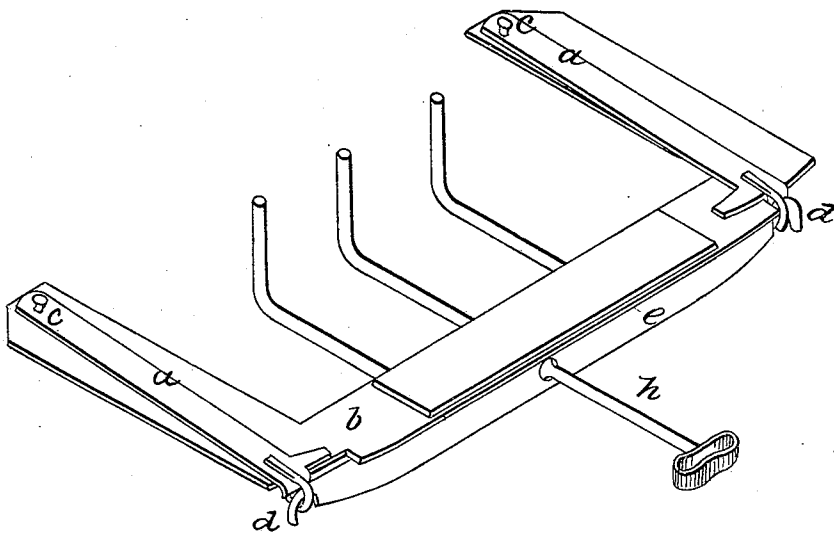
G. R. MOORE.

Fire Poker.

No. 29,298.

Patented July 24, 1860.

Fig. 1



Witnesses
A. S. Nicholson
W. C. Aughinbaugh

Inventor
Geo. R. Moore

UNITED STATES PATENT OFFICE.

GEORGE R. MOORE, OF PITTSBURG, PENNSYLVANIA.

FIRE-POKER.

Specification of Letters Patent No. 29,298, dated July 24, 1860.

To all whom it may concern:

Be it known that I, GEO. R. MOORE, of
Pittsburg, in the county of Allegheny, in
the State of Pennsylvania, have invented an
5 Improvement in Fire-Pokers; and I do
hereby declare that the following is a full
and exact description thereof, reference be-
ing had to the accompanying drawings and
to the letters of reference marked thereon.

10 The object of my invention is to obtain
the horizontal motion of the poker by a
mode that disallows the possibility of its
clamping, or binding itself as a wrench
upon its axis, or in its bearings when pres-
15 sure is applied to the handle for moving it
sidewise as required in moving the prongs
from one set of bars to another in the grate.

The figure is a perspective view and
shows the combination of bars and joints by
20 which the object is obtained.

(*a a*) are simple bars attached to the
frame (*b*) by pivots (*c c*).

The axis of the poker is connected by loose
joints to the bars at (*d d*) and hangs, in
part, below the frame (*b*) and disconnected 25
except at (*d d*).

It will now be seen that a sidewise pres-
sure upon the handle (*h*) will not cause the
axis (*e*) of the poker to act as a wrench in
its bearings (*d d*) and thus clamp itself; 30
but the bars (*a a*) will turn upon the pivots
(*c c*) and thus the poker be made to move
upon its frame (*b*) from side to side with-
out clamping.

What I claim as my invention and desire 35
to secure by Letters Patent is—

The use of the bars (*a a*) or their equiva-
lent to prevent the poker from clamping.

GEO. R. MOORE.

Witnesses:

A. S. NICHOLSON,
W. C. ASYHINBAUGH.