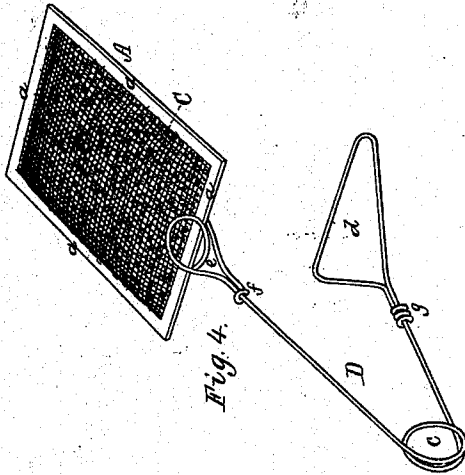
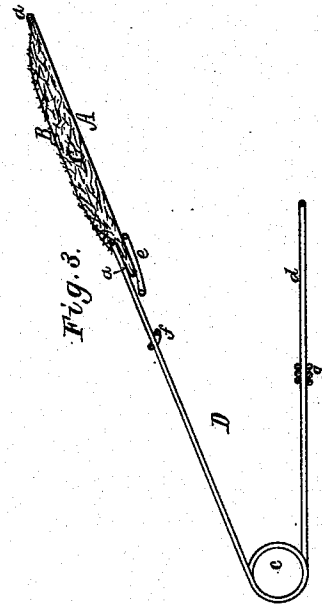
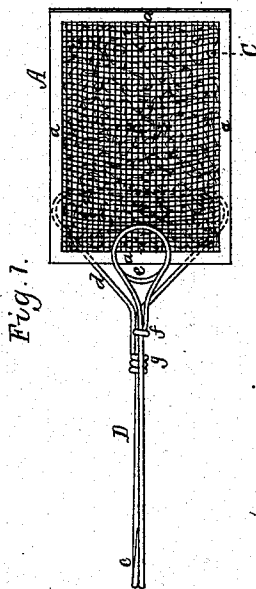
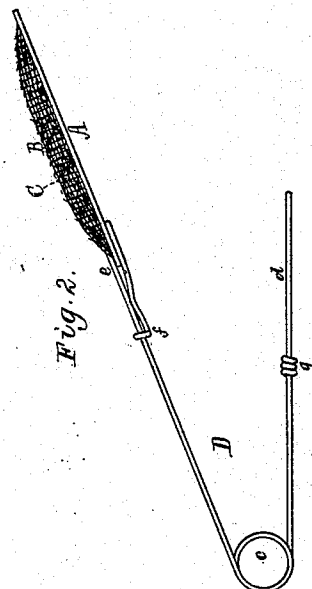


(No Model.)

E. H. FOSS.
FIRE KINDLER.

No. 274,184.

Patented Mar. 20, 1883.



Witnesses

S. N. Piper
E. B. Pratt

Inventor.

Eli H. Foss.
by R. H. L. atty.

UNITED STATES PATENT OFFICE.

ELI H. FOSS, OF CAMPELLO, MASSACHUSETTS.

FIRE-KINDLER.

SPECIFICATION forming part of Letters Patent No. 274,184, dated March 20, 1883.

Application filed August 26, 1882. (No model.)

To all whom it may concern:

Be it known that I, ELI H. FOSS, of Cam-
pello, in the county of Plymouth, of the State
Massachusetts, have invented a new and use-
ful Improvement in Fire-Kindlers; and I do
hereby declare the same to be described in the
following specification and represented in the
accompanying drawings, of which—

Figure 1 is a top view, Fig. 2 a side eleva-
tion, Fig. 3 a longitudinal section, and Fig.
4 a perspective view, of a fire-kindler contain-
ing my invention, the nature of which is de-
fined in the claims hereinafter presented.

In the said drawings, A denotes a metallic
plate, which, near each of its edges, is turned
or folded down upon a foraminous plate or
wire-gauze covering, B, there being between
the plate and such covering a mass, C, of as-
bestos fibers or a liquid absorbent, not readily
charred or injured by heat. Extending around
the plate A and a short distance above it is a
flange, *a*, which is to prevent escape or waste
of combustible liquid after it may have been
poured on the netting or wire covering B.
The plate A, thus provided with the mass of
asbestos and its wire-gaze covering, is sup-
ported at one end by an elastic holder, D, con-
structed of wire, bent in the form as represented
in the drawings—that is to say, in a spiral at
its middle, as shown at *c*, in a bow near one
end, as shown at *d*, and in a spiral with two
coils near its other end, as shown at *e*—the
wire at its two ends being twisted about itself

in manner, as shown at *f* and *g*. The kindler
is inserted between the coils of the upper
spiral, *e*, which, by their inherent elasticity,
serve to retain the same.

The kindler, having been charged with kero-
sene or an inflammable liquid and the latter
set on fire, is for use underneath a grate when
it may be desirable to inflame the fuel there-
in, the elastic holder resting on the hearth and
forcing the kindler up to the grate.

With the kindler so made there is no danger
of explosion of the liquid, as the wire-
gauze covering operates to keep the flame from
penetrating the absorbent. A kindler so made
can also be used for heating a pan or vessel,
or in various other respects, as circumstances
may allow.

I claim as my invention—

1. The combination of the elastic holder D
with the fire-kindler consisting of the plate A,
the wire-gauze covering B, and the mass of
asbestos C, arranged and adapted essentially
as set forth.

2. The fire-kindler elastic holder D, pro-
vided at its middle with the spiral *c*, and at
one of its ends the bow *d* and at the other the
coils *e*, all being composed of wire bent sub-
stantially as represented.

ELI H. FOSS.

Witnesses:

R. H. EDDY,
E. B. PRATT.