

(No Model.)

C. GUYER.
SHINGLE MARKER.

No. 520,424.

Patented May 29, 1894.

Fig. 1.

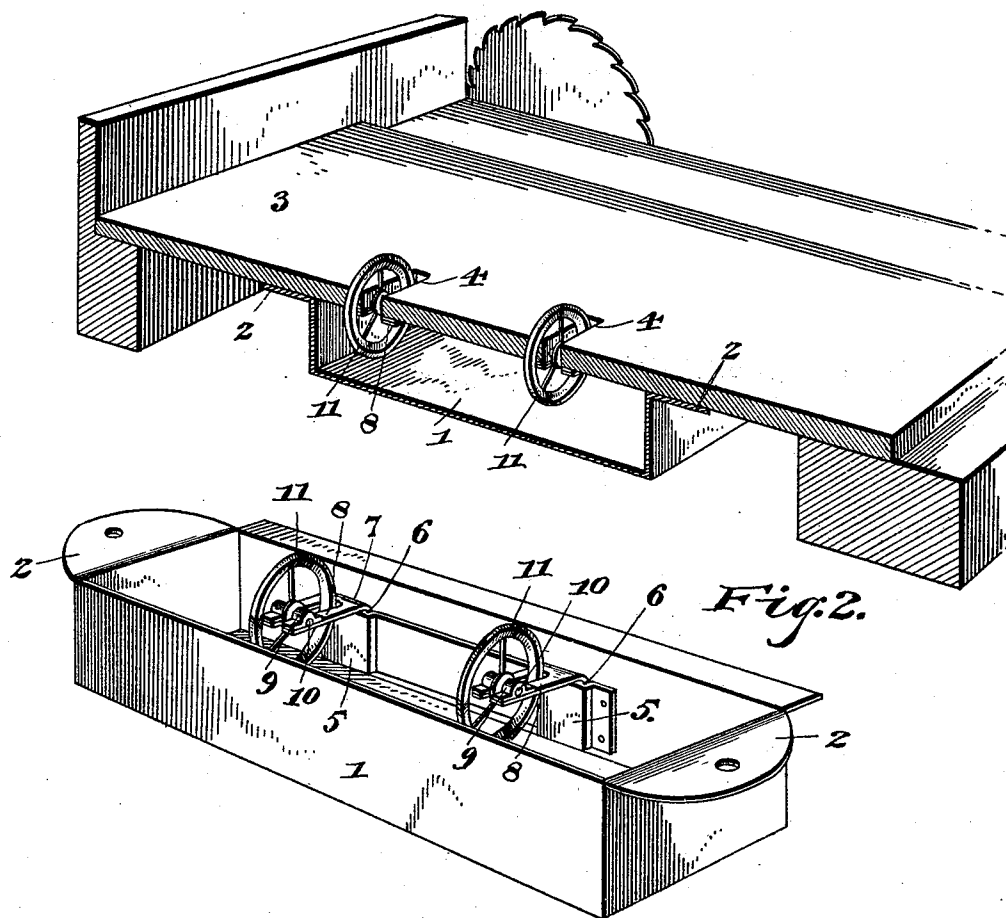
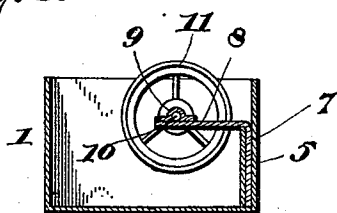


Fig. 3.



Inventor

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By *his* Attorneys.

Witnesses

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UNITED STATES PATENT OFFICE.

CALEB GUYER, OF TYRONE, PENNSYLVANIA.

SHINGLE-MARKER.

SPECIFICATION forming part of Letters Patent No. 520,424, dated May 29, 1894.

Application filed October 23, 1893. Serial No. 488,921. (No model.)

To all whom it may concern:

Be it known that I, CALEB GUYER, a citizen of the United States, residing at Tyrone, in the county of Blair and State of Pennsylvania, have invented a new and useful Shingle-Marker, of which the following is a specification.

My invention relates to improvements in shingle-markers; the objects in view being to produce a cheap and simple device adapted to be applied as an attachment to shingle edging-machines so that said shingles may be marked simultaneously with the edging thereof in order to indicate the proper point of overlapping the same during application.

With these general objects in view the invention consists in certain features of construction hereinafter specified and particularly pointed out in the claims.

Referring to the drawings:—Figure 1 is a sectional view of an edging-table, the same being provided with a marking-attachment embodying my invention. Fig. 2 is a detail of the attachment in perspective. Fig. 3 is a transverse sectional view of the attachment.

Like numerals of reference indicate like parts in all the figures of the drawings.

In constructing the attachment I form preferably a liquid-tight box 1, the same being of oblong shape and provided at its opposite ends at its edges with laterally disposed perforated securing-plates 2, by which it may be attached by screws or bolts to the under side of a plate or table 3, the latter being of the ordinary construction, but the plate above the box being provided with one or more transverse slots 4 extending at a right angle to the box. The box is provided at one of its side-walls with a plate 5, which plate in the present instance, has two depressions 6, which are disposed vertically therein. Each of these depressions receives the vertical shank-portion 7 of a spring metal fork 8, the forked plate portion being horizontally disposed and extending across the upper open side of the box. These forks are adjustable in the depressions of the plate, and there may be one or a series of them in accordance with the number of marks desired to make upon the shingle, and inasmuch as shingles are applied at points in accordance with the pitch of the roof, I prefer to employ a plurality of these forks each

carrying a marking-device hereinafter described, so that a plurality of marks will be made upon the shingle at the same time that the shingle is edged. Each fork 8 is provided with a transversely opposite bearing 9, which accommodates a transverse shaft 10, and arranged upon each shaft is, in the present instance, a marking-wheel 11. This marking-wheel may be yieldingly supported in the box by means of any kind of spring desired, but I prefer this spring-fork.

In lieu of marking-wheels any marking-device may be employed, as for instance a scorer, sponge or brush, though I prefer the wheels. The wheels, in the present instance, are of metal, and are designed to run in any suitable coloring matter located in the box. This coloring matter may be liquid or powder, or, if desired, the wheels may be of lead or other coloring matter such as to leave a mark upon the shingle passed thereover. Each wheel projects through a slot 4 in the plate or table and is pressed by the spring-fork upwardly so that a portion of the periphery of the wheel is above the surface of the plate or table.

In operation the shingles are passed over the table to be edged in the usual manner, and the spring-forks yielding to the pressure of the shingles against the wheels will lower until the peripheries of the wheels are flush with the plate or table, and when the shingle emerges at the opposite side of the edger the marks have been applied in the manner specified.

From the foregoing description in connection with the accompanying drawings, it will be seen that I have provided a very simple device adapted to be applied to any ordinary edging-machine, and which will simultaneous with the edging or operation of the machine apply the marks to the underside of the shingle. Of course by reversing the shingle the marks may be applied to each side.

I do not limit my invention to the precise details of construction herein shown and described, but hold that I may vary the same to any degree and extent within the knowledge of the skilled mechanic without departing from the spirit or sacrificing any of the advantages thereof.

Having described my invention, what I claim is—

1. In a shingle marker, the combination of
a liquid-tight pigment box secured to the un-
der side of a slotted edging machine plate or
table below the slot therein, an inverted L-
5 shaped spring metal forked plate having its
vertical shank portion removably supported
against one side of said liquid-tight box, and
a revolving marking wheel journaled directly
on the outer horizontal extremity of said
10 forked plate and normally and yieldingly
projected through said slot, substantially as
set forth.

2. The combination with the marking-table
of an edging-machine, the same being provided
15 with a slot, of a box secured under the plate
or table, a plate having a sunken recess ap-
plied to the side of the box, an inverted L-
shaped spring-fork movably arranged in the
recess, a shaft supported by the fork, and a

marking-wheel arranged upon the shaft and 20
yieldingly pressed through the slot in the
plate or table, substantially as specified.

3. The combination with the plate or table
of an edging-machine having a series of slots,
of a box arranged thereunder, a plate secured 25
to one wall of the box and having a series of
depressed recesses, and a plurality of invert-
ed L-shaped spring-forks, and wheels carried
by the forks and projecting through the slots
in the plate or table, substantially as speci- 30
fied.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

CALEB GUYER.

Witnesses:

C. L. WILSON,
EDWIN GUYER.