March 2, 1926. 1,575,598

A. GAGNON

PICKER

Filed August 6, 1925

Fig. 1

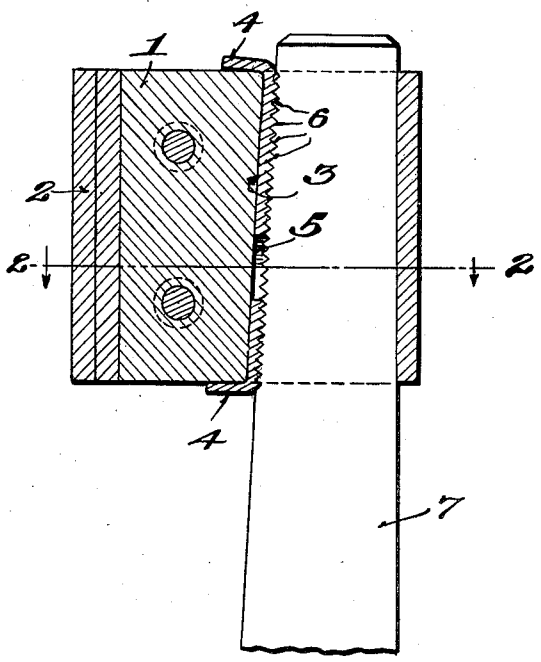


Fig. 3

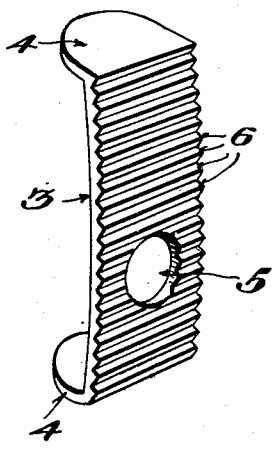
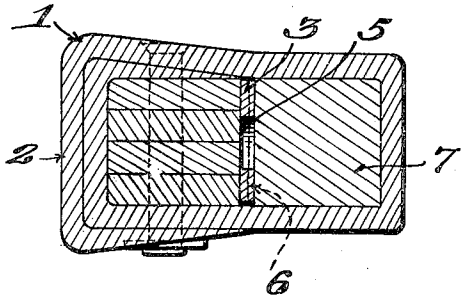


Fig. 2



Inventor

Alexandre Gagnon

By Joseph A. Miller

Attorney

Patented Mar. 2, 1926. 1,575,598

UNITED STATES PATENT OFFICE.

ALEXANDRE GAGNON, OF BIDDEFORD, MAINE, ASSIGNOR OF ONE-THIRD TO JAMES A. ANDREWS AND ONE-THIRD TO JOHN W. HERBERT, BOTH OF BIDDEFORD, MAINE.

PICKER.

Application filed August 6, 1925. Serial No. 48,480.

To all whom it may concern:

Be it known that I, ALEXANDRE GAGNON, a citizen of the United States, residing at Biddeford, in the county of York and State of Maine, have invented new and useful Improvements in Pickers, of which the following is a specification.

This invention relates to certain new and useful improvements in picker sticks and the primary object thereof is to provide improved means for securing the picker head to the stick.

A further object of the invention is to provide securing means for the picker head which is of simple and economical construction; which enables the picker head to be easily and quickly secured to the stick and which effectively secures the picker head so as to practically make it impossible to remove the same without destroying the head.

The invention still further aims to provide securing means which eliminates the use of screws, bolts or similar fastenings.

In the drawings:—

Figure 1 is a vertical sectional view showing the invention applied in position;

Figure 2 is a section on line 2—2 of Fig. 1 and

Figure 3 is a detail perspective view of the locking plate.

In proceeding in accordance with the present invention the picker head 1 is of usual construction, being made of leather, or other material, having a thickened shuttle-impact face 2. The invention resides in the provision of a metal plate 3 which may be slightly curved as shown in Fig. 3, and which has out-turned ends 4, the plate being disposed within the wedge-shaped socket of the picker head and with the ends 4 thereof engaged with the top and bottom of the head. The plate 3 it will be noted is engaged against the rear side of the impact face 2, and has a hole 5 which alines with the shuttle point. The plate is formed of spring metal and with a series of transverse saw-teeth 6.

In assembly, the plate is positioned in the socket of the head and with its ends engaged with the top and bottom of the head, friction being relied upon to thus hold the parts, whereupon the stick 7 is driven into the wedge-shaped socket and thereby against the plate and its saw-teeth 7, the saw-teeth will consequently be caused to bite into the wood of which the stick is made, so that the head is held against movement by the plate saw-teeth biting into the wood, and the picker head in turn will be held against movement by the ends of the plate engaging the top and bottom of the head.

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

1. In combination with a picker head having a socket, a plate in the socket having a serrated face formed to engege the front side of a picker stick, said plate having its ends bent along transverse lines and extending outwardly of the front face of the stick and engaged with the top and bottom ends of the head, said plate having an opening therethrough formed to register with the impact point of the shuttle.

2. In combination with a picker head having a socket, a plate in the socket having a serrated face formed to engage the picker stick, said plate having its ends bent along transverse lines and extending outwardly of the stick and engaged with the top and bottom ends of the head.

3. In combination with a picker head having a socket, a plate in the socket having a serrated face formed to engage the front side of a picker stick, said plate having its ends bent along transverse lines and extending outwardly of the front face of the stick and engaged with the top and bottom ends of the head.

In testimony whereof I have signed my name to this specification.

ALEXANDRE GAGNON.