

No. 773,507.

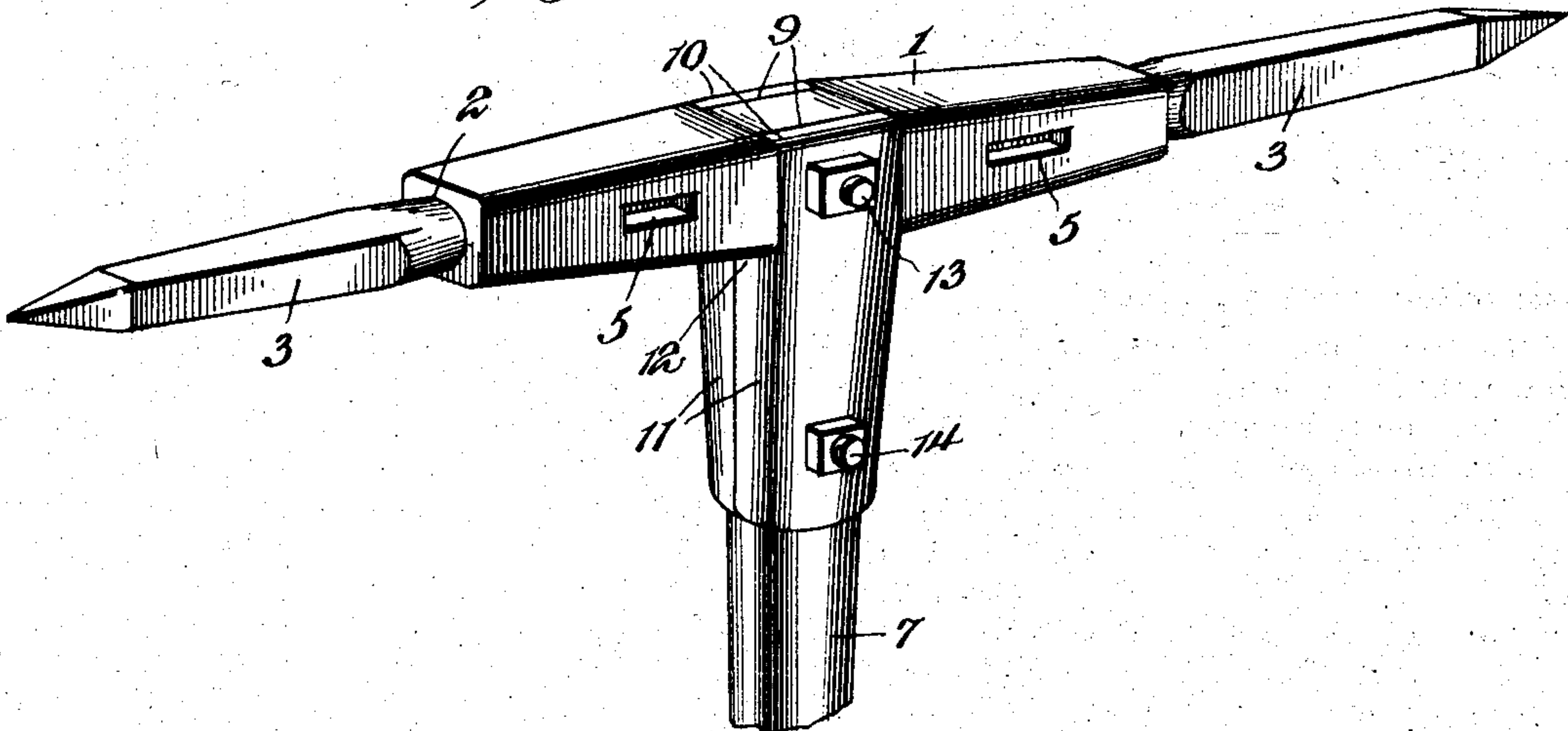
PATENTED OCT. 25, 1904.

B. H. LAUGHUNN.  
PICK.

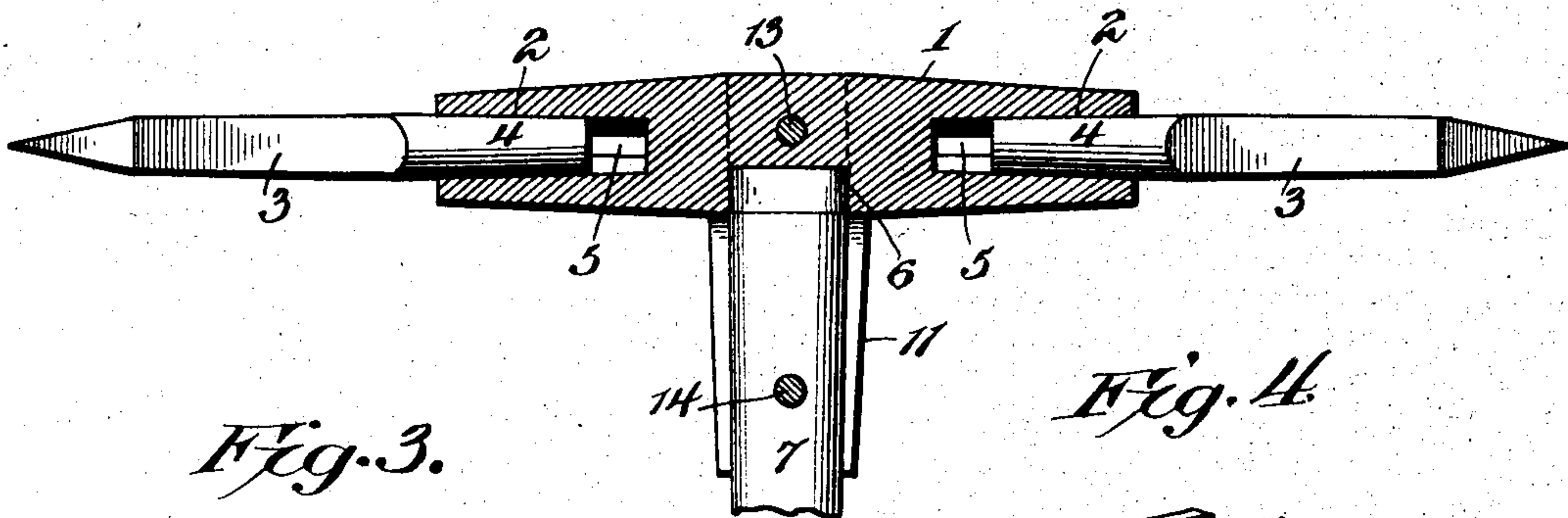
APPLICATION FILED FEB. 16, 1904.

NO MODEL.

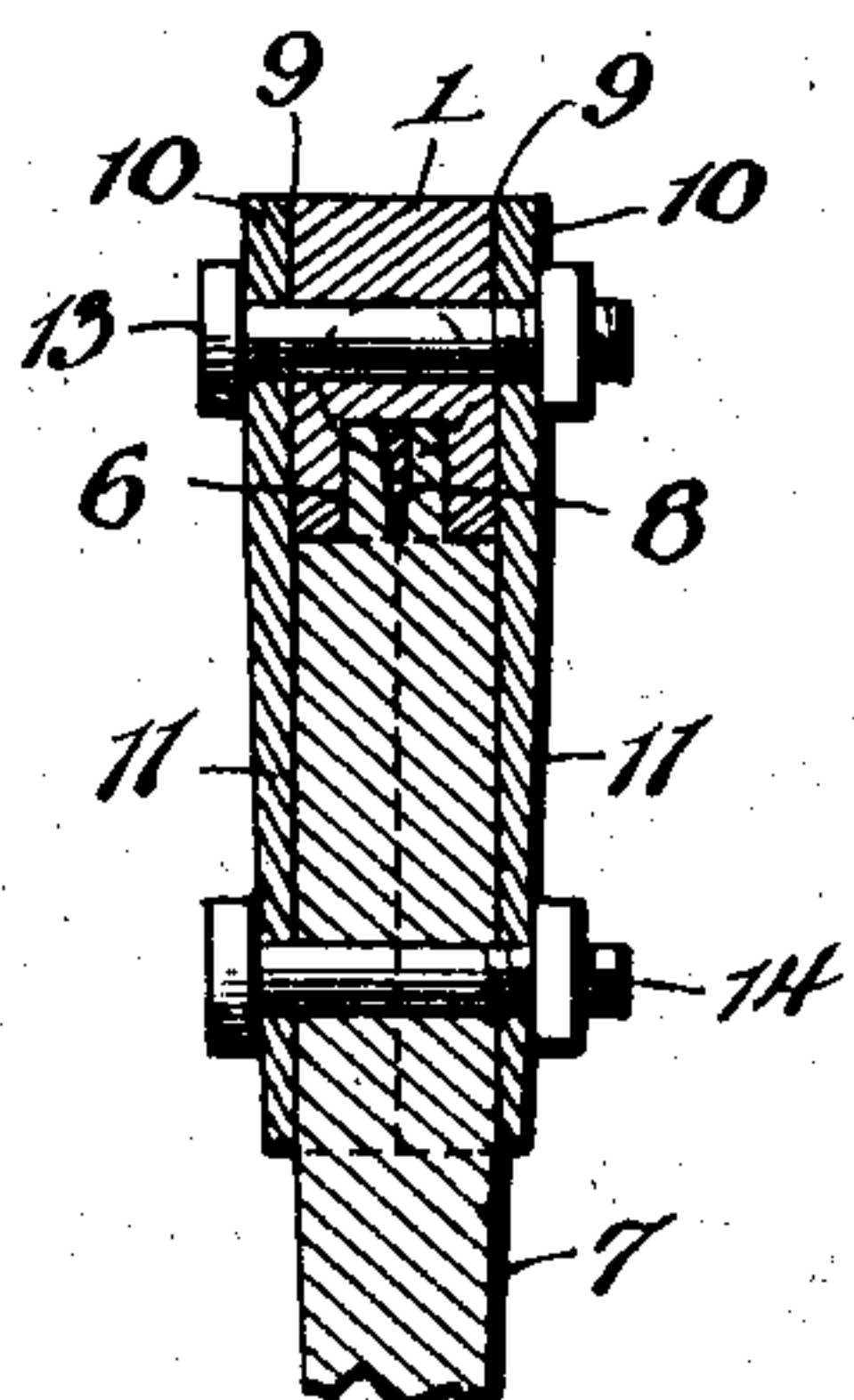
*Fig. 1.*



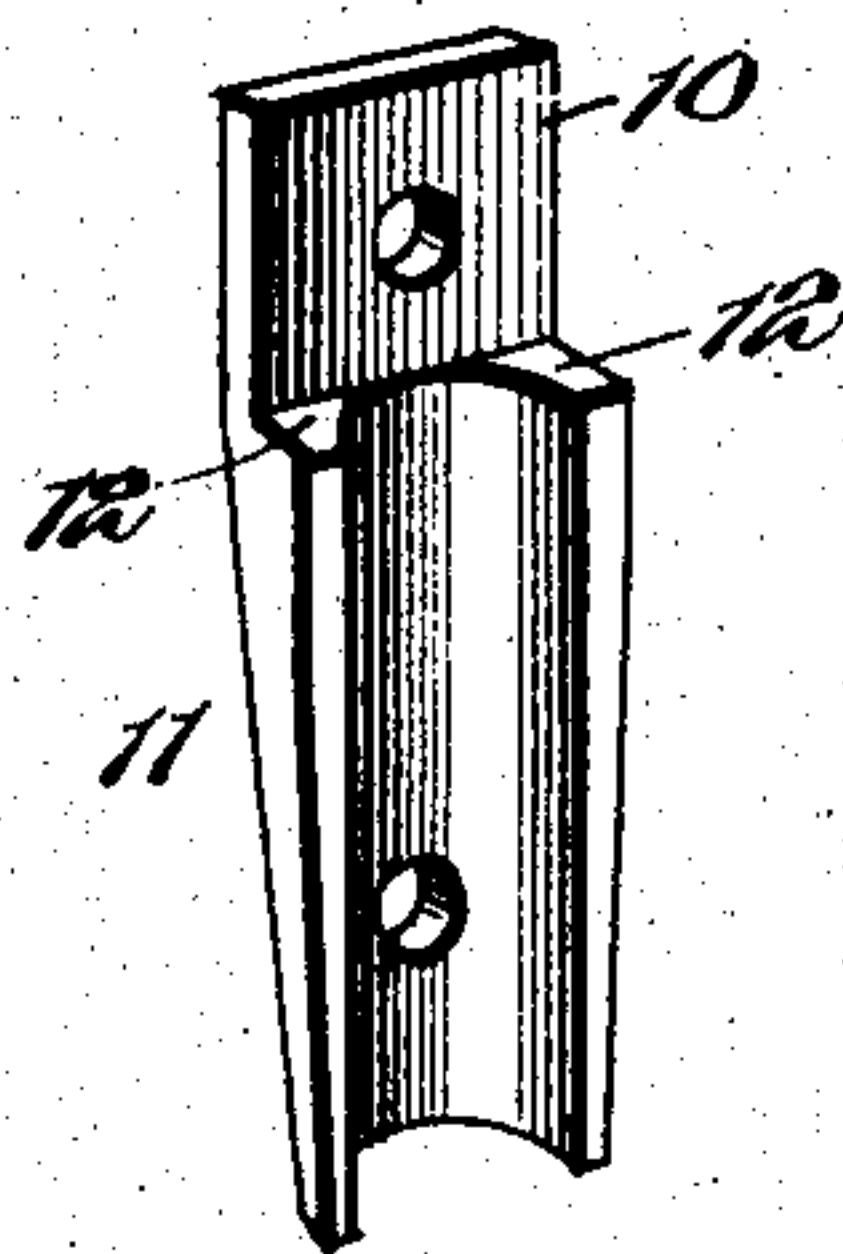
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses

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## UNITED STATES PATENT OFFICE.

BUD H. LAUGHUNN, OF CENTRALIA, ILLINOIS.

## PICK.

SPECIFICATION forming part of Letters Patent No. 773,507, dated October 25, 1904.

Application filed February 16, 1904. Serial No. 193,847. (No model.)

*To all whom it may concern:*

Be it known that I, BUD H. LAUGHUNN, a citizen of the United States, residing at Centralia, in the county of Marion and State of Illinois, have invented a new and useful Pick, of which the following is a specification.

The invention relates to improvements in picks.

The object of the present invention is to improve the construction of picks, and more especially the means for applying the handle to the same, and to provide a simple, inexpensive, and efficient device of great strength and durability designed for use on picks and various other tools—such as sledge-hammers, shovels, and the like—and capable of enabling the handle to be firmly secured to the head and of bracing and supporting the handle, whereby the same is prevented from breaking at the point of attachment to the head.

With these and other objects in view the invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended, it being understood that various changes in the form, proportion, size, and minor details of construction within the scope of the claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of a pick constructed in accordance with this invention. Fig. 2 is a sectional view taken longitudinally of the pick-head. Fig. 3 is a similar view taken transversely thereof. Fig. 4 is a detail perspective view of one of the sections of the combined clamp and brace.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a tool-head, provided at its end portions with longitudinal openings forming end sockets 2 for the reception of points 3, and the latter have tapered shanks 4, which frictionally engage the end sockets. The end sockets are provided with transverse slots 5,

adapted to receive a wedge-shaped key for enabling the points to be readily driven out of the sockets.

The pick-head is provided with an intermediate handle-receiving socket 6, extending upward from its lower face and adapted to receive the adjacent end of the handle 7, which is firmly wedged in the socket. The intermediate handle-receiving socket is closed at the outer end, and in assembling the parts the wedge 8 is started in the handle; but the latter is fitted in the socket, and as the head is forced on the handle the wedge will be driven into the latter and will expand the same against the sides of the intermediate socket. The head is provided at opposite sides with transverse recesses 9, forming opposite shoulders and adapted to receive upper straight extensions or arms 10 of semitubular sections 11 of a combined clamp and brace. The semitubular sections 11 are substantially semi-elliptical in cross-section to conform to the configuration of the handle, and they snugly embrace the same and are provided at their outer portions adjacent to the inner ends of the arms or extensions 10 with shoulders 12, which fit against the inner or lower face of the pick-head, as clearly shown in Figs. 1 and 2. The vertical side edges of the approximately semitubular portions of the sections are fitted together, and the upper terminals of the said tubular portions, which form the said shoulders, fit against the lower face of the head. The sections of the combined clamp and brace are secured to the pick-head and to the handle by bolts 13 and 14, arranged at the inner and outer portions of the sections. The outer bolt 13 pierces the pick-head and the arms or extensions 10 of the sections 11 of the combined clamp and brace. The bolt 14 passes through the inner portions of the sections and the handle 7. The bolts are provided with nuts, as shown; but any other suitable fastening devices may be employed for this purpose, as will be readily understood. The handle 7 is held in the socket of the pick-head as firmly as if it were extended entirely through the same, and the combined clamp and

brace supports the handle and prevents the same from breaking at the pick-head, which forms a continuation of the said socket.

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

In a device of the class described, the combination of a tool-head provided at its side faces with recesses and having a socket extending upwardly from its lower face and terminating short of its upper face, a handle fitted in the said socket, a combined clamp and brace composed of sections arranged at the side faces of the head and the handle and consisting of upper flat portions fitting in the said recesses and lower approximately semitubular portions embracing the handle and having their side edges fitted together to form

a continuation of the socket, the upper ends of the semitubular portions being fitted against the lower face of the head, and upper and lower transverse fastening devices piercing the upper and lower portions of the combined clamp and brace, the upper fastening device being located beyond the handle and passing through the head, and the lower fastening device being located beyond the head and passing through the handle.

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

BUD <sup>his</sup> × H. LAUGHUNN.  
mark

Witnesses:

TOM MALONEY,  
W. W. MILLER.