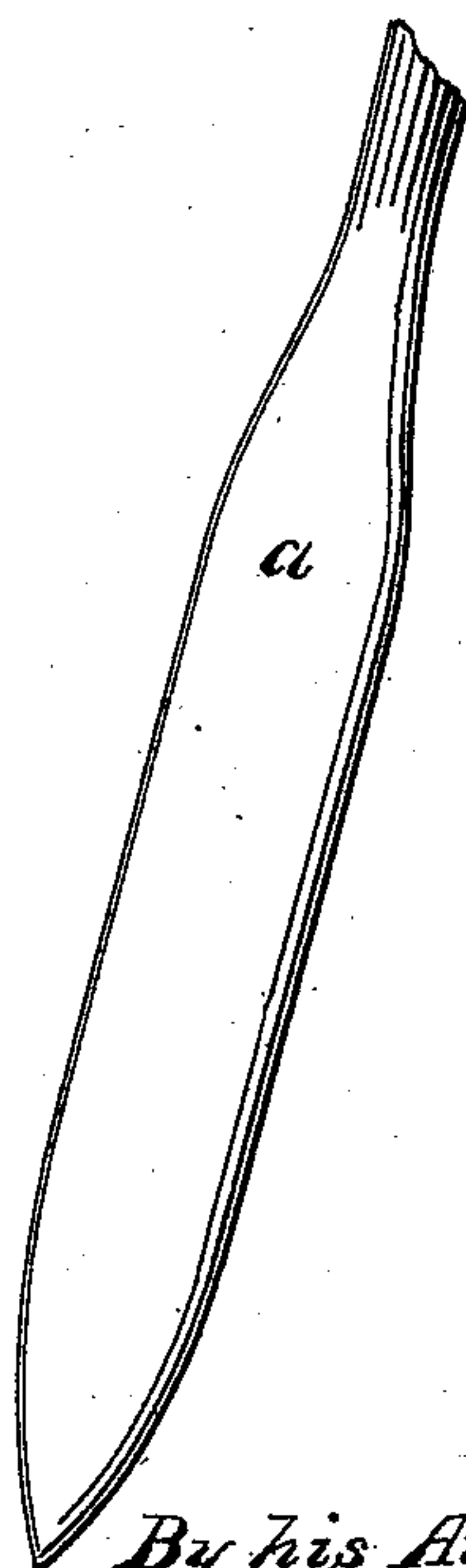
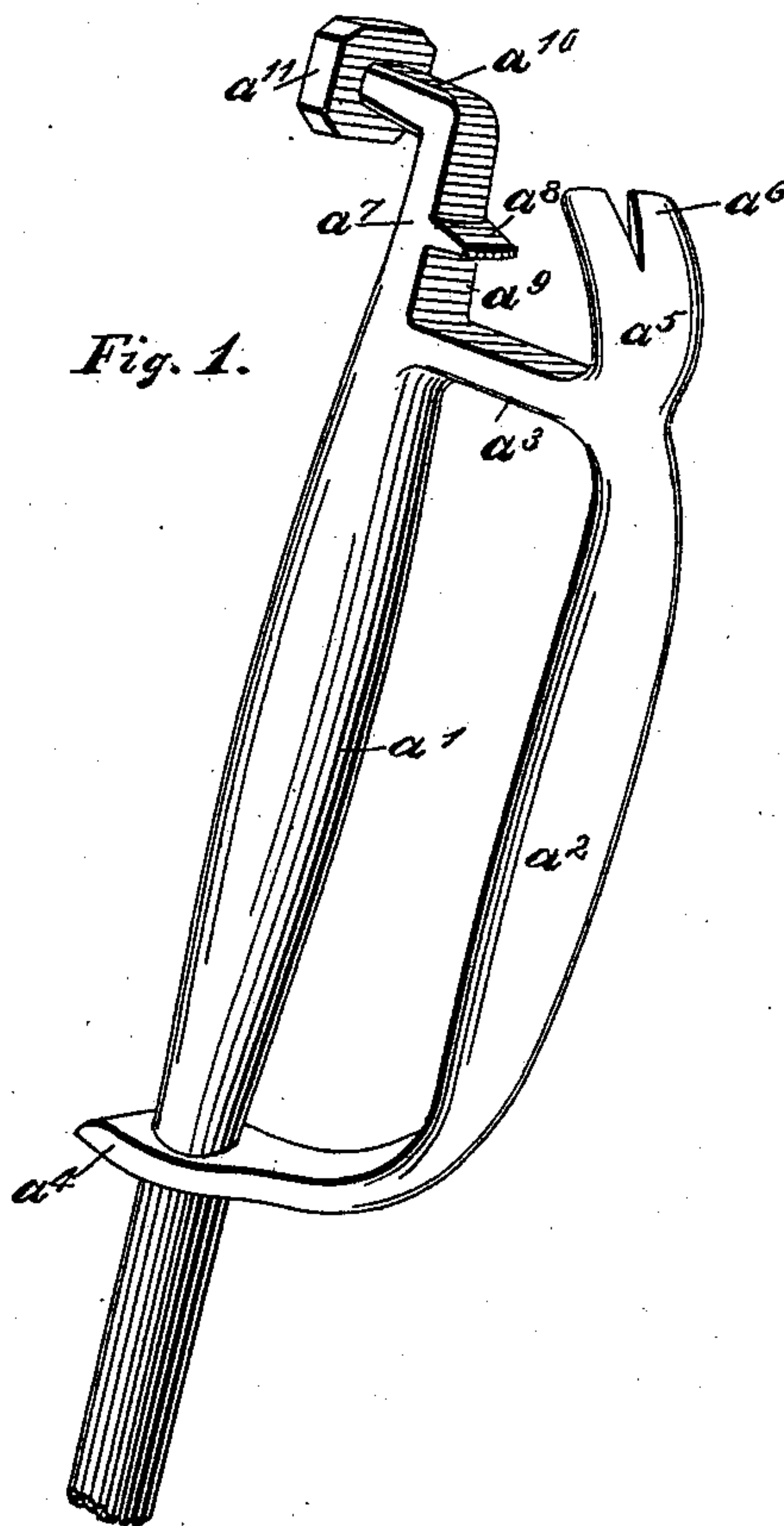
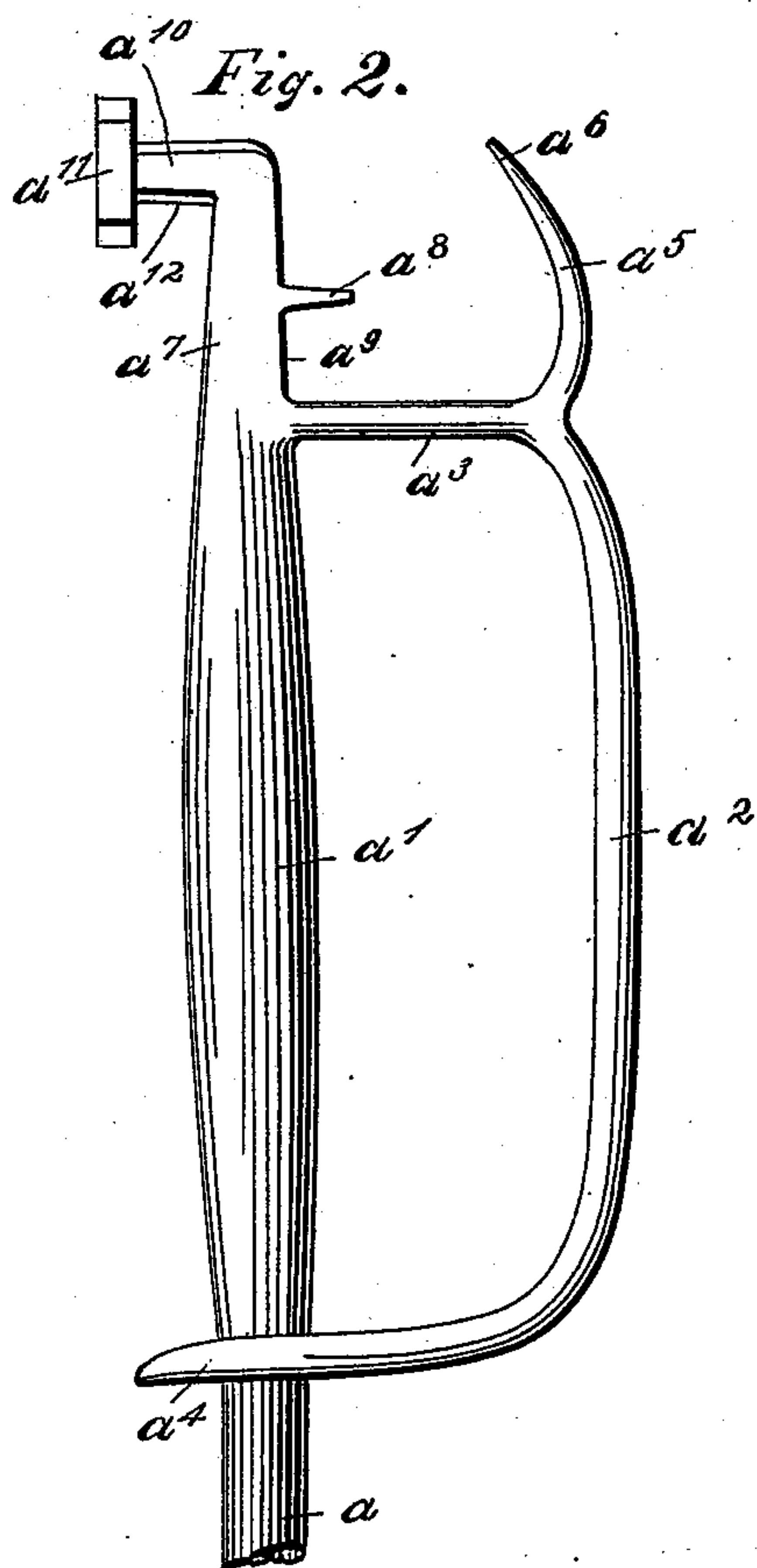


(No Model.)

E. CAVANAUGH.  
COMBINATION TOOL.

No. 523,850.

Patented July 31, 1894.



Witnesses  
*H. O. Oster.*  
*Frank Watt.*

*By his Attorneys*

Inventor  
*Edward Cavanaugh*  
*John M. Shepherd*

# UNITED STATES PATENT OFFICE.

EDWARD CAVANAUGH, OF SPRINGFIELD, OHIO.

## COMBINATION-TOOL.

SPECIFICATION forming part of Letters Patent No. 523,850, dated July 31, 1894.

Application filed April 6, 1892. Serial No. 428,015. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD CAVANAUGH, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Combination-Tools, of which the following is a specification.

My invention relates to improvements in combination tools and the object of my invention is to provide a combination tool of simple and novel construction capable of use as an ordinary stove lifter, tack puller, pot lifter, hammer, &c.

My invention consists in the article of manufacture hereinafter described and claimed.

In the accompanying drawings Figure 1 is a perspective view of a device embodying my invention. Fig. 2 is a side elevation view of a portion of the same.

Like parts are represented by similar letters of reference in both views.

My improved combination tool consists essentially of a poker  $a$ , of any suitable and convenient length, size and shape which is formed with a handle  $a'$ , integral therewith. Partly surrounding the handle  $a'$ , is a handle guard  $a^2$ , joined to the main body of the poker and handle by the connecting standards  $a^3 a^4$ . Extending rearwardly from the guard  $a^2$ , and beyond the standard  $a^3$ , is a curved projecting lip or arm  $a^5$ , constructed of a suitable size and shape to operate as a stove lifter adapted for use with ordinary stove lids. This projection is preferably provided with a V-shaped slot  $a^6$ , forming a bifurcated end of a suitable size and shape to be useful in pulling tacks or for similar purposes.

Extending rearwardly beyond the standard  $a^3$ , in line with the handle or poker proper, is a projecting portion  $a^7$ , having a laterally extending spur  $a^8$ , projecting therefrom substantially parallel to the standard  $a^3$ , forming with said standard and the body  $a^7$ , a notch or bearing seat  $a^9$ , conveniently arranged for receiving and holding a pot-bail or similar article. The projection  $a^7$ , is provided at its outer extremity with a right angled projection  $a^{10}$ , which extends preferably in the same plane with the spur  $a^8$ , and standard  $a^3$ , but in the opposite direction from the axial line of the handle. This projection is provided

with an enlarged head  $a^{11}$ , which forms a convenient hammer head of which the poker  $a$ , or handle  $a'$ , serves as the handle; the projecting head extending on its inner side substantially parallel to the portion  $a^7$  also forms at one side in connection with the projections  $a^{10}$  and  $a^7$ , a convenient notch or bearing seat  $a^{12}$ , forming a convenient hook for engaging and raising ash-pans, pots and similar articles which become heated and require a lifter therefor. The arrangement of the curved projecting lip  $a^5$ , in connection with the projecting spur  $a^8$ , also furnishes the means for engaging the edges of pans or similar receptacles, the edge of the pan being adapted to enter the notch or recess  $a^9$ , with the outer extremity of the curved lip  $a^5$ , resting under the bottom of said pan and against the side thereof, thus firmly bracing and holding the same in position, so that it may be conveniently handled.

It will thus be seen that an extremely useful combination tool is produced, the several parts of which co-operate to form various devices. For example, the part  $a^5$  to be used as a lid lifter, when used with the spur  $a^8$  forms a construction for lifting dishes, and the spur  $a^8$  and standard  $a^3$  form with the extensions  $a^7$  a hook for raising pails or pots. The hammer head  $a^{11}$  projecting as it does, forms with the parts  $a^{10}$  and  $a^7$  a catch to be hooked over ash pans and similar receptacles, the handle for such purpose being the poker  $a$  or handle portion  $a'$ , while the same handle with the hammer head  $a^{11}$  upon one side and the bifurcated lid lifter upon the other, produce a tack hammer and claw. And to this is added a poker  $a$  with its handle  $a'$ , said poker forming really the base upon which the other parts are constructed.

These tools I make of malleable iron as it is the most suitable and desirable material from which to construct them. It is obvious, however, that the material used has nothing to do with the invention and I reserve the right to manufacture them of any suitable material that may be adapted to the purpose.

It is obvious that the shape and size of the device herein described may be modified to suit the requirements in use. The poker proper may be, at its outer extremity, of any



suitable shape or size and may be of any desired length. I do not, therefore, limit myself to these exact constructions, but

I claim—

- 5 A combination tool comprising a poker, a handle thereon, standards projecting from said handle, a connection between said standards forming a handle guard, a bifurcated curved extension  $a^5$  upon one of said standards on the side opposite said handle guard, a prolongation  $a^7$  from said handle above said curved extension  $a^5$ , a lug upon said prolongation extending toward said curved extension,

a struck up end  $a^{10}$  upon the prolongation  $a^7$ , said end projecting away from the handle guard, and a plate upon said struck up end, said plate extending beyond said end and in a plane substantially parallel to the prolongation  $a^7$ . 15

In testimony whereof I have hereunto set my hand this 2d day of April, A. D. 1892. 20

EDWARD CAVANAUGH.

Witnesses:

H. O. OSTER,  
OLIVER H. MILLER.