

941,901.

Patented Nov. 30, 1909.

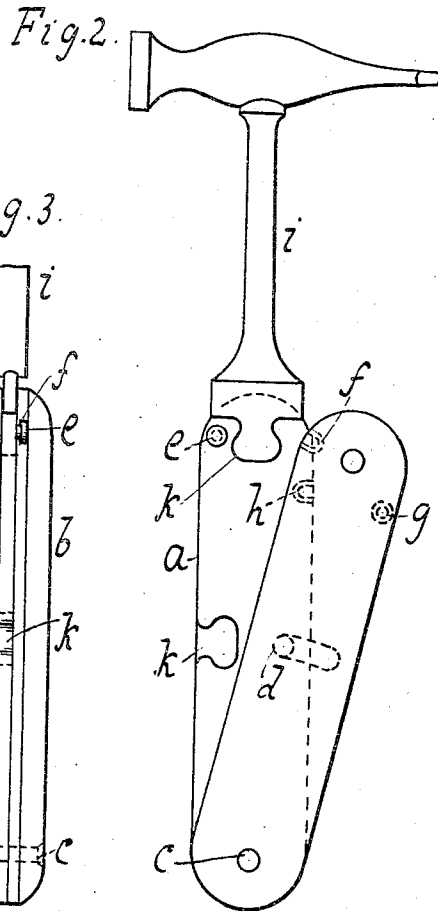
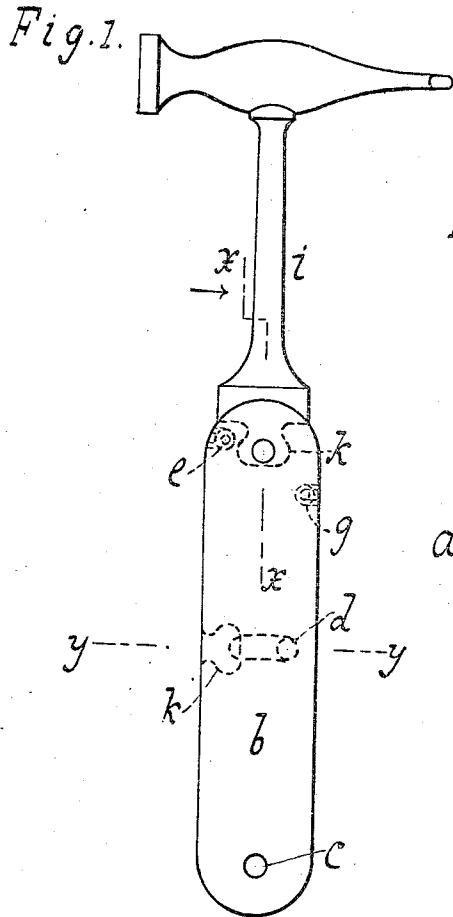


Fig. 3.

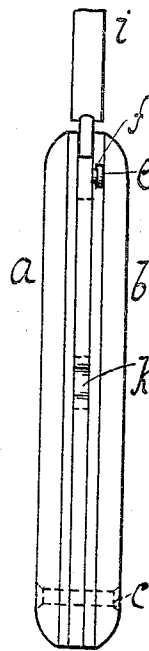


Fig. 4.

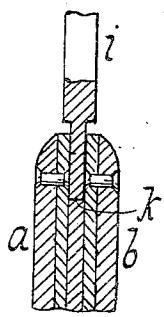


Fig. 5.

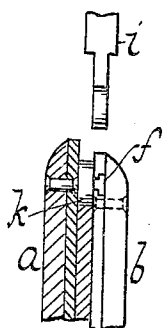
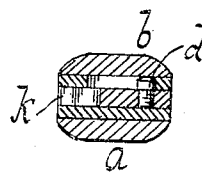


Fig. 6.



WITNESSES:

William Miller
Christian Almstaedt

INVENTOR

Edward Zinn

BY

Hanff & Masland
ATTORNEYS

UNITED STATES PATENT OFFICE.

EDWARD ZINN, OF BROOKLYN, NEW YORK.

TOOL-HANDLE.

941,901.

Specification of Letters Patent.

Patented Nov. 30, 1909.

Application filed April 20, 1909. Serial No. 491,111.

To all whom it may concern:

Be it known that I, EDWARD ZINN, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Tool-Handles, of which the following is a specification.

This invention relates to tools and a handle therefor.

The handle is applicable to and can be used in connection with any variety of tools. The tool is held firmly and is secured against coming out of place and making it impossible for the tool to move in any direction independently of the handle while being used.

This invention is set forth in the following specification and claims and illustrated in the annexed drawing in which:—

Figure 1 is a side view of a handle and tool embodying this invention and engaging one another. Fig. 2 is a view like Fig. 1 showing the handle or its halves in releasing position to allow the tool to be disengaged. Fig. 3 is an edge view of Fig. 1. Fig. 4 is a section along line *x x* Fig. 1. Fig. 5 is a similar section of Fig. 2. Fig. 6 is a section long line *y y* Fig. 1.

In this drawing is shown a handle composed of two pivoted halves or sections. The pivot or joint is indicated at *c*. The handle sections can be swung together or made to overlie one another as seen in Fig. 1 or said sections can be spread or swung apart as seen in Fig. 2, the movement of the sections being across each other in parallel planes.

The spread or opening of the handle sections is limited by suitable means as for example a pin and slot connection. The pin of the connection is shown at *d*. At their free end portions or parts the handle sections respectively have stops or engaging means to engage the respective counter-halves. The handle section *a* is shown with a stud or stop *e* engaging the section *b* at the notch or recess *f*. The section *b* has a stud or stop *g* which is arrested by or engages the notched part *h* of the handle section *a*. The handle sections when closed or clasped together are arrested in accurate position or neat adjustment.

A tool is indicated at *i* which may be of any suitable kind. The tang or a suitable part of the tool is adapted to fit into a seat *k* in the handle. According to the nature

of the tool the seat *k* can be placed so that the tool extends lengthwise of the handle or crosswise thereof as required. The seat or recess *k* is in one handle section and receives or seats the tool. Such seat and tool or tang are made to fit one another so that the tool is firmly grasped. By bringing together the two sections of the handle the seat *k* is closed and the tool *i* is secured against coming out of place. The handle sections being closed and arrested by the stops *e g* the handle can be grasped by the operator to efficiently work with the tool or instrument.

I claim:—

1. A tool handle comprising a pair of sections pivoted together at one end to permit a swinging movement thereof toward and from each other, and provided intermediate their ends with a pin-and-slot connection to limit their outward movement, one of said sections being formed with a seat arranged to receive the tang of a tool, said seat being covered by the other section when the said sections are closed together.

2. The combination, with a tool handle comprising a pair of sections pivoted together at one end for swinging movement toward and from each other in parallel planes, and provided intermediate their ends with a pin-and-slot connection to limit their outward movement, one of said sections having a seat formed in its inner face, which seat is covered by the other section when said sections are closed together; of a tool having a tang adapted to fit in said seat, said tool being separable bodily from said handle.

3. A tool handle comprising a pair of sections pivoted together at one end for swinging toward and from each other in parallel planes, one of said sections being provided upon its inner face with a tang-receiving seat and with a transverse slot, and a pin secured to the inner face of the other section and arranged to work in said slot, to limit the movement of said sections away from each other.

4. A tool handle comprising a pair of sections pivoted together at one end for swinging movement toward and from each other in parallel planes, one of said sections being provided upon its inner face with a tang-receiving seat which is open when said sections are moved away from each other and covered when said sections are closed together, each section having at its free end a

seat and a stud arranged on opposite sides thereof and adapted for engagement with the stud and seat of the other section, to hold said sections in closed position.

5 5. A tool handle comprising a pair of sections pivoted together at one end for swinging movement across each other, one of said sections being provided upon its inner face with a tang-receiving seat which is open
10 when said sections are moved away from each other and covered when said sections are closed together, a connection between said sections intermediate the ends thereof for limiting their movement away from
15 each other, and an additional connection located at the other ends of said sections for limiting the inward movement thereof.

6. A tool handle comprising a pair of sections pivoted together at one end for swinging movement across each other, one section
20 being provided at its free end with a seat

and stud arranged on opposite sides thereof, and intermediate its ends with a transverse slot, the other section being provided with a pin adapted to work in said slot, to limit 25 the relative movements of the sections in one direction, and at its free end with a stud and seat adapted for coöperation with the seat and stud of the first-mentioned section, to limit the movement of said sections 30 in the other direction, one section having a tang-receiving seat which is open when said sections are moved away from each other and covered when said sections are closed together. 35

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

EDWARD ZINN.

Witnesses:

CHRISTIAN ALMSTAEDT,
W. C. HAUFF.