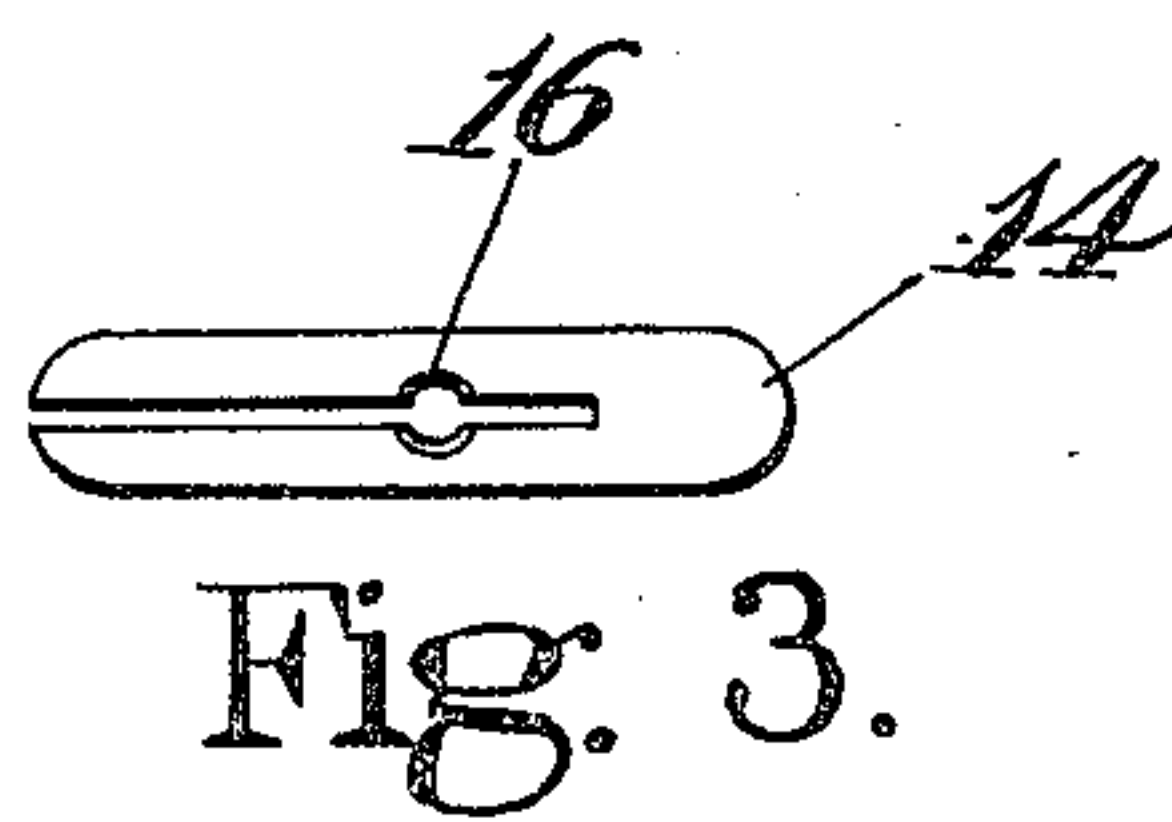
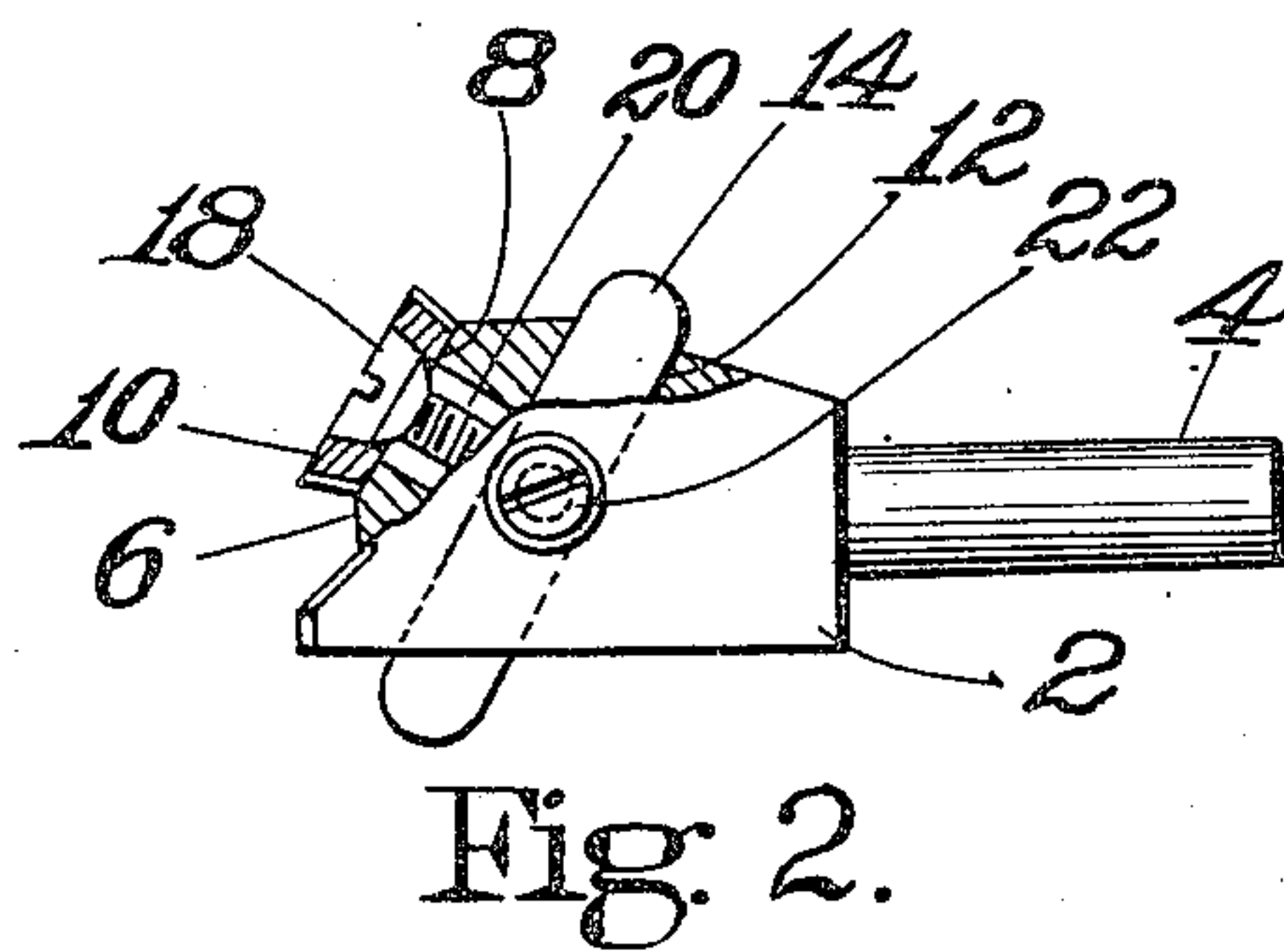
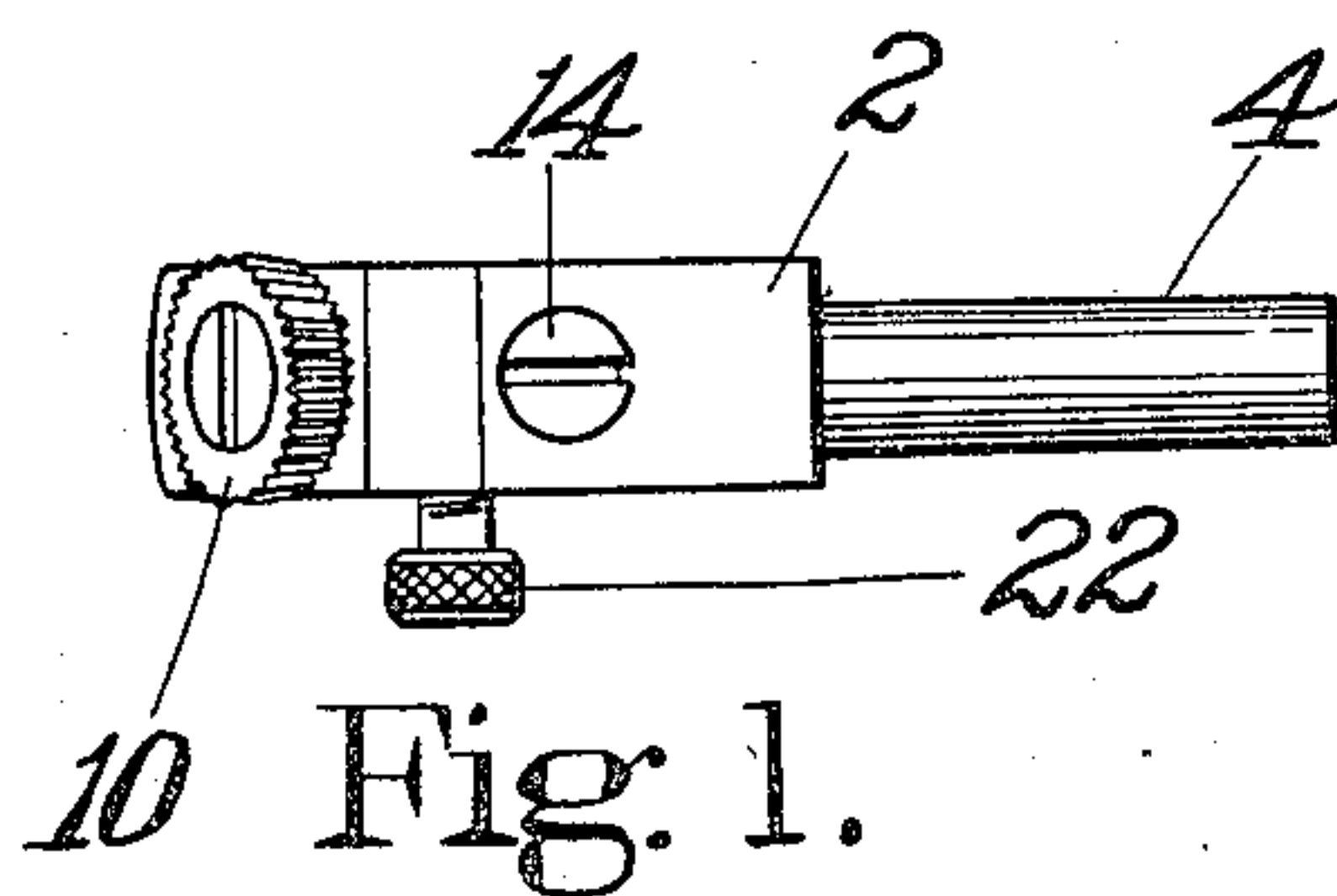


C. JÖRGENSEN.  
BURNISHING AND INDENTING TOOL.  
APPLICATION FILED OCT. 8, 1909.

999,228.

Patented Aug. 1, 1911.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

CHRISTIAN JÖRGENSEN, OF COPENHAGEN, DENMARK, ASSIGNOR TO UNITED SHOE MACHINERY COMPANY, OF PATERSON, NEW JERSEY, A CORPORATION OF NEW JERSEY.

BURNISHING AND INDENTING TOOL.

999,228.

Specification of Letters Patent.

Patented Aug. 1, 1911.

Application filed October 8, 1909. Serial No. 521,756.

*To all whom it may concern:*

Be it known that I, CHRISTIAN JÖRGENSEN, a subject of the King of Denmark, residing at Copenhagen, in the Kingdom of Denmark, have invented certain Improvements in Burnishing and Indenting Tools, of which the following description, in connection with the accompanying drawings, is a specification, like reference characters on the drawings indicating like parts in the several figures.

This invention relates to burnishing and indenting tools; and aims to provide a burnishing iron carrying an indenting tool with an improved means for adjusting the position of said tool relative to the burnishing face of the iron.

The nature of the invention will be clear from the following description of the preferred embodiment, taken in connection with the accompanying drawings in which,

Figure 1 is a plan view of an edge setting or burnishing iron carrying a stitch impression wheel; Fig. 2 is a side elevation, partly in section, of the same; and Fig. 3 is a view of the split slide which supports the impression wheel.

The edge setting iron 2 is provided with a shank 4 by means of which it may be connected to a suitable holder for operation in the usual manner; and also has a burnishing face 6 and an inclined face 8 forming a bearing surface for the stitch impression wheel 10. A channel or guideway 12 is formed in the body of the iron substantially parallel with the bearing surface 8. In this guideway is mounted an adjustable slide 14 having a threaded aperture 16 into which the threaded end of a pin or wheel support 18 is screwed; the other end of the pin being provided with a conical head which fits an inclined bearing surface in the impression wheel 10. This arrangement permits longitudinal adjustment of the pin or wheel support. The pin 18 extends through a slot 20 connecting the guideway 12 and the bearing surface 8, so that by moving the slide in the guideway the pin and impression wheel may be adjusted toward or from the burnishing face of the iron.

The slide 14 is split longitudinally from one extremity through the threaded aper-

ture 16, and for some distance beyond. A set screw 22, threaded through an aperture in the side of the iron, bears against the split portion of the slide, and when tightened up serves not only to lock the slide against movement in the guideway but also to clamp the split portion of the slide firmly onto the pin 18. In order to further facilitate adjustment of the device, the slide is made of such a length that its ends project beyond opposite faces of the iron. By this arrangement the position of the impression wheel may be changed by merely loosening the clamping screw 22 and pressing on one end or the other of the slide.

Having described my invention, what I claim as new and desire to secure by Letters Patent of the United States is:—

1. The combination with a burnishing iron of an adjustable member carried by the iron, a spindle supported by said member, an indenting tool mounted on said spindle and a single means for clamping said spindle to said adjustable member and securing said member in an adjusted position.

2. The combination with a burnishing iron having a guideway, of an adjustable slide mounted in said guideway, an indenting tool, a support for said tool adjustable in said slide, and a clamping device arranged to secure said support in said slide and to lock said slide against movement in said guideway.

3. The combination with a burnishing iron having a guideway in its body portion, of a slide adjustably mounted in said guideway, an indenting tool carried by the slide, and means for clamping said slide in an adjusted position in said guideway, said slide being of such length that its ends project beyond opposite faces of the iron whereby the adjustment of the slide is facilitated.

4. The combination of a burnishing iron having a guideway, a slide mounted in said guideway and having a clamping portion, an indenting tool, a support for said tool carried by the clamping portion of the slide and means mounted in the iron and cooperating with the clamping portion of the slide to lock said support to said slide.

5. The combination with a burnishing iron provided with a guideway, of a split



slide adjustable in said guideway, a stitch  
impression wheel, a threaded pin supporting  
said wheel, the threaded end of said pin be-  
ing received in a threaded aperture in said  
5 slide and a clamping screw positioned in an  
aperture of said iron and arranged to bear  
against the split portion of the slide.

In testimony whereof I have signed my  
name to this specification in the presence of  
two subscribing witnesses.

CHRISTIAN JÖRGENSEN.

Witnesses:

ERNST ENUA,

H. H. NANSSON.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,  
Washington, D. C."

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