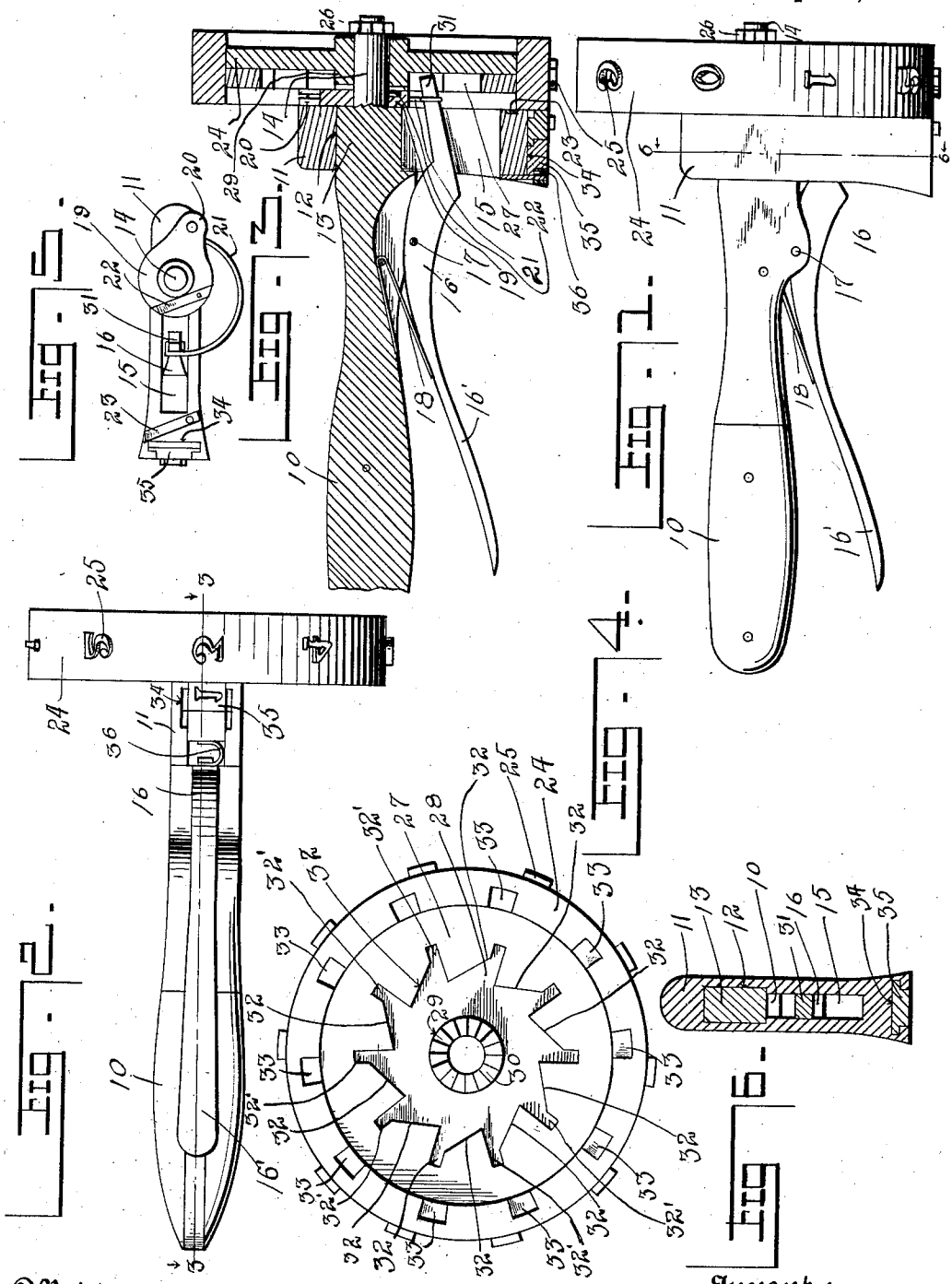
B. KULLA.

HAND STAMP.

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1,093,561.

Patented Apr. 14, 1914.



Witnesses

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BERNHARD KULLA, OF IVANHOE, MINNESOTA.

HAND-STAMP.

1,093,561. Specification of Letters Patent. Patented Apr. 14, 1914.

Application filed March 13, 1913. Serial No. 754,051.

To all whom it may concern:

Be it known that I, BERNHARD KULLA, a citizen of the United States, residing at Ivanhoe, in the county of Lincoln, State of Minnesota, have invented certain new and useful Improvements in Hand-Stamps; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in stamps, and particularly to a hand stamp for marking numbers or other designations on finished pieces of work of either wood or metal.

The principal object of the invention is to provide a simple device of this character which is in the nature of a hammer which can be struck on the finished piece of work to indent some designation, as a number.

Another object is to provide a device of this character which is of such construction and arrangement that a series of pieces of work can be numbered or lettered in consecutive order by a simple and novel adjusting mechanism carried by the device.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawings.

In the drawings: Figure 1 is a side elevation of my hand stamp. Fig. 2 is a bottom plan view of the device. Fig. 3 is a vertical longitudinal sectional view on the line 3—3 of Fig. 2. Fig. 4 is an elevation of the number wheel removed from the handle. Fig. 5 is an end view of the hammer portion of the device with the wheel removed. Fig. 6 is a vertical section on the line 6—6 of Fig. 2.

Referring particularly to the accompanying drawings, 10 represents a suitable handle which may be of any preferred design. Detachably secured on one end of the handle is an elongated head 11, this head having a rectangular opening 12 therethrough near one end, which receives a similarly formed reduced portion 13 of the handle, a further reduced cylindrical portion 14 extending centrally from the portion 13, and provided with a threaded end for a purpose which will appear later. Also formed through the head 11 is an elongated opening 15 through which projects one end of a pivoted thumb-lever 16, this lever being pivotally carried by the handle at the point 17 and held in clamped position by the V-shaped leaf spring 18. Rotatably mounted on the cylindrical portion 14 is a disk 19, this disk being provided with a projection 20 which is connected to one end of the lever 16 by means of a bowed spring 21. Mounted on the outer face of the disk 19 is a spring pawl 22, and on the outer face at the upper end of the head 10 is mounted a similar spring 23. Rotatably mounted on the member 14 is a wheel 24 carrying on its peripheral face a series of hard metal numbers 25, these numbers being raised from the surface of the wheel and sharpened to penetrate the wood when struck by the hammer. This wheel 24 is detachably held on the member 14 by a nut 26 secured onto the threaded extension of said member. Mounted on the inner face of the wheel is a disk 27, this disk having a central cutaway portion, in the wall of which are formed the notches 28. Extending from the same face of the wheel and centrally thereof is a boss 29, the outer face of which is formed of a series of ratchet teeth 30, these teeth being adapted for engagement by the spring pawl 22 carried by the disk 19. The end of the lever 16 which projects through the head 11 is provided with an extension 31, this extension being adapted to engage the inclined faces 32 of the notches 28. On the side face of the wheel near the outer edge is another series of arched notches 33, these notches being adapted to be engaged by the spring pawl 23. Formed in the lower end of the head 11 in a direction parallel to the handle 10 is an under cut groove 34 in which are slidably seated the pieces of type 35, a suitable spring 36 being mounted in this end of the head to hold the type in place.

In the operation of the device, the handle is grasped in the position shown in Fig. 1, the handle portion 16′ of the lever 16 being borne against the handle 10. This rocks the lever on its pivot and communicates rotary motion to the disk 19 through the spring 21, and causes the spring pawl 22 to engage one of the teeth 30 and rotate the wheel to bring one of its numbers opposite the piece of type 35. At the same time, the spring pawl 23 engages one of the notches 33 and the extension 31 rides up the incline 32 and rests in the recess 32′ of one of the notches 28. This holds the wheel 24 firmly against rotation. The piece of work may then be struck with the device so that

the numbers will impress themselves in the piece of work. If desired, these numbers can be made flat faced and the registered numbers, that is the digits on the head of the disk which registers with the piece of type in the head 11 after first being supplied with ink from a suitable source. This would at the same time indent the number in the piece of work and clear the same so that it could be more easily seen.

When the handle portion of lever 16 is released, the spring 18 causes the same to rock into normal position. This returning of the lever to normal position causes the disk 19 to rotate so that the pawl 22 will slip idly over the teeth 30, the pawl 23 holding the wheel against retrograde movement.

What is claimed is:

1. A hand stamp comprising a handle, a marking wheel rotatably mounted on one end of the handle, and a lever mounted on the handle for rotating the marking wheel step by step and holding the wheel from movement in either direction at each step of its rotation.

2. A hand stamp comprising a handle, a head carried at one end of the handle, detachable marking devices carried by the head, a marking wheel rotatably mounted on the handle adjacent the head said wheel being formed with a series of notches, a pivoted spring pressed member mounted on the handle between the head and the wheel, a ratchet face carried by the wheel, means carried by the spring pressed member for engagement with the ratchet face, and a pivoted operating lever carried by the handle and connected to the spring pressed member for actuating said member to rotate the marking wheel in a step by step fashion, said lever being arranged to engage in said notches to hold the wheel from rotation in either direction at each step of movement.

3. A marking device comprising a handle having a head on one end, a marking wheel rotatably mounted on the end of the handle, a ratchet faced boss carried centrally by the marking wheel, the face of the marking wheel surrounding said boss being formed with a circular series of notches having inclined and straight sides, a rocking pawl mounted on the end of the handle and engaging the face of the boss, and a pivoted spring pressed operating lever carried by the handle, and connected to the rocking pawl, said operating lever having an extension engaging in the said notches for holding the marking wheel against rotation when advanced one step.

In testimony whereof, I affix my signature, in the presence of two witnesses.

BERNHARD KULLA.

Witnesses:

JOHAN LIREWISKE,

G. PANNECK.

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