

A. Moltz,

Pointing Wire,

N^o 1,1,014.

Patented Dec. 22, 1863

Fig. 1.

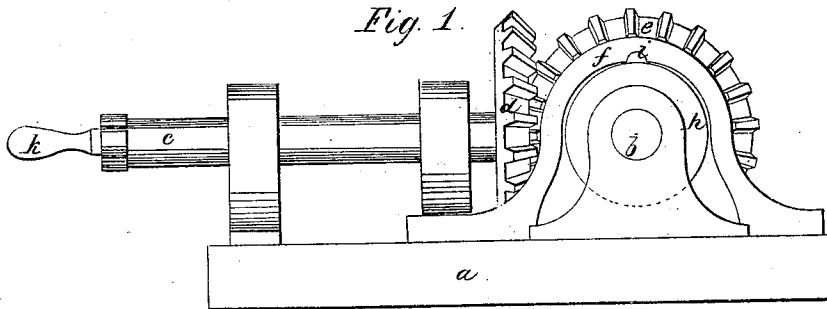


Fig. 2.

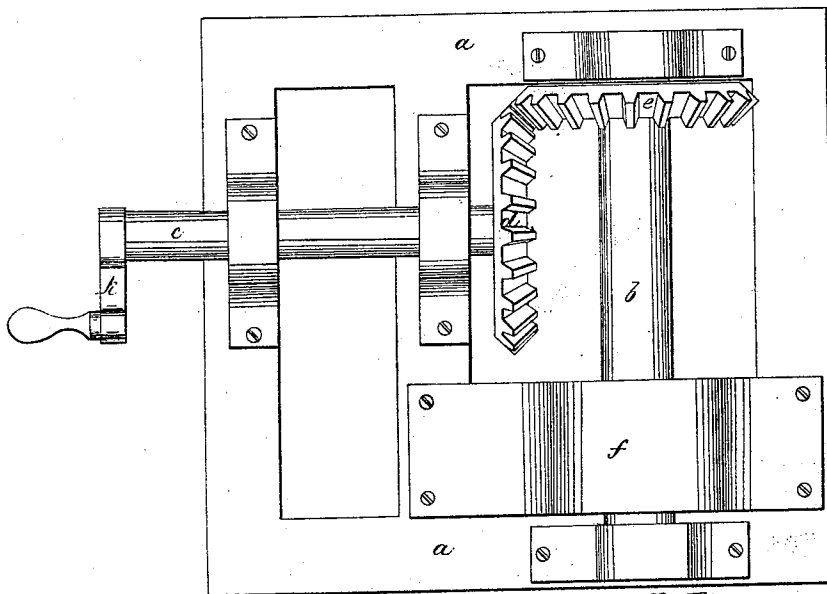


Fig. 3.

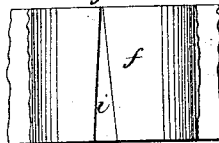
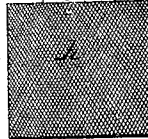


Fig. 4.



Witnesses;
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UNITED STATES PATENT OFFICE.

ADAM MOLTZ, OF NEW YORK, N. Y.

IMPROVED METAL-POINTING MACHINE.

Specification forming part of Letters Patent No. **41,014**, dated December 22, 1863.

To all whom it may concern:

Be it known that I, ADAM MOLTZ, of the city, county, and State of New York, have invented a new and useful Metal-Pointing Machine; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification.

Figure 1 is an elevation of the pointing-machine; Fig. 2, a plan thereof. Fig. 3 is an inside view of the part of the strap having the pointed groove which constitutes the back rest. Fig. 4 is the grinding wheel or cylinder with the strap removed.

Similar letters of reference refer to corresponding parts in all the figures.

My invention consists of a grinding wheel, *h*, mounted on the shaft *b*, which is revolved by means of the miter-gear *e* *d* and crank-shaft *C*, the whole being sustained by the frame *d*. Over the grinding-wheel I place a strap, *p*, which is firmly secured to the frame

a. This strap is slightly depressed in the center, so that it just clears the top of the grinding-wheel. Inside the strap I make a pointed groove, *i*, to receive the end of the wire to be pointed.

The operation of the machine is as follows, viz: The grinding-wheel is caused to revolve and the end of the wire to be pointed is introduced into the groove *i* and gradually turned as it is ground off until entirely pointed, the groove *i* operating as a back rest to receive and hold the wire, and also to regulate the shape of the point, which will obviously correspond to the angle of the groove *i*.

What I claim as my invention, and desire to secure by Letters Patent, is—

The grinding-wheel *h* and strap *p*, with the groove *i*, arranged substantially as described, and for the purpose set forth.

ADAM MOLTZ.

Witnesses:

CHAS. MORRILL,

WM. GEO. BLACKBURN.