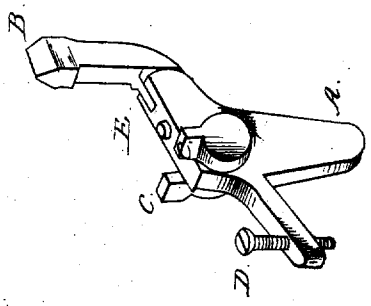
5993X

H. Aiken,

Saw-Set,

Patented May 24, 1830.



N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

X5993 May 24, 1830 475

Hannah Aitken
Letters Patent

The Schedule referred to in these Letters Patent, and making part of the same containing a description in the words of the said Hannah Aitken herself, of her improvement in the Saw Set.

My Saw set, consists of the following principal parts, Viz. 1st The Shank, 2d The Hammer. 3d The Guards, 4th The Regulating Screw. 5th The Spiral Spring. 1st The Shank, is made with Iron and faced with Steel; it has two arms one to receive the Hammer, & Spiral Spring, and the other the regulating Screw is as hereafter described. 2nd The Hammer is made of Iron, with a steel point, and works with a joint, in the arm of the Shank. Its point is in the form of a wedge. 3d The guards are made of Iron, and placed one on each side of the Shank, so as to admit the Hammer to work, and fall freely between them; they are connected together by a rivet passing thro' the Shank, and moved backwards and forwards, by a blow with a hammer. 4th The regulating screw is placed and works in the other arm of the shank, and is raised or lowered at pleasure by turning. There may be two or more holes for the screw, to endwer for wider or narrower plate. 5th The Spiral Spring, is let into the arm under the hammer. Operation. The Saw to be set, is laid upon the anvil, which is lowered by turning the screw, to the proper set. The points of the teeth rest against the guards, which are placed at a proper distance from the shoulder on the arm; over which the teeth are bent as a fulcrum. one or more blows, are given on the hammer, directly over the teeth which bends it to the required angle; the hammer rises a small distance by the Spiral Spring, but which Spring may be dispensed with: one side of the Saw being set, the other side is set in the same manner

What I claim as my invention, is the construction of the above described Saw set.

For a further illustration of my invention, I refer to the model, and drawing of the same, deposited in the Patent Office. In

No. X5993

testimony, that the foregoing is a true specification of my invention. I have hereunto subscribed my name, before two witnesses, and made oath to the same, at the City of Washington, the 13th day of May 1830

Test. Witnesses
1836. Wm. P. Elliot
Robt. M. Fenwick

Herrick Aiken

(429 Mods)

(Patented May 24. 1830)