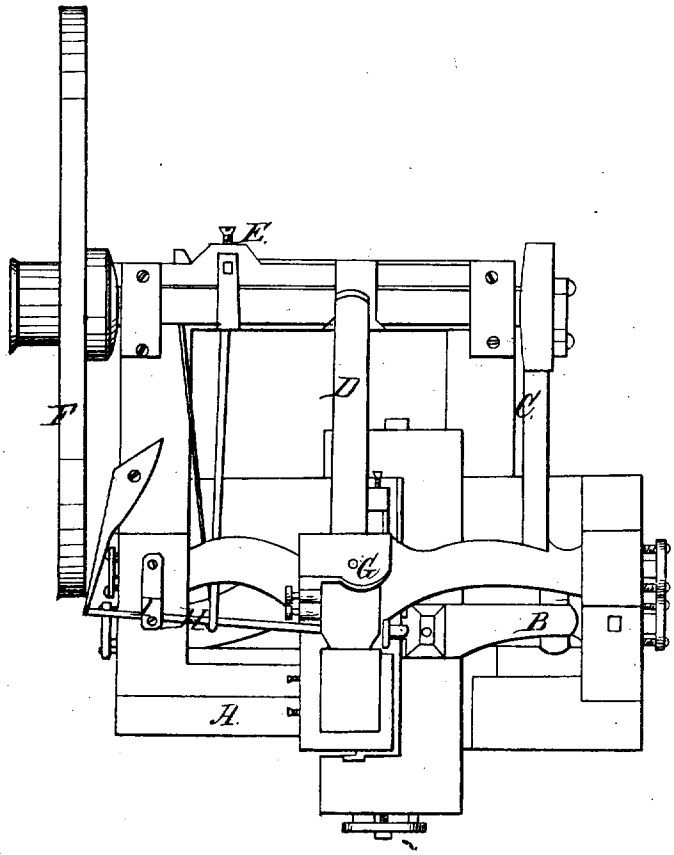
8589X

S. Chubbuck,

Making Cut Nails.

Patented Jan. 13, 1835.



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

Jan. 13. 1835

Stephen Chubbuck. Wareham. Mass.

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 Stephen Chubbuck himself of his Improvement in that part of the "Rod Nail Machine," called the "Nipper," which gives the Nail a Motion as it is taken from the Cutter.

To all persons to whom these presents shall come. Stephen Chubbuck of Wareham in the County of Plymouth and State of Massachusetts. Husbandman send greeting.

Be it known that I the said Stephen Chubbuck have invented Constructed and applied to use a new and useful Improvement in that part of the "Rod Nail Machine," called the Nipper specified in the words following viz. This Improvement consists in causing the "Nipper" to play upon a pivit in the upright part thereof which it passes and is therefore called a pivit Nipper which admits of a vertical as well as a horizontal Movement a desideratum long sought for by those engaged in the business of making Nails upon the Machine aforesaid. The joint in the Nipper together with the mode of applying a weight or spring to the short arm of the lever to regulate its motion constitutes the improvement which he claims as exclusive property: & a reference to the different parts of the Machine will serve to illustrate the utility of the improvement of which he claims the invention

A is called the bed piece
B Heading Lever
C Cutting Lever
D Griping Lever
E Axle
F Balance Wheel
G Nipper Lever in the Nipper Rocket

passes through the upright part I and instead of having three Corners as formerly which alternately rest upon the horizontal Movement it is allowed to play on a pin which Makes a joint by means of which a Vertical as well as a Horizontal Motion is produced. By this new and improved Arrangement it takes the Nail from the Cutter as it passes down the Groove and instead of sliding it against the back piece it strikes it in such a manner upon the edge as to give it the form of a quarter of a Circle and then by its Vertical Motion catches it upon the under side when it is griped fast & held fast to receive its head. This has been found by satisfactory experiment not only by himself but by others well acquainted with the business of Making Nails by Machinery to be a very valuable Improvement on the Machine aforesaid & is capable also with the weight or Springs to be applied to other Machines but whether with the same advantage as to the Nail Machine he cannot say with the same degree of Certainty as he has not had an Opportunity of putting it to the test. The general Improvement known in the Machine by which the Vertical Motion aforementioned is produced that is by having it play in the first Making thereby a joint and having its Motion regulated by a weight or Spring attached to it. Wherefore what he claims as his Discovery in the Machine for Cutting Nails or any other and in this he claims an exclusive property. In Witness that the above is a true Specification of my improvement as above described I have hereunto set my hand this twenty fifth day of July in the Year of our Lord one thousand eight hundred and thirty two

Witnesses
Nathaniel Lewis
Thomas Perkins

Stephen Chadwick

Eyd
WC

(Drawing)

L650 WD