N. R STREETER.

Fluting and Sad-Iron Holder.

No. 204,922. **Patented June 18, 1878.**

Fig. 1.

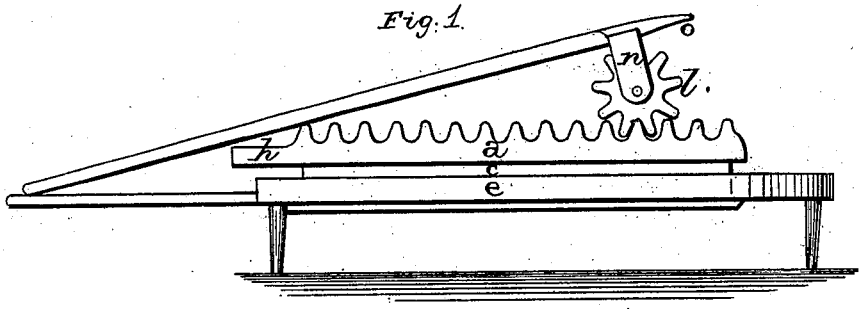


Fig. 5

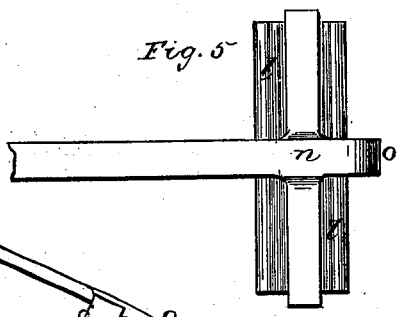


Fig. 2.

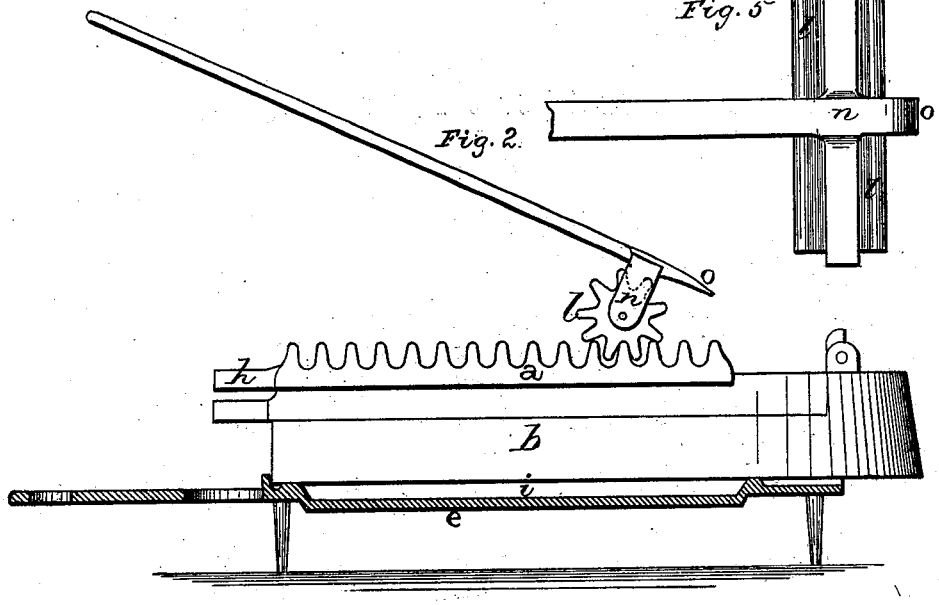
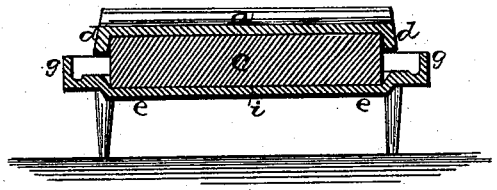


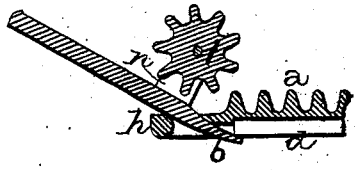
Fig. 3.



WITNESSES

Wm Garner
W. A. Kent

Fig. 4.



INVENTOR

N. R. Streeter.
per
F. A. Lehmann, Atty

UNITED STATES PATENT OFFICE.

NELSON R. STREETER, OF GROTON, NEW YORK.

IMPROVEMENT IN FLUTING AND SAD IRON HOLDERS.

Specification forming part of Letters Patent No. **204,922**, dated June 18, 1878; application filed July 26, 1877.

To all whom it may concern:

Be it known that I, NELSON R. STREETER, of Groton, in the county of Tompkins and State of New York, have invented certain new and useful Improvements in Stands for Fluters and Sad-Irons; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in fluting and sad iron holders; and it consists in forming a flange around its edge and a recess in its center, to form a hot-air chamber, as will be more fully described hereinafter.

Figure 1 is a side elevation of the fluting-kit complete. Fig. 2 shows the fluter-plate placed upon the top of an iron. Fig. 3 is a vertical cross-section of a core upon which the plate is placed, together with the stand; and Figs. 4 and 5 are detail views.

a represents the fluter-plate, of any desired shape or size, which has a recess formed in its under side, so as to adapt it to be placed upon the top of a heated iron, *b*, or a core, *c*.

The flange *d* around the lower edge of this plate catches around the sides of the core or iron, so as to hold it securely in place while the fluting is being done upon its top. It is not necessary that this flange should extend all the way around, as here shown, but it is preferable that it should do so. On the rear end of the plate is formed the perforated handle *h*. The stand *e*, upon which the heated core or iron is placed while the fluting is being done, has the flange *g* projecting above its surface all around its edge, except at its front end, and this flange serves to keep the iron in place and to prevent it from slipping off. In the top of this stand, at a suitable distance inside of this flange, is made a recess, *i*, just large enough to receive the core and hold it steady. This recess also serves as a hot-air chamber for the iron, and serves to keep a body of hot air constantly under it, so as to prevent the heat from passing so rapidly out of the iron into the stand.

The presser that is used in connection with the plate *a* consists of the roller *l*, fluted from end to end, and the frame *n*, in which it is journaled. The handle to this frame is long enough for convenient use, and has its inner end extended beyond the center of the frame *n* far enough to form a lifter, *o*, for the plate *a*, core *c*, or the lids of a stove, and all such articles.

By this construction a very wide range of usefulness is given to the fluter. While being used as a fluter, as soon as the iron or core becomes too cold for further use, the roller is turned upward, and the lifter *o* is passed through the perforated handle *h*, the plate lifted off, the core removed, and another core put in its place, and then the plate replaced again without the trouble of finding a lifter to be used for this purpose. In fact, this fluter can be used for all the purposes to which a stove-lifter can be applied, such as opening boxes, lifting pots, &c.

Having thus described my invention, I claim—

The stand *e*, having a flange, *g*, around its outer edge, and a recess, *i*, in its center, to form a hot-air chamber for the iron or a recess for the core, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of July, 1877.

NELSON R. STREETER.

Witnesses:

M. M. ROHRER,

F. A. LEHMANN.