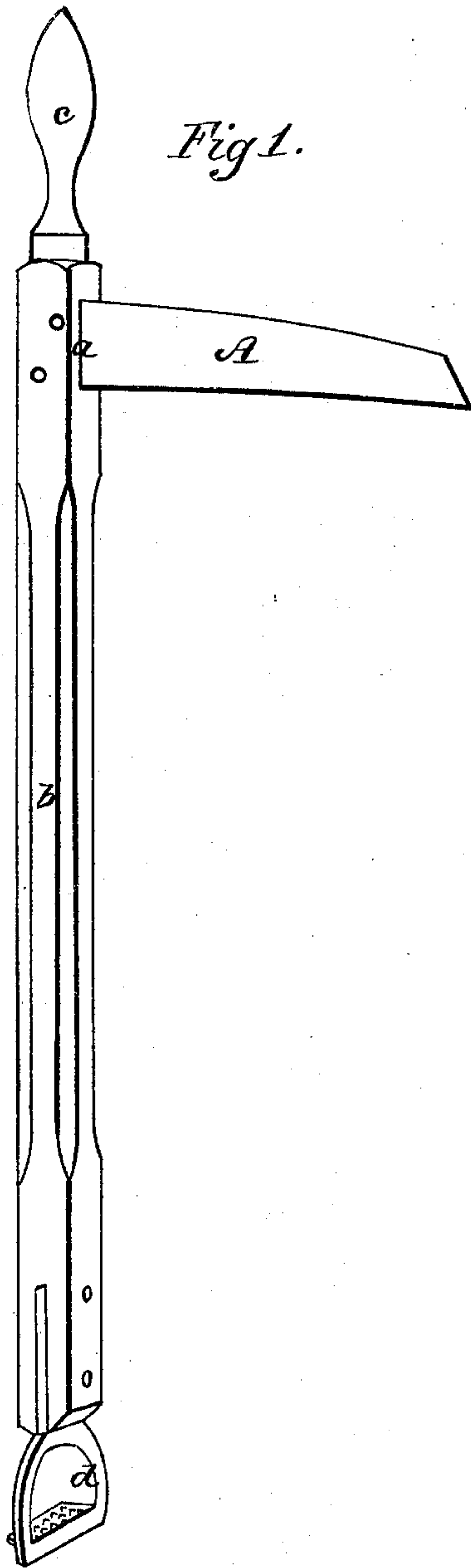


*S. R. Bailey.*

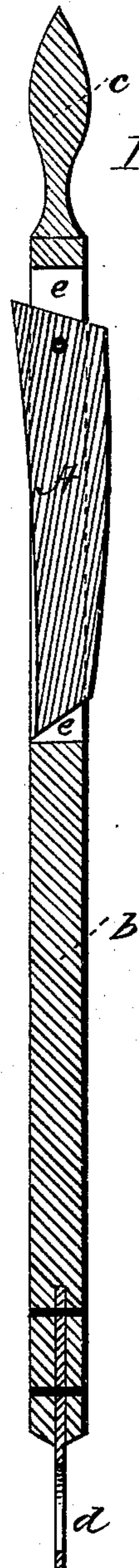
*Cheese Cutter.*

*N<sup>o</sup> 88,357.*

*Patented Mar. 30, 1869.*



*Fig. 1.*



*Fig. 2.*

*Witnesses.*  
*Edward Griffith.*  
*Geo. A. Loving.*

*Inventor.*  
*S. R. Bailey*  
*by his Attorney,*  
*Frederick Curtis.*

# United States Patent Office.

S. R. BAILEY, OF BATH, MAINE.

Letters Patent No. 88,357, dated March 30, 1869.

## IMPROVED CHEESE-CUTTER.

The Schedule referred to in these Letters Patent and making part of the same.

*To all to whom these presents shall come:*

Be it known that I, S. R. BAILEY, of Bath, in the county of Sagadahoc, and State of Maine, have made an invention of a new and useful Implement for Cutting Cheese, Butter, and other articles of a soft and tenacious character; and do hereby declare the following to be a full, clear, and exact description thereof, due reference being had to the accompanying drawings, making part of this specification, and in which—

Figure 1 is a perspective view of an implement embodying my invention or improvement.

Figure 2 is a vertical section of my invention, showing the knife thereof in a folded or contracted state.

My present invention relates to means for cutting cheese, or substances of an equivalent nature, which, although soft, owing to the tenacious and somewhat gummy qualities of the material of which they are composed, require the exertion of considerable manual power to force the knife through them.

The invention consists in the employment of a knife, of suitable shape and strength, applied to a suitable standard, or support, and the latter provided with a means of enabling the power of a person's leg and foot to be applied to it, for the purpose of depressing the knife, and forcing it expeditiously and easily through a cheese, or other substance to be divided, leaving his hand free to manipulate the article previous to and while being thus divided.

In the drawings before mentioned as accompanying this specification, and which illustrate my invention, A denotes a knife, composed of a long and thin steel blade, sharp upon its lower edge, and of about the shape of an ordinary saw-blade, this knife being inserted, edge downward, within a vertical incision, *a*, made in the upper part of a hand-bar, or support, *b*, or otherwise suitably secured thereto.

This bar *b* is a stout piece of wood, and is formed with a handle, *c*, at its upper extremity, which rises above the knife A, as represented.

At or near the lower extremity of the bar *b*, I affix a stirrup, *d*, or other equivalent means of enabling a person to apply his foot thereto, one of his hands being employed to guide the position and movements of the knife, by means of the handle *c*, as such knife is forced, by means of his foot, downward through the substance to be cut.

In fig. 1 of the accompanying drawings, the knife A

is represented as confined immovably to the bar *b* by rivets.

In practice, however, it may be found beneficial, for purposes of transportation or storage, when not in use, to pivot the knife to the bar, and to cut a long slot, or groove, *e*, in the bar, for its reception, as shown in fig. 2 of the drawings, in which state the implement is very much reduced in bulk, and may be stowed into a small space.

I would remark, that in place of applying the knife A directly to the bar *b*, as shown in the accompanying drawings, I have contemplated fixing it to a block, or carrier, which slides upon the bar, and in applying to such carrier the stirrup, or foot-rest before mentioned. This, however, would add to the expense of the device.

I would also remark, that in practice it will add to the satisfactory working of the implement, to affix, in front of the bench, or table upon which the cheese is to be cut, a rail, against which the lower part of the bar may abut, to prevent the latter from swaying too much in either direction, thus detracting from the effective action of the knife.

Practice, however, will soon enable the operator to dispense with any extraneous guide for the bar.

The use of the above-described implement will at once manifest itself to intelligent persons, as the substance to be cut is to be placed near the outer edge of the bench, the implement taken in one hand, and its knife placed over such substance at the point where it is to be divided, and the foot inserted in the stirrup *d*, by means of which the knife is driven quickly and easily through the mass.

To remove the knife from the incision made by it, it is to be drawn laterally from it, the lower end of the bar being carried with it by the action of the foot.

In addition to the ease and celerity with which a cheese or other kindred substances may be cut, by means of the above-described implement, it possesses the advantage of being made at very small cost.

I claim the combination of the bar, supplied at the top with a rigid or hinged knife, and at the bottom with a stirrup, to be worked by the foot, substantially as and for the purposes specified.

S. R. BAILEY.

Witnesses:

FRED. CURTIS,

EDWARD GRIFFITH.