

N. B. SLAYTON.
Razor and Knife.

No. 220,438.

Patented Oct. 7, 1879.

Fig: 1.

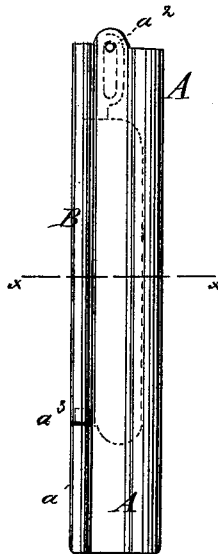


Fig: 2.

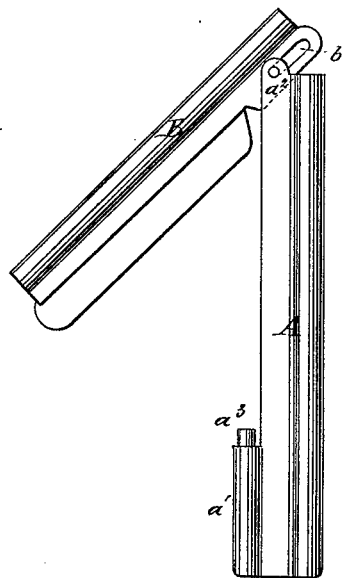


Fig: 3.

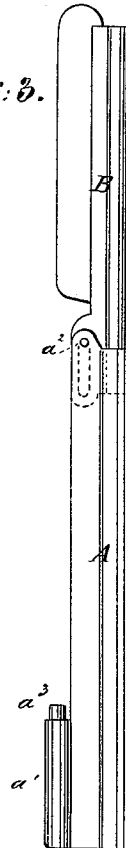
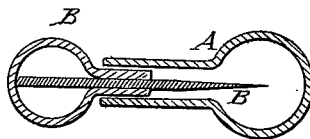


Fig: 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

NELSON B. SLAYTON, OF ROCHESTER, NEW YORK.

IMPROVEMENT IN RAZORS AND KNIVES.

Specification forming part of Letters Patent No. **220,438**, dated October 7, 1879; application filed June 16, 1879.

To all whom it may concern:

Be it known that I, NELSON B. SLAYTON, of Rochester, in the county of Monroe and State of New York, have invented a new and useful Improvement in Razors and Knives, of which the following is a specification.

Figure 1 is a side view of a razor to which my improvement has been applied, shown as closed. Fig. 2 is a side view of the same partly open. Fig. 3 is a side view of the same fully open. Fig. 4 is a cross-section of the same through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish razors which shall be so constructed that they may be shut up and carried in the pocket without its being necessary to put them in cases, and fruit-knives and other knives which shall be so constructed that they may be readily shut and opened, and, when open, may have their blades held firmly in place without the use of a spring.

The invention consists in a razor or knife having a bar provided with a rear slot, in combination with a handle having a pivot on which the back of blade slides and an open-ended tube into which it fits; also, in a razor-blade whose back has a tubular opening in front, and a slot, *b'*, at the rear, in combination with a handle having a metal strip with end pin, all as hereinafter described.

A represents the handle, which is made of a strip of sheet metal bent longitudinally along its middle part into tubular form, leaving its end parts projecting parallel with each other to form a groove to receive the blade B when the razor is shut.

At the outer end of the handle A the blade-groove is closed by a similarly bent but smaller strip of sheet metal, *a'*, the parallel edges of which are slipped into the said blade-groove, and which is secured in place by solder or rivets. At the inner end of the handle A the parallel end parts project a little, and have a rivet, *a''*, passed through them, which also passes through a short slot, *b'*, in the parallel parts of the back of the blade B.

The blade B is formed by bending the middle part of a strip of sheet metal into tubular form, leaving its end parts projecting parallel with each other, and inserting a thin strip of steel between the said parallel end parts, where it is secured in place by solder or rivets. The tubular part of the back of the blade B is made smaller than the tubular part of the handle A, so that it may slip into it, as shown in Fig. 3, to connect the blade and handle rigidly together when opened for use. In the end of the short tubular forward part of the handle A is secured a pin, *a''*, the end of which projects to enter the end of the tubular back of the blade B, to hold the said blade in place when closed; or the pin *a''* may be inserted in the end of the tubular back of the blade B, to enter the tubular forward part of the handle A.

With this construction the razor is opened by sliding the blade B back to release it from the pin *a''*, partly opening it, sliding it forward, fully opening it, and sliding the end of the back of the blade B into the end of the handle A, as shown in Fig. 3. The razor is closed by reversing these movements. The handle of the razor may be ornamented to any desired extent.

I have described the invention as applied to razors; but it may also be applied to fruit-knives and other pocket-knives with equal advantage.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A razor or knife having the back provided with rear slot, *b'*, in combination with handle A, having pivot on which the back of blade slides, and an open-ended tube, into which it fits, for holding the blade open, as described.

2. A razor-blade whose back has a tubular opening in front and a slot, *b'*, at the rear, in combination with a handle having the metallic strip *a'*, with end pin *a''*, for the purpose of holding the blade in position when closed.

NELSON B. SLAYTON.

Witnesses:

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C. SEDGWICK.