M. KEISLAR.

RAZOR.

APPLICATION FILED SEPT. 11, 1912.

1,143,832.

Patented June 22, 1915.

Fig. 1.

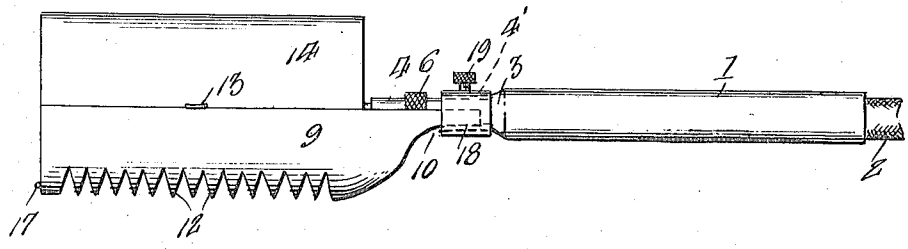


Fig. 2.

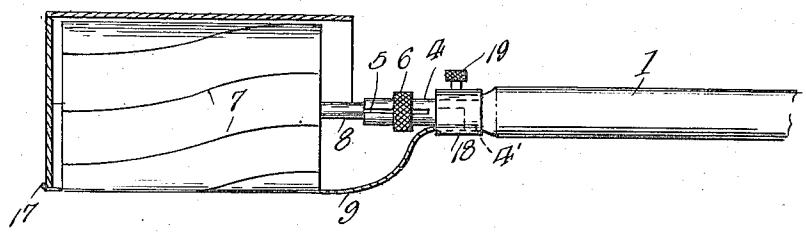


Fig. 3.

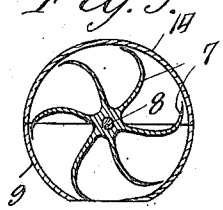
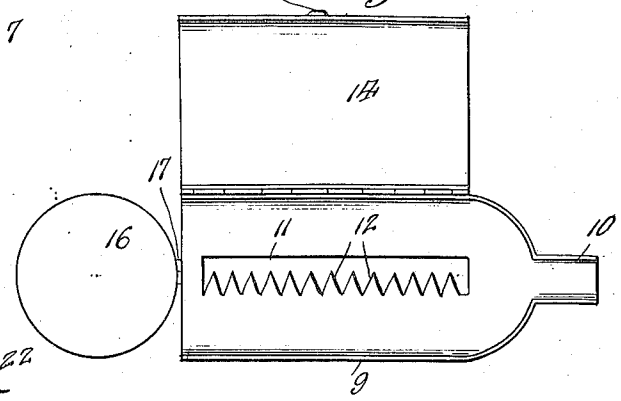


Fig. 4.



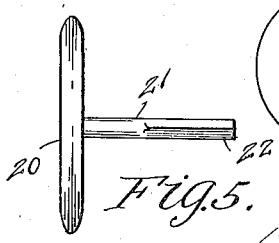


Fig. 5.

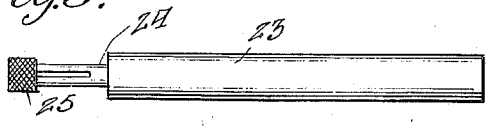


Fig. 6.

WITNESSES

G. M. Spring.

INVENTOR

Mott Keislar,

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UNITED STATES PATENT OFFICE.

MOTT KEISLAR, OF PHULERA, INDIA.

RAZOR.

1,143,832. Specification of Letters Patent. Patented June 22, 1915.

Application filed September 11, 1912. Serial No. 719,720.

To all whom it may concern:

Be it known that I, MOTT KEISLAR, a citizen of the United States, residing at Phulera, in the Province of Rajputana, India, have invented new and useful Improvements in Razors, of which the following is a specification.

This invention relates broadly to the class of safety razors and more specifically to that class of safety razors wherein is embodied a plurality of rotating blades, said blades being rotated through the medium of a flexible shaft and from a suitable source of power.

This invention further aims to provide a simple and inexpensive razor which is efficient in operation.

It further aims to provide a razor of this type which can be easily honed.

With the above and other objects in view, this invention relates to such details of construction and in the arrangement and combination of the several parts as will be hereinafter fully described and specifically pointed out in the appended claims.

In describing my invention in detail reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views and in which,

Figure 1 is a side elevation of my invention. Fig. 2 is a side elevation showing parts of the same removed and parts in section. Fig. 3 is a vertical transverse sectional view. Fig. 4 is a plan view of the casing with the top thereof open. Fig. 5 is a side elevation of the honing device. Fig. 6 is a side elevation of the handle of the honing device.

In carrying my invention into practice, I provide a hollow handle 1 through which operates a flexible shaft 2 which has connection with a suitable source of power (not shown). One end of the handle is beveled as shown at 3 and terminates into an extension 4′.

I provide a plurality of blades 7 which are connected at their inner ends and are preferably formed from one sheet of material. A shaft 8 has connection with the blades, the shaft extending through a split extension 4 which has connection with a flexible shaft and which has operative thereon a ring 6. It is readily obvious that the extension 4 may receive shafts of different diameters without modifying its construction to any degree. A housing is provided for the blades which comprises a substantially spoon shaped member 9 which has an extension 10 formed thereon and which is provided with an opening 11 into which projects teeth 12 for the purpose obvious. Hingedly connected to the member 9 is a semicylindrical cover 14 which is provided with a suitable clasp 13 whereby it may be held in a closed position. The front portion 16 is also carried by the member 9 as shown at 17 for the purpose of protecting the blades. An anchoring sleeve 18 through which operates the thumb screw 19 is provided, which supports the extension 10 of the member 9 upon the extension 4′ as shown thereby holding the housing stationary while the blades revolve.

I desire to lay the greatest of stress upon the facilities for gaining entrance to the blades when removing them from the other elements of the razor.

In Figs. 5 and 6, I have shown a device which has proven advantageous in honing the blades. This device comprises a wheel 20 constructed of suitable abrasive material from which projects a shaft 21 which is provided with a square extension 22. A hollow handle 23 is further provided, it having a projection 24 formed at one end thereof similar to the extension 4 shown above. The projection 24 has a ring 25 slidable thereon for the purpose obvious.

In the operation of the honing device, a flexible shaft is introduced through the end thereof and has connection with the projection 24. The square portion 22 is then inserted in the projection and the ring moved so as to securely hold the same in place. It is readily obvious that motion will then be transmitted to the wheel and also that the same can be easily handled for the purpose set forth above.

It is thought that the advantages and novel features of my invention will be readily appreciated from the foregoing disclosure.

I desire it to be understood that I may make slight changes in the construction and in the arrangement and combination of the several parts, provided such changes fall within the scope of the sub-joined claims.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is:—

1. In a device of the character described, a hollow handle, a flexible shaft therein, an

extension formed upon said handle, a split extension having connection with said flexible shaft, a blade shaft having connection with said split extension, said blade shaft carrying a plurality of razor blades, a substantially spoon shaped member having an opening formed in the bottom thereof, a plurality of teeth formed upon said spoon shaped member and projecting into said opening, an extension formed upon said substantially spoon shaped member, a sleeve slidably mounted upon said first named extension adapted to receive said last named extension and support said substantially spoon shaped member, and a semicylindrical cover carried by said spoon shaped member for the purpose described.

2. In a safety razor, a substantially spoon-shaped housing member having an opening formed in the bottom thereof, an extension formed upon said substantially spoon-shaped member, a handle provided with an extension to be received within the extension of the casing member, a sleeve slidably mounted upon said first extension to be received and fitted over the extension of the handle to hold said members rigidly connected together, and a bladed cutter rotatably mounted within said casing member to have turning movement adjacent the opening therethrough.

3. In a safety razor, a substantially spoon-shaped casing member having an opening formed in the bottom thereof, an extension formed upon said substantially spoon-shaped member, a handle provided with an extension to be received within the extension of the casing member, a sleeve slidably mounted upon said first extension to be received and fitted over the extension of the handle to hold said members rigidly connected together, a bladed cutter rotatably mounted within said casing member to have turning movement adjacent the opening therethrough, a semi-circular casing member mounted upon said spoon-shaped casing member to close over the openings thereof and form a tubular casing, and a circular end member to be received to fit the end of said tubular casing opposite the disposition of the handle therefrom.

MOTT KEISLAR.

Witnesses:
BENSON BAKER,
J. JOHNSTON.