No. 854,814. PATENTED MAY 28, 1907.

T. C. DURHAM.

RAZOR.

APPLICATION FILED JUNE 7, 1906.

Fig. 1.

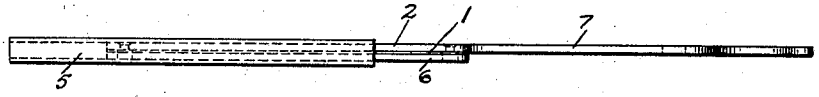


Fig. 2.

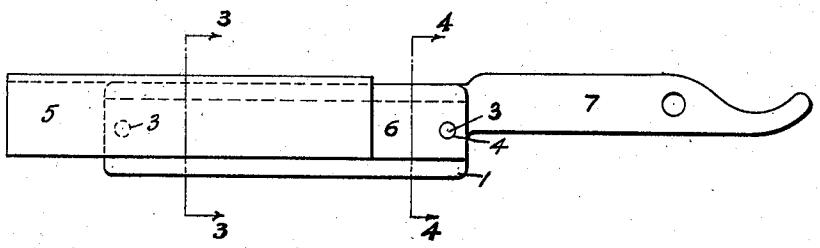


Fig. 3.

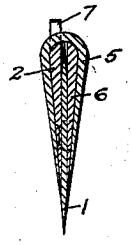
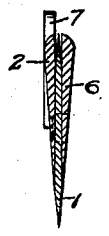


Fig. 4.



ATTEST

Joshua E. Davidson.

Frank N. Vick Jr.

INVENTOR

Thomas C. Durham

By Sydney B. Prescott Atty

UNITED STATES PATENT OFFICE.

THOMAS C. DURHAM, OF NEW YORK, N. Y.

RAZOR.

No. 854,814. Specification of Letters Patent. Patented May 28, 1907.

Application filed June 7, 1906. Serial No. 320,551.

To all whom it may concern:

Be it known that I, THOMAS C. DURHAM, a citizen of the United States, residing at New York, in the county and State of New York, have invented a new and useful Razor, of which the following is a specification.

This invention relates to an improvement in razors, particularly to that type in which a thin blade is used. In certain devices of this character heretofore used, the thin blade was positioned on a supporter by various means and a clamp was employed to bind the whole together. A serious defect in these devices lies in the liability of injury to the blade when the clamp is removed for any purpose.

It is one of the objects of this invention to provide means for retaining the blade in position when the clamp is removed.

Another object is to provide a simple, inexpensive, and durable razor of the ordinary type in which a reversible and removable thin blade may be used.

With these and other objects in view, the invention consists in certain constructions and combinations which will be hereinafter fully described and then specifically pointed out in the claims hereunto appended.

In the accompanying drawings which form a part of this specification and in which like characters of reference indicate the same parts, Figure 1 is a plan view of a structure embodying the invention, Fig. 2 is a side elevation of the structure shown in Fig. 1, Fig. 3 is an enlarged sectional view on the line 3—3 in Fig. 2, Fig. 4 is an enlarged sectional view on the line 4—4 in Fig. 2.

In carrying the invention into effect, a thin blade 1 is used and in the best constructions this blade has two cutting edges and is reversible. A member for supporting the thin blade is provided and in the best constructions this member is wedge-shaped and in the drawings is marked 2. Means for positioning the blade with respect to the supporting member is provided and while other means may be used for this purpose; as shown, studs 3 carried by the member 2 and engaging holes 4 in the blade 1 are used.

A clamp or clamping member is provided for the purpose of holding the blade and supporting member firmly together and while other means may be used in some cases for this purpose; as shown, the clamp consists of a sleeve 5 embracing the blade and supporting member and is arranged to slip over both as is clearly shown in Figs. 1 and 2.

For the purpose of centralizing the blade, a cheek-piece 6 may be used and as shown this cheek-piece consists of a wedge-shaped piece having holes therein corresponding with those in the blade 1 and which are engaged by the studs 3 before referred to so that the blade is positioned between the supporting member and cheek-piece. When this cheek-piece is used, the clamp is made to embrace it as well as the blade and supporting member.

A shank may be extended from the supporting member or the clamping member for the purpose of attaching an ordinary razor handle. In the best constructions and as shown, this shank, marked 7, is extended from the supporting member 2.

Means for retaining the blade in position with respect to the supporting member when the clamp is removed, is provided; and as shown, this means operates magnetically, one or more of the elements of which the device is composed being a magnet, preferably the member 2 and cheek-piece 6. It will be readily seen that ordinarily when the clamping sleeve 5 is slipped off the end of the device the blade is released from its support and may fall and be injured. The magnetic retaining means, however, prevents this and the blade is held in position on the studs 3 until forcibly removed.

Changes and variations may be made in the structure by which the invention is carried into effect. The invention, therefore, is not to be limited to the precise details of structure shown and described.

What is claimed is:—

1. In a razor, the combination with a member consisting of a thin blade, of a member for supporting said blade one of said members being a magnet, and means for positioning the blade with respect to the supporting member, substantially as described.

2. In a razor, the combination with a thin blade, of a magnetic member for supporting said blade, and means for positioning said blade with respect to said member, substantially as described.

3. In a razor, the combination with a thin blade, of a magnetic member for supporting said blade, means for positioning said blade with respect to said member, and a clamping member, substantially as described.

4. In a razor, the combination with a thin blade, of a magnetic member for supporting said blade, a magnetic cheek-piece, means for positioning said blade between said member and cheekpiece, a clamping member, and a shank extended from one of said members, substantially as described.

5. In a razor, the combination with a thin blade, of a wedge-shaped magnetic member for supporting said blade, a wedge-shaped magnetic cheek-piece, means for positioning said blade between said member and cheek-piece, a clamping member, and a shank extended from one of said members, substantially as described.

In testimony whereof, I have signed my named to this specification in the presence of two subscribing witnesses.

THOS. C. DURHAM.

Witnesses:

A. B. RHETT,

A. B. WITHERELL.