

No. 775,379.

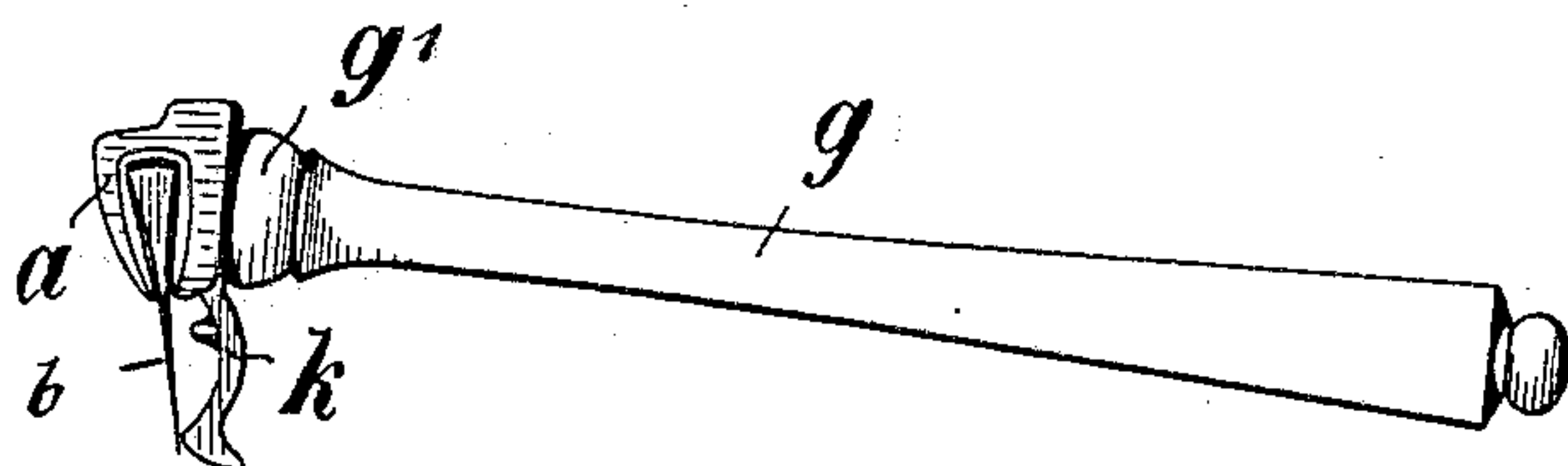
PATENTED NOV. 22, 1904.

A. MÜLLER.  
SAFETY RAZOR.

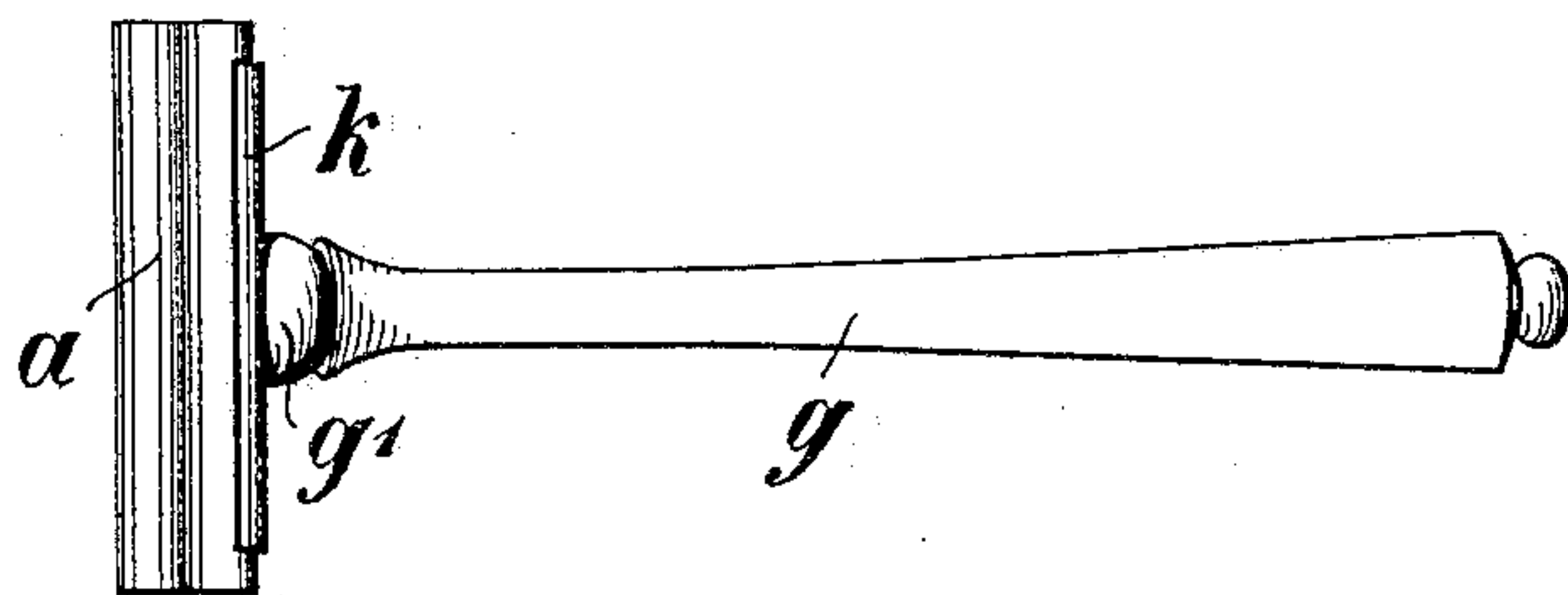
APPLICATION FILED FEB. 16, 1904.

NO MODEL.

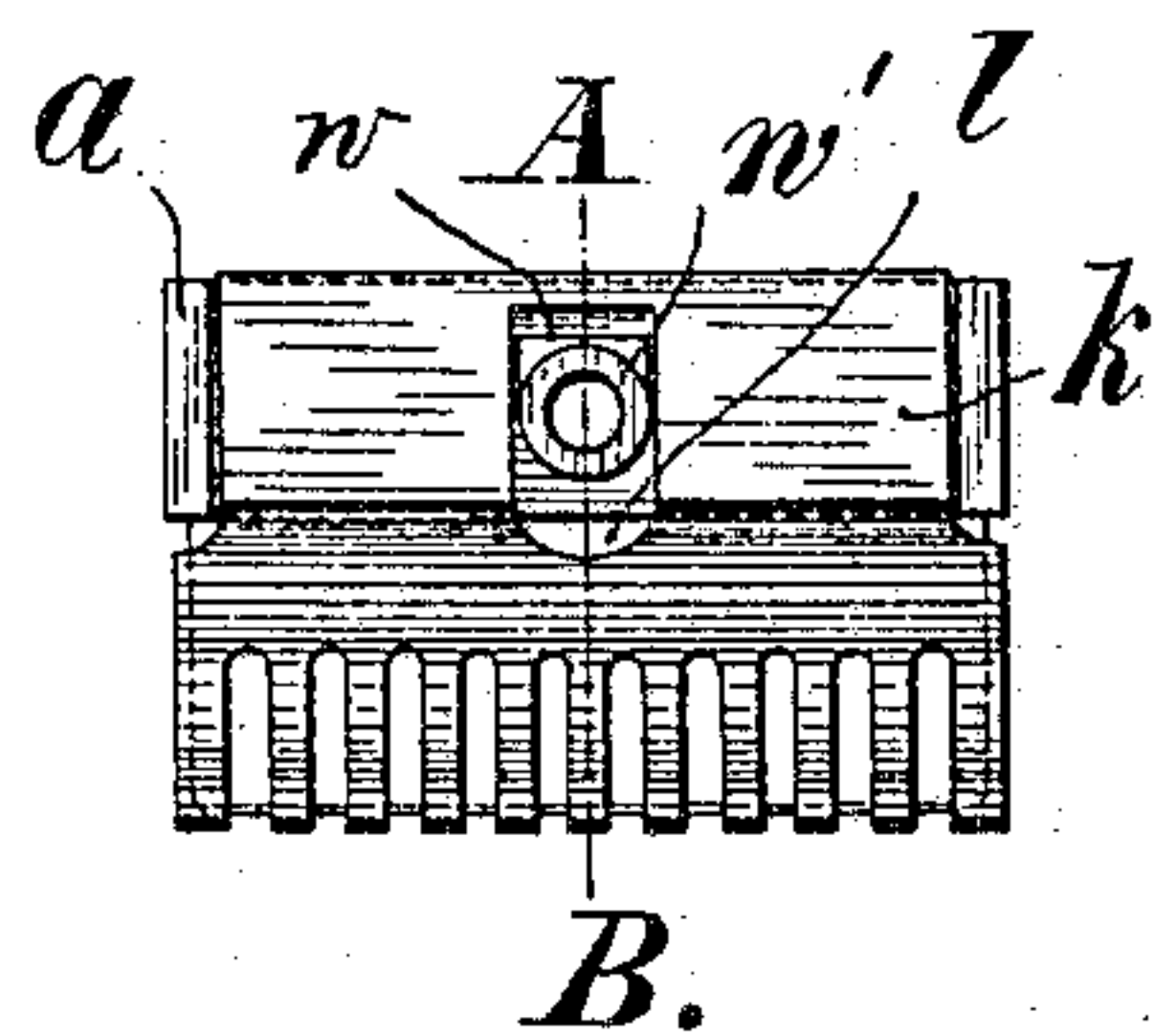
*FIG:1.*



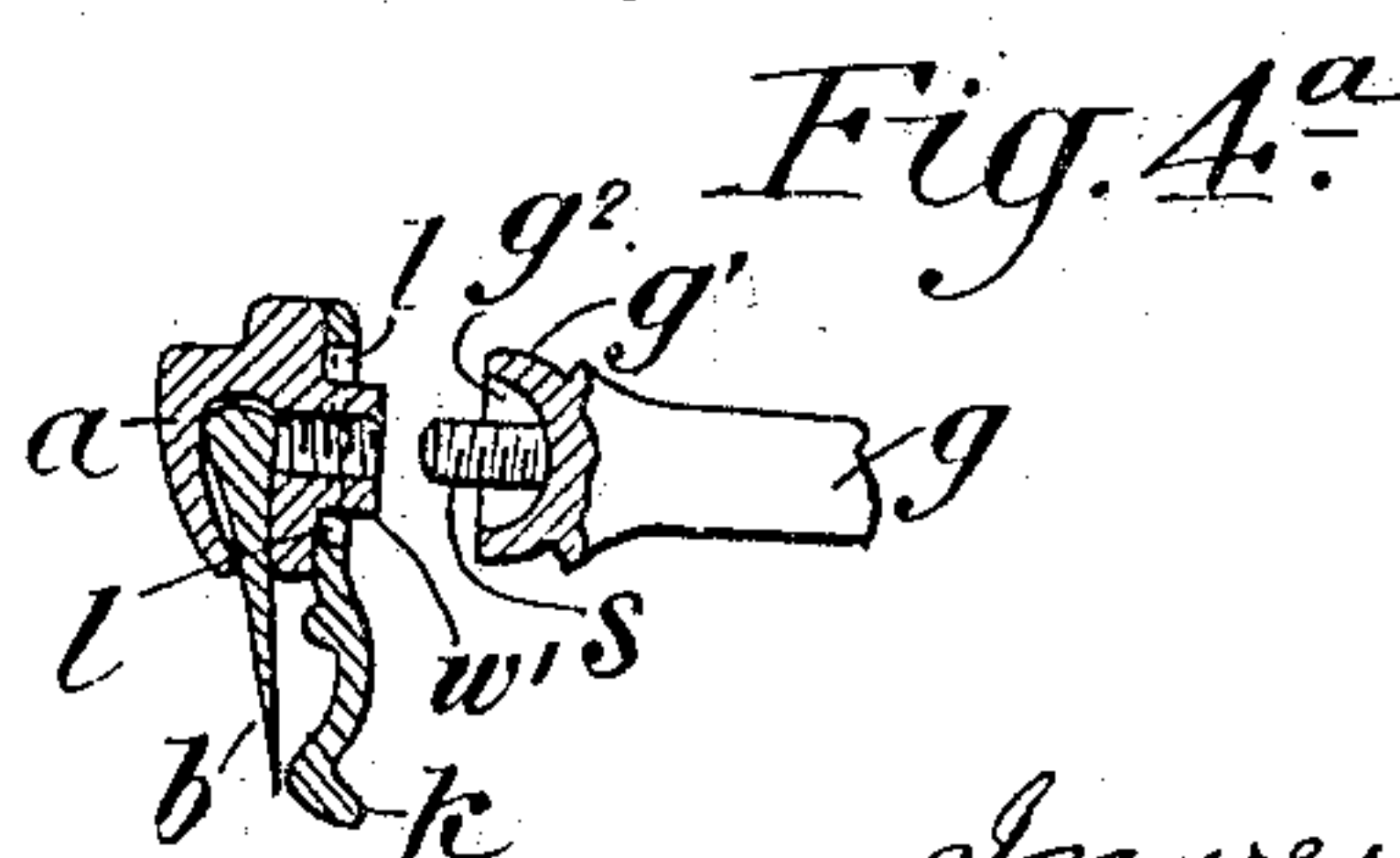
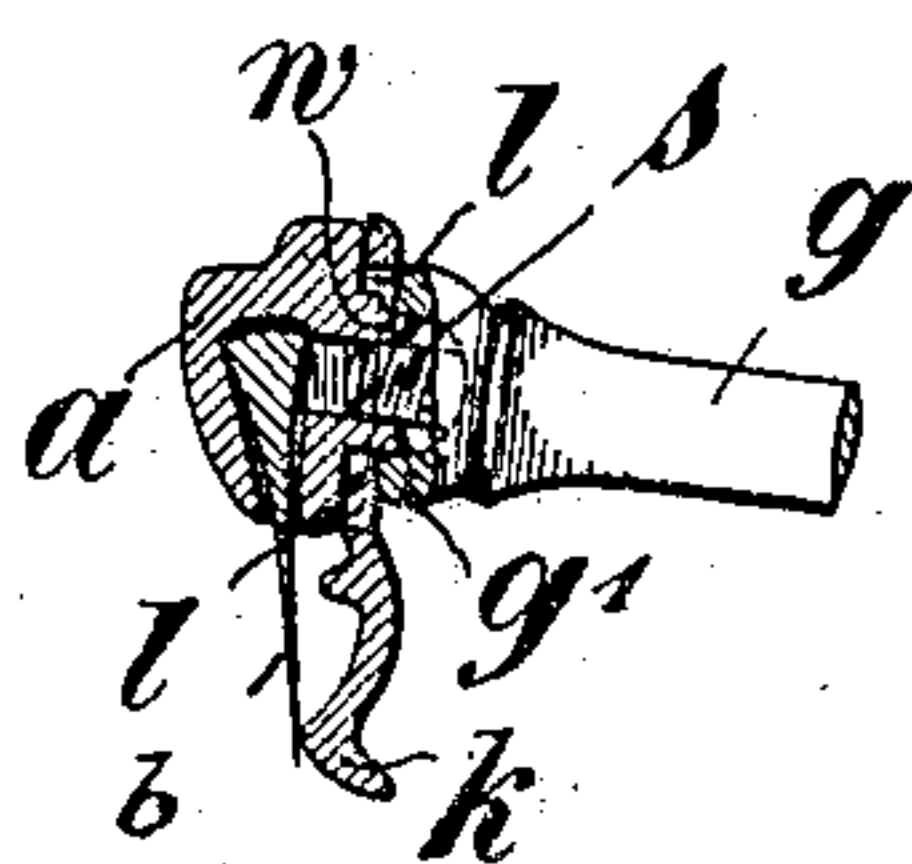
*FIG:2.*



*FIG:3.*



*FIG:4.*



Witnesses:  
Frederick Unpicht  
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# UNITED STATES PATENT OFFICE.

AUGUST MÜLLER, OF MERSCHIED, GERMANY.

## SAFETY-RAZOR.

SPECIFICATION forming part of Letters Patent No. 775,379, dated November 22, 1904.

Application filed February 16, 1904. Serial No. 193,811. (No model.)

*To all whom it may concern:*

Be it known that I, AUGUST MÜLLER, a citizen of Germany, residing at Merscheid, Germany, have invented new and useful Improvements in Safety-Razors, of which the following is a specification.

My invention relates to a safety-razor distinguished by the simplicity of its construction and the material of which its constituent parts, with the exception of the blade, are made. Its object is to provide a shaving instrument which has all the advantages of other safety-razors and is made of a cheap and at the same time durable material, avoiding an oxidation of the several parts and facilitating their cleaning.

Another object is to give it a construction rendering the setting and adjusting of the blade in the instrument very easy and simple.

In the accompanying drawings, Figure 1 is a side view of my improved safety-razor; Fig. 2, a top view thereof; Fig. 3, a rear view with the handle removed; Fig. 4, a cross-section on line A B, Fig. 3, showing the handle in position; and Fig. 4<sup>a</sup>, a similar section showing the handle detached.

The several constituent parts of the razor, with the exception of the blade, are made of a non-oxidizing material, such as hard rubber or any other suitable substance possessing elasticity and durability and easy to clean and not liable to rust or otherwise oxidize, even when the cleaning and wiping off has not been done with proper care. Moreover, such material is cheap and permits the manufacture of the instrument at a low cost.

The head *a* of the razor is provided with a tapering slot adapted for the reception of the blade *b*, the latter being held in position by

the elasticity of the material of which the said head *a* is made. An indented guard *k*, of india-rubber, is provided with a longitudinal upright slot *l*, through which projects a rearwardly-extending squared plug *w* of head *a*. This plug is provided with a threaded socket *w'*, which extends back of guard *k* and is engaged by a screw *s*, formed on end of handle *g*. The screw *s* is centered within a cup *g'* of handle *g*, so that an annular recess *g''* is formed between the cup and the screw which is adapted for the reception of socket *w'*.

When the parts are connected, the socket *w'* of plug *w* will enter recess *g''* of cup *g'* and the rim of the latter will bear against the guard *k*, so that the latter will be compressed and held fast. When it is desired to change the position of the parts, the handle is partly unscrewed, and then the guard may be moved up or down along the blade, such adjustment being possible owing to the play of the plug *w* within the slot *l*.

What I claim as my invention, and desire to protect by Letters Patent, is—

In a safety-razor, the combination of a head with a squared plug having a rearwardly-extending tapped socket, a slotted guard adapted to be engaged by the plug, and a handle having a cup adapted to bear against the guard, a screw centered within the cup and adapted to engage the socket, and an annular recess around the screw adapted to receive said socket, substantially as specified.

Signed by me at Düsseldorf, Germany, this 20th day of January, 1904.

AUGUST MÜLLER.

Witnesses:

WILLIAM ESSENWEIN,  
PETER LIEBER.