

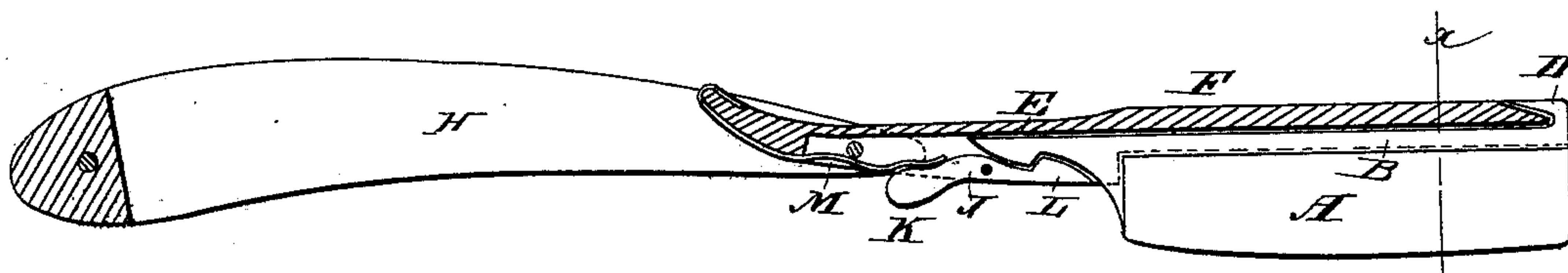
(Model.)

C. J. J. & P. C. SADLER.  
Razor.

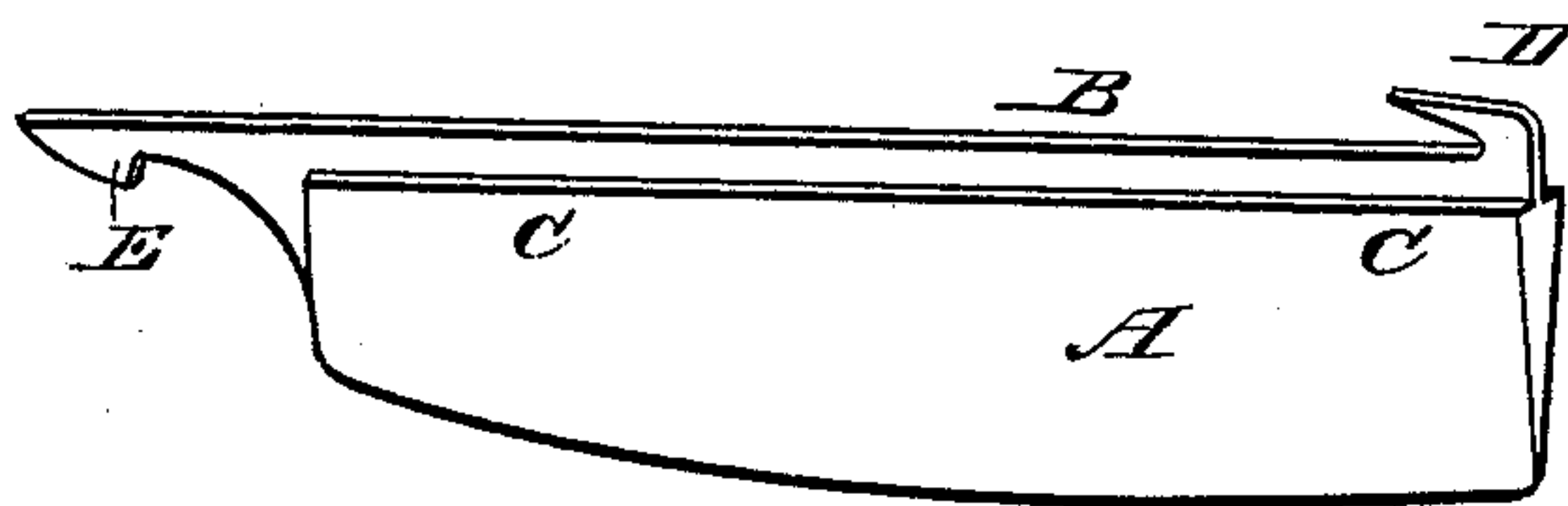
No. 234,070.

Patented Nov. 2, 1880.

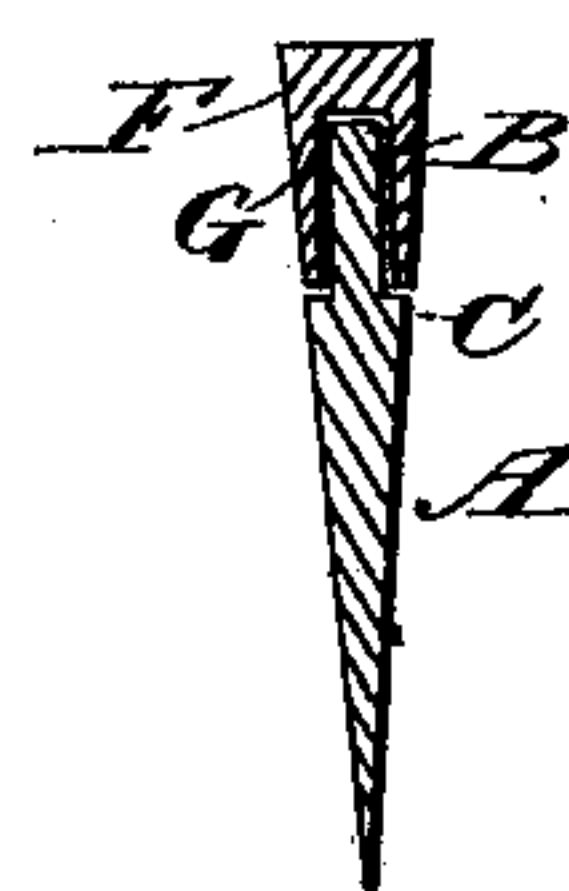
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

CHARLES J. J. SADLER, OF MILFORD, PENNSYLVANIA, AND PETER C. SADLER, OF NEW YORK, N. Y.

## RAZOR.

SPECIFICATION forming part of Letters Patent No. 234,070, dated November 2, 1880.

Application filed July 9, 1880. (Model.)

*To all whom it may concern:*

Be it known that we, CHARLES J. J. SADLER, of Milford, in the county of Pike and State of Pennsylvania, and PETER C. SADLER, of the city, county, and State of New York, have invented a new and Improved Razor, of which the following is a specification.

The object of our invention is to provide a new and improved razor which is simple in construction and provided with detachable blades which can be removed and replaced conveniently and rapidly.

In the accompanying drawings, Figure 1 is a longitudinal sectional elevation of our improved razor. Fig. 2 is a perspective view of the blade of the same. Fig. 3 is a cross-sectional elevation of the frame and blade on the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The razor-blade A is provided with a narrow longitudinal ridge, B, on its broad longitudinal edge or back C, which ridge terminates at the upper end in a hook, D, projecting toward the lower end of the blade, whereas the lower end of said ridge projects beyond the lower end of the blade A, and terminates in a beak, E, projecting toward the sharp edge of the blade A.

A metal frame, F, provided with a longitudinal groove, G, of the same width as the longitudinal ridge B, is pivoted to the handle H in the same manner as an ordinary razor-blade.

A catch, J, provided with a projection, K, at its lower end and a beak, L, at its upper end, is pivoted in the lower end of the groove G, and is acted upon by a spring, M, attached to the frame F in such a manner that the beak

L of the catch J engages with the beak E of the ridge B, thereby preventing the blade A from being separated from the frame F unless the catch J is disengaged.

Several blades must go with each frame, for the great advantage of our improved razor is that if one of the blades is blunted or damaged it can be removed rapidly and easily by pressing upon the projection K of the catch and then drawing the blade out of the groove G. A fresh sharp blade is then passed into the groove and is held by the catch J and the hook D.

We are aware that it is not broadly new to use detachable blades in razor-holders.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the longitudinally-grooved back frame, F, of the blade A, provided with a ridge, B, and hook D, and of the catch J and spring M, substantially as herein shown and described, and for the purpose set forth.

2. The razor-blade A, constructed substantially as herein shown and described, with a longitudinal ridge, B, terminating in the hook D, and beak E on the back, as set forth.

CHARLES JOHN JAMES SADLER.  
PETER C. SADLER.

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