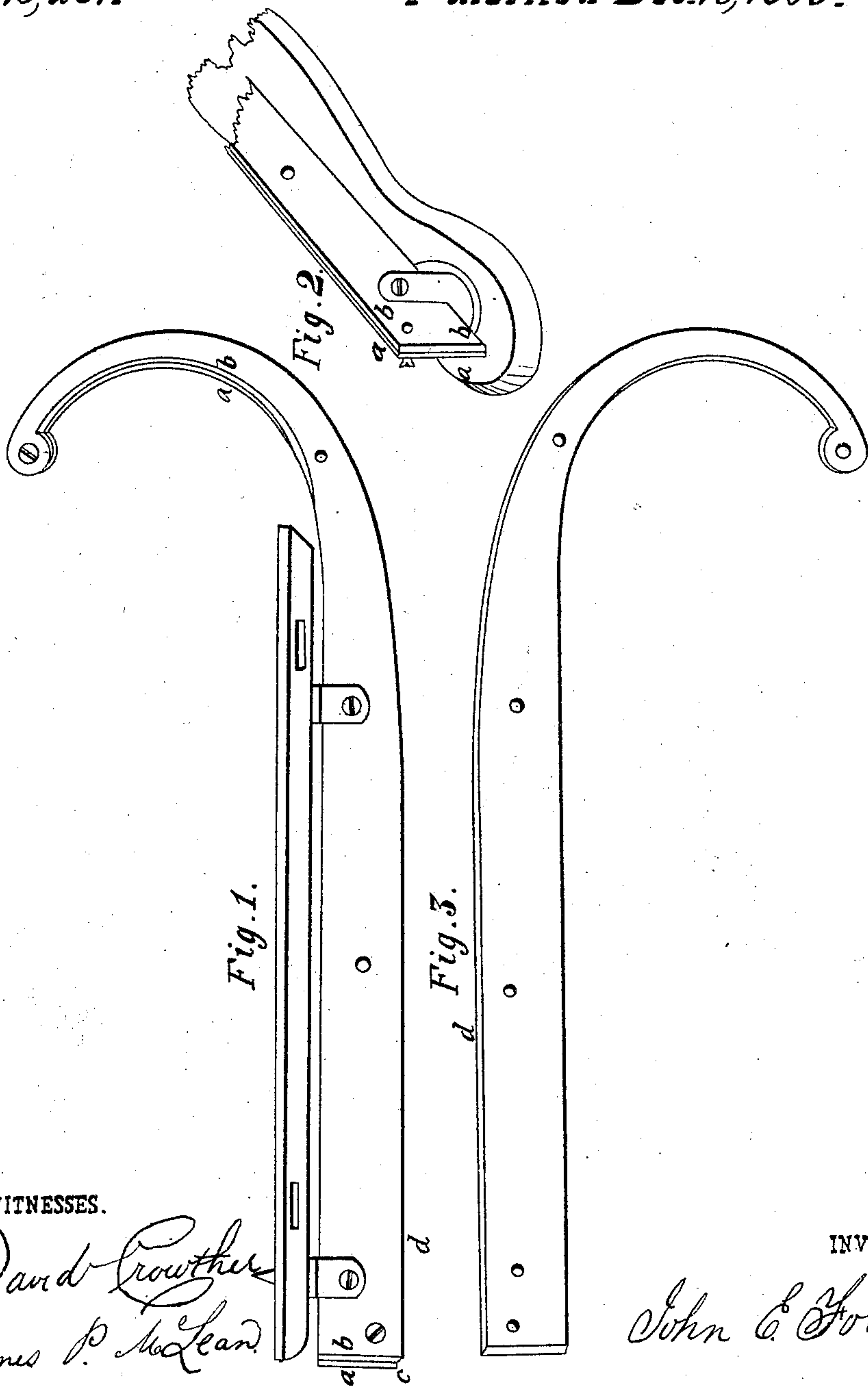


*J. E. Forbes,*

*Skate Runner.*

*N<sup>o</sup> 16,231.*

*Patented Dec. 16, 1856.*



WITNESSES.

*David Crowther*  
*James P. McLean*

INVENTOR.

*John E. Forbes.*

# UNITED STATES PATENT OFFICE.

JOHN E. FORBES, OF HOBOKEN, NEW JERSEY.

## SKATE.

Specification of Letters Patent No. 16,231, dated December 16, 1856.

*To all whom it may concern:*

Be it known that I, JOHN EDWIN FORBES, of Hoboken, in the county of Hudson and State of New Jersey, have invented  
5 a new and Improved Method of Constructing Skate-Irons; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the annexed drawing, which are lettered  
10 to correspond with and form a part of this specification.

The nature of my invention is the improved method of forming the skate-irons, or runners, in two parts (*a*, and *b*,) Figures 1, and 2, in such a manner that they  
15 may be separated (vertically) in order to sharpen them upon a grinding stone or its equivalent, so that the lower edges or bottom of the runner or iron (*c*, and *d*,) Figs.  
20 1 and 3 is perfectly smooth and sharp which is very essential for skating purposes, particularly for children, ladies, and others who are not accustomed to practice the art of skating.

25 The usual method of sharpening skate irons is to use a round file which is a very laborious and irksome task and of little or

no benefit to a steel skate and very little improvement to the softest iron runner; but by my plan of construction I am enabled to produce a skate that may be kept  
30 in perfect working order with little or no expense to the owner.

I do not confine myself to common iron skate alone but steel blades or runners may  
35 be successfully used until they are entirely worn out, which is not the case with the skates that are in common use for they cannot be kept sharp, consequently are  
40 abandoned.

Therefore what I claim as my invention and desire to secure by Letters Patent of the United States, is—

Forming the iron or runner of two parts or plates (*a*, and *b*,) for the purpose and  
45 in the manner substantially as described, and shown in the drawings.

In testimony whereof I hereunto subscribe my name in the presence of two witnesses.

JOHN EDWIN FORBES.

Witnesses:

DAVID CROWTHER,  
JAMES P. McLEAN.