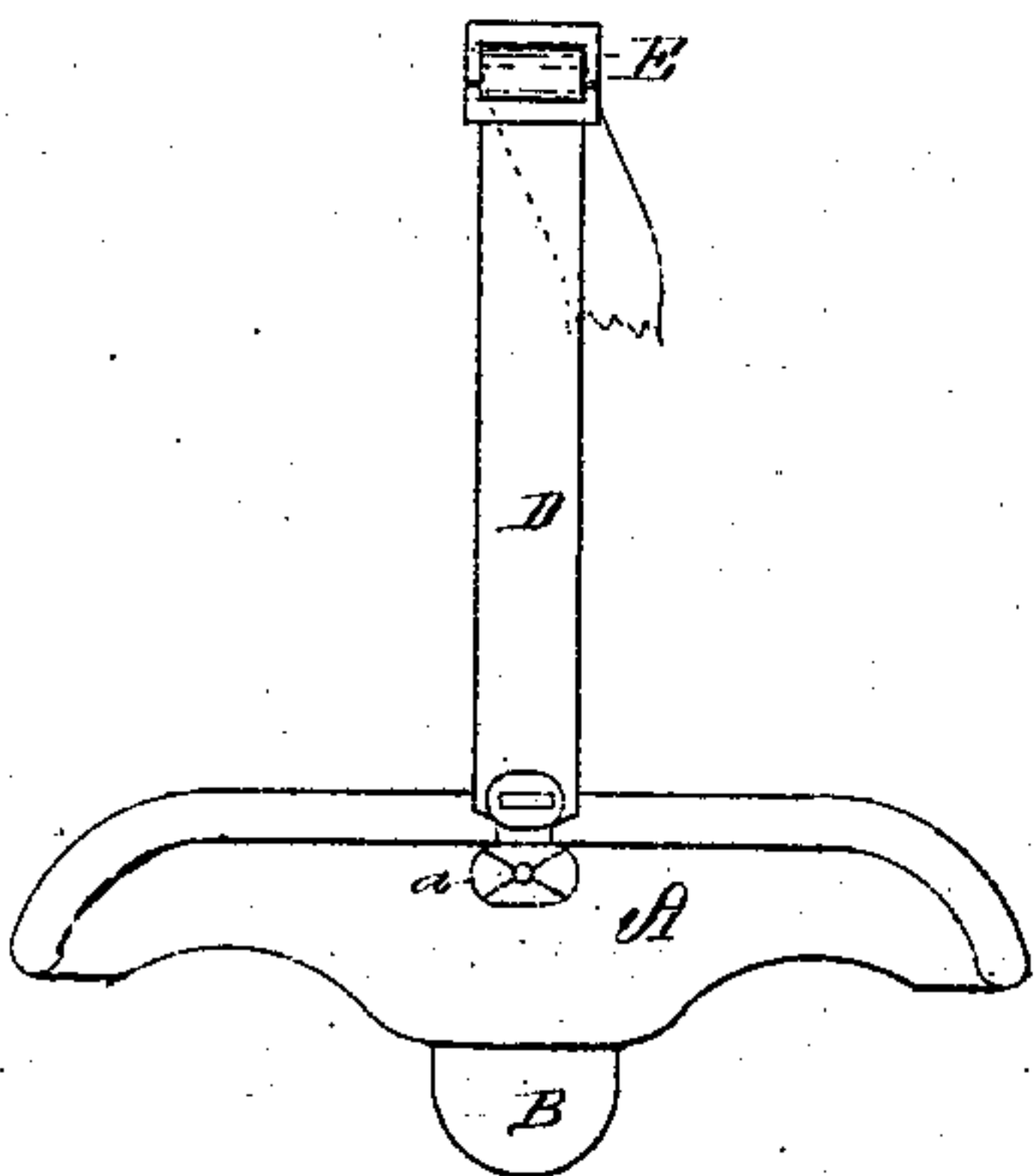


*H. F. Cristy,  
Hand Support.*

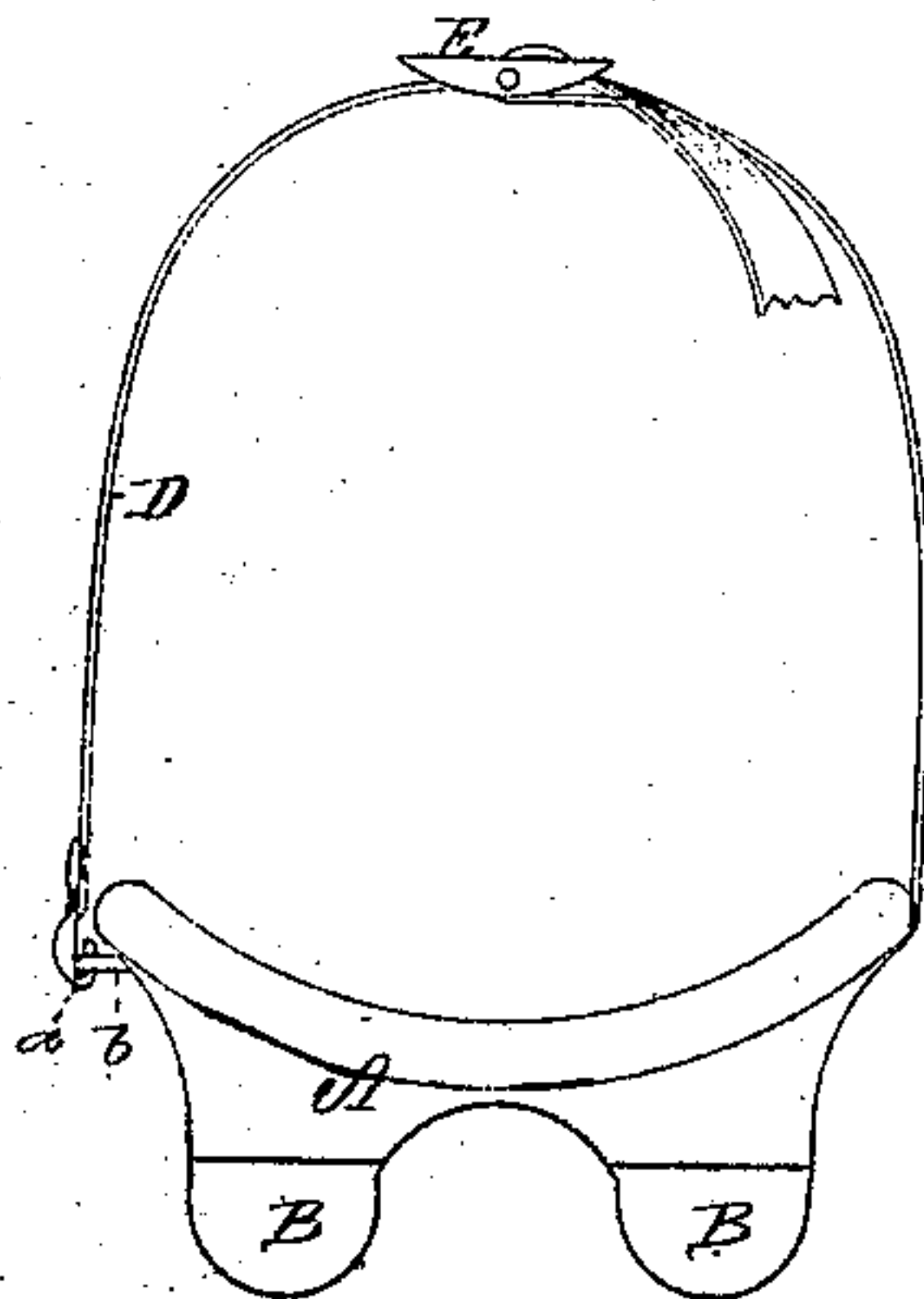
*No. 103,991.*

*Patented June 7, 1870.*

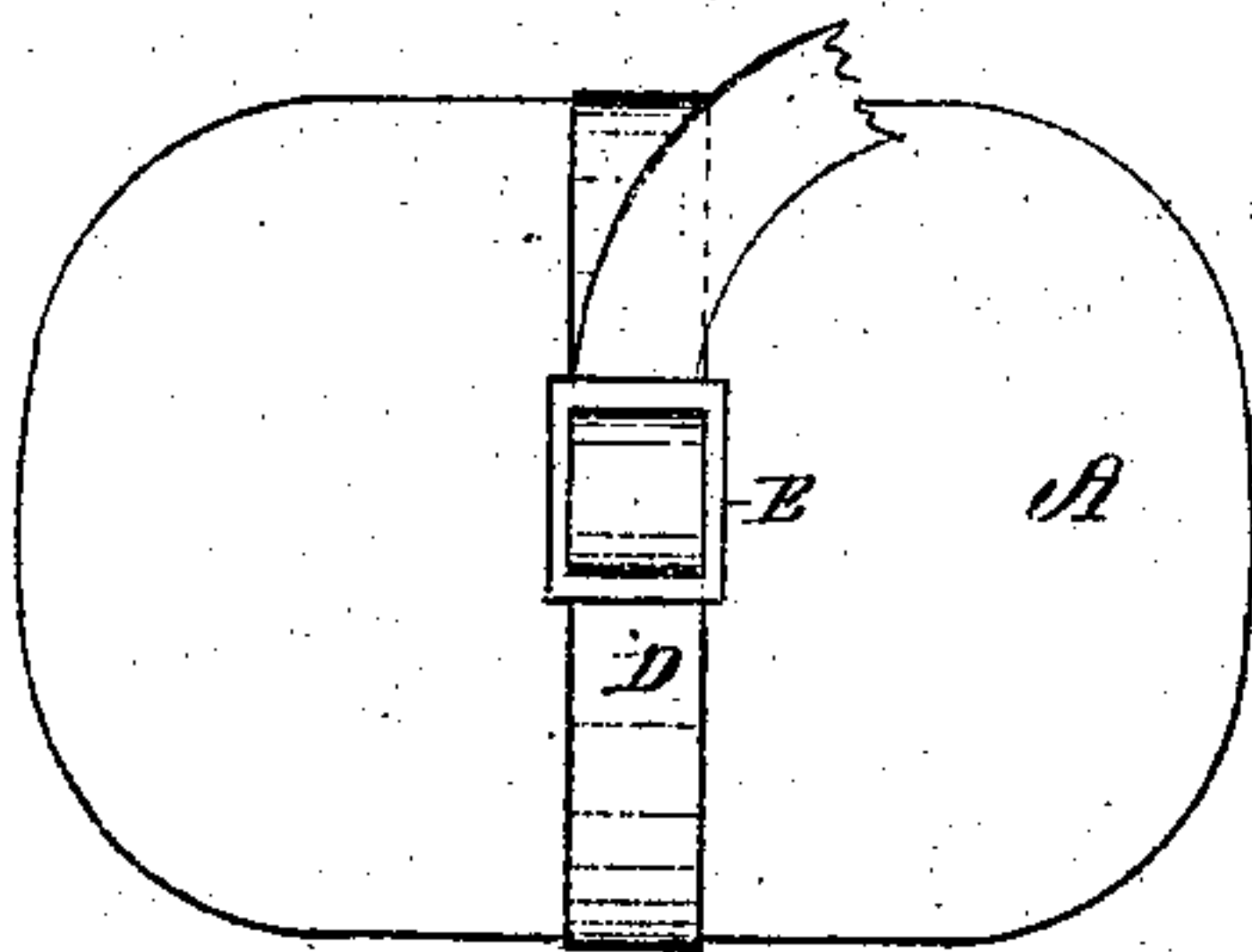
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses

S. Speed.

T. L. Lane

Henry F. Cristy

by his attorney

J. P. Hale.

# UNITED STATES PATENT OFFICE.

HENRY F. CRISTY, OF CHARLESTOWN, MASSACHUSETTS.

## IMPROVEMENT IN PENMEN'S WRIST-SUPPORTERS.

Specification forming part of Letters Patent No. **103,991**, dated June 7, 1870.

*To all whom it may concern:*

Be it known that I, HENRY F. CRISTY, of Charlestown, in the county of Middlesex and State of Massachusetts, have invented an improved wrist-supporter or device for supporting the wrist of a person while engaged in writing; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 denotes a side elevation, Fig. 2 an end elevation, and Fig. 3 a top view, of my said invention.

It is a fact well known to those accustomed to the use of a pen that the act of writing, if long continued, always produces more or less weariness of the wrist, and that novices or those just commencing to learn the art experience this difficulty in a great degree.

To obviate this evil is the object of my invention, which consists in arranging upon the under face of the wrist-plate, and at equal distances from a line drawn centrally and longitudinally thereof, two rigidly-fixed studs or pivots having convex bearing surfaces, which, while affording a support to the wrist and allowing it to move freely, will cause but little friction while sliding over the surface of the paper.

In the said drawings, A denotes the body of the supporter, which is to be made of wood or any other suitable material, the same being covered with velvet, felt, cloth, or any other soft and proper fabric. The said body portion I usually make about two inches and a half in length by two in breadth, the ends thereof being rounded. Furthermore, the upper surface of the said body is curved transversely to fit the shape or curved form of the wrist.

On the bottom or convex surface of the part A there are arranged two round or semi-spherical studs or projections, B B, which are firmly attached to the said part A.

Instead of the two studs B B, disposed on opposite ends of the center of the part A, one may be employed, in which case it should be arranged directly at the middle of the under surface of the part A; but this I do not consider as good an arrangement, as it gives to the wrist too much pivotal action, whereas the arrangement of the two studs, as represented, while it permits a sufficient freedom of the wrist, supports it more equably and prevents the arm from tipping while being moved laterally.

The said device so constructed is to be confined to the wrist of a person by means of an elastic band, D, one end of which is fastened to one side of the part A, while the other is provided with a hook, *a*, to catch into an eye or staple, *b*, disposed on the opposite side thereof. The said band is also furnished with a buckle, E, by which the former may be adjusted to fit wrists of different sizes.

I do not claim, broadly, a wrist-supporter irrespective of its construction, as I am aware that such is not new.

I claim—

My improved wrist-supporter, as described, the same consisting of the body part or plate A, provided with two rigidly-fixed studs or projections having convex bearing surfaces, and the adjustable band D, constructed, combined, and arranged together in manner and for the purpose set forth.

HENRY F. CRISTY.

Witnesses:

F. P. HALE,

C. S. CROWNINSHIELD.