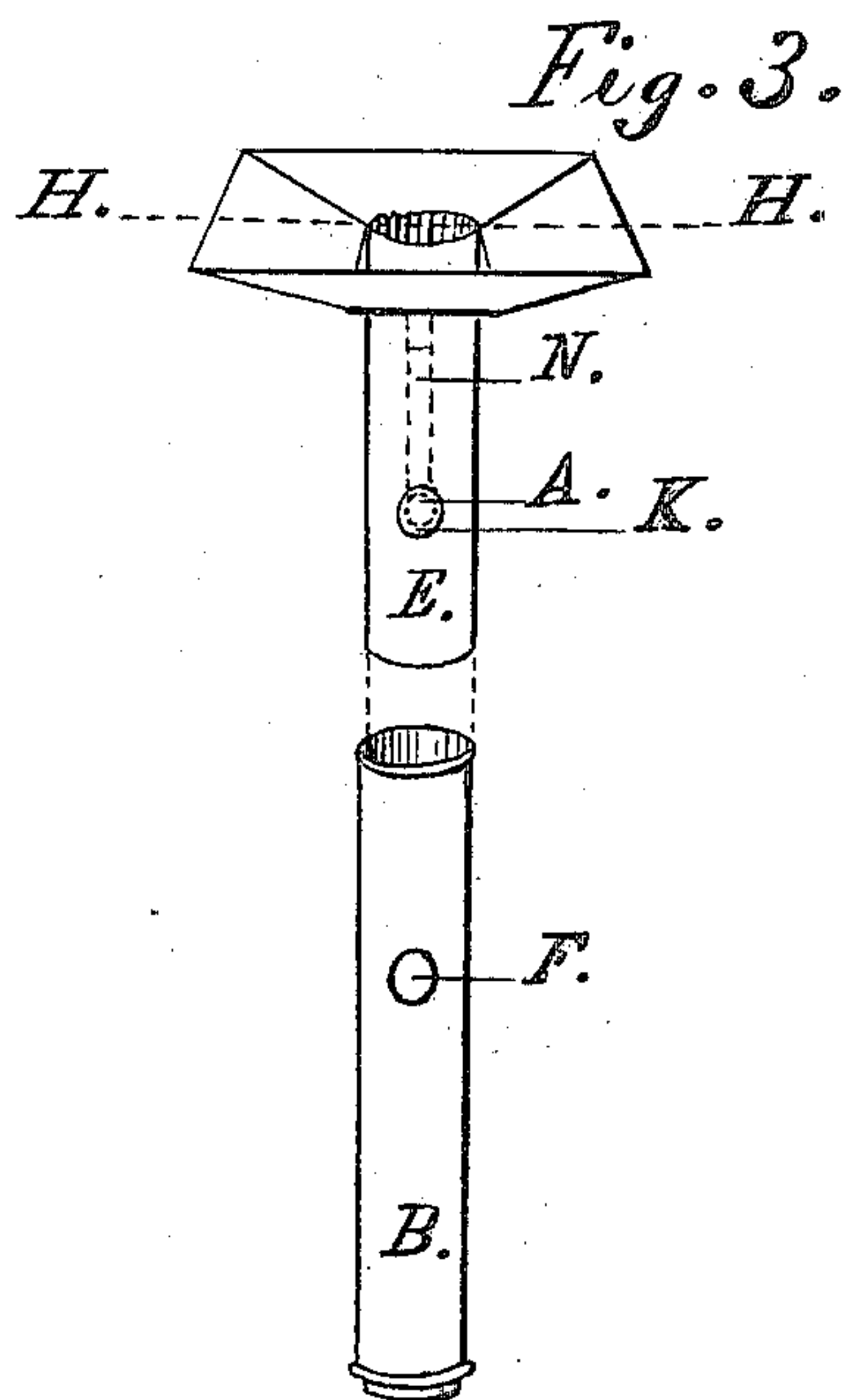
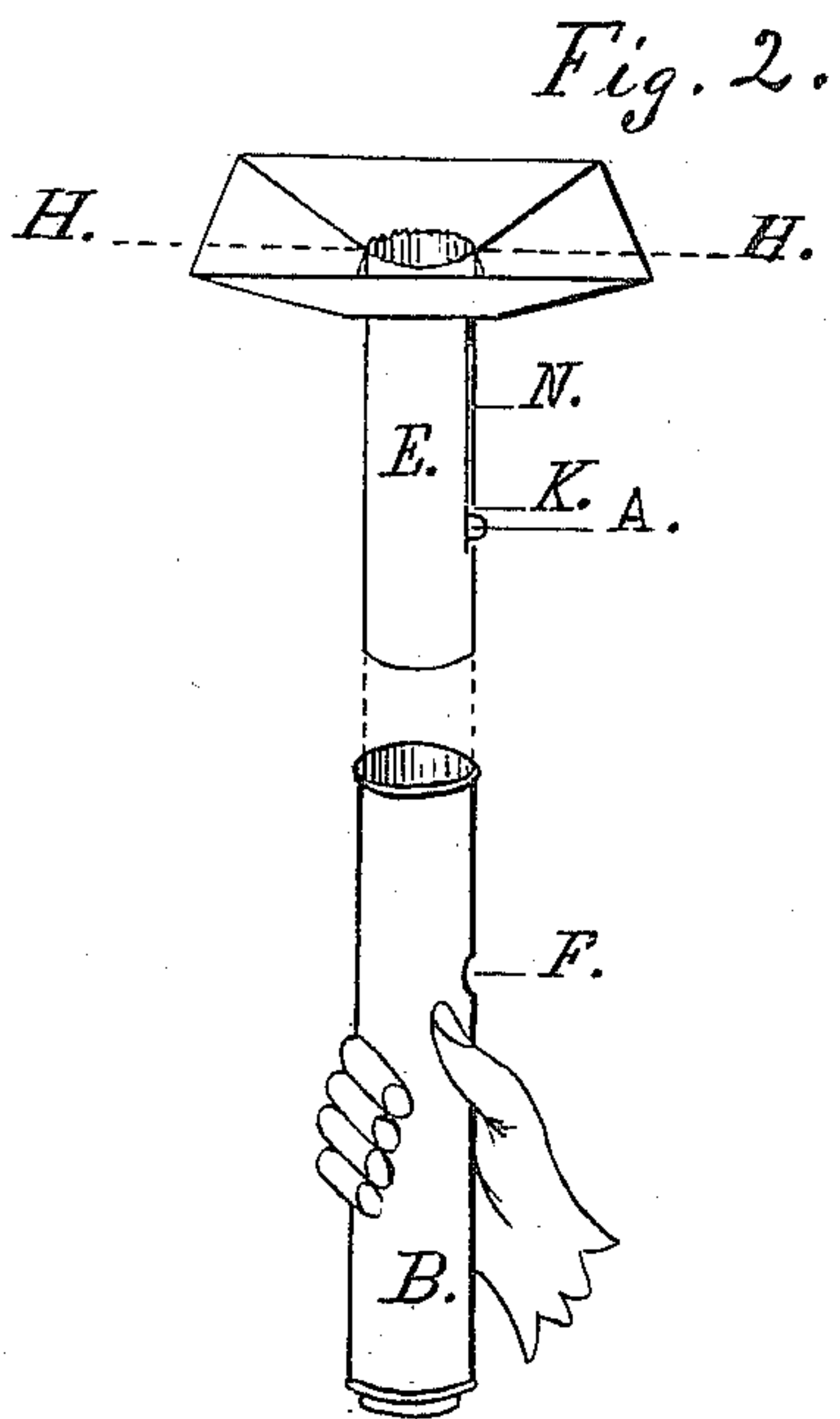
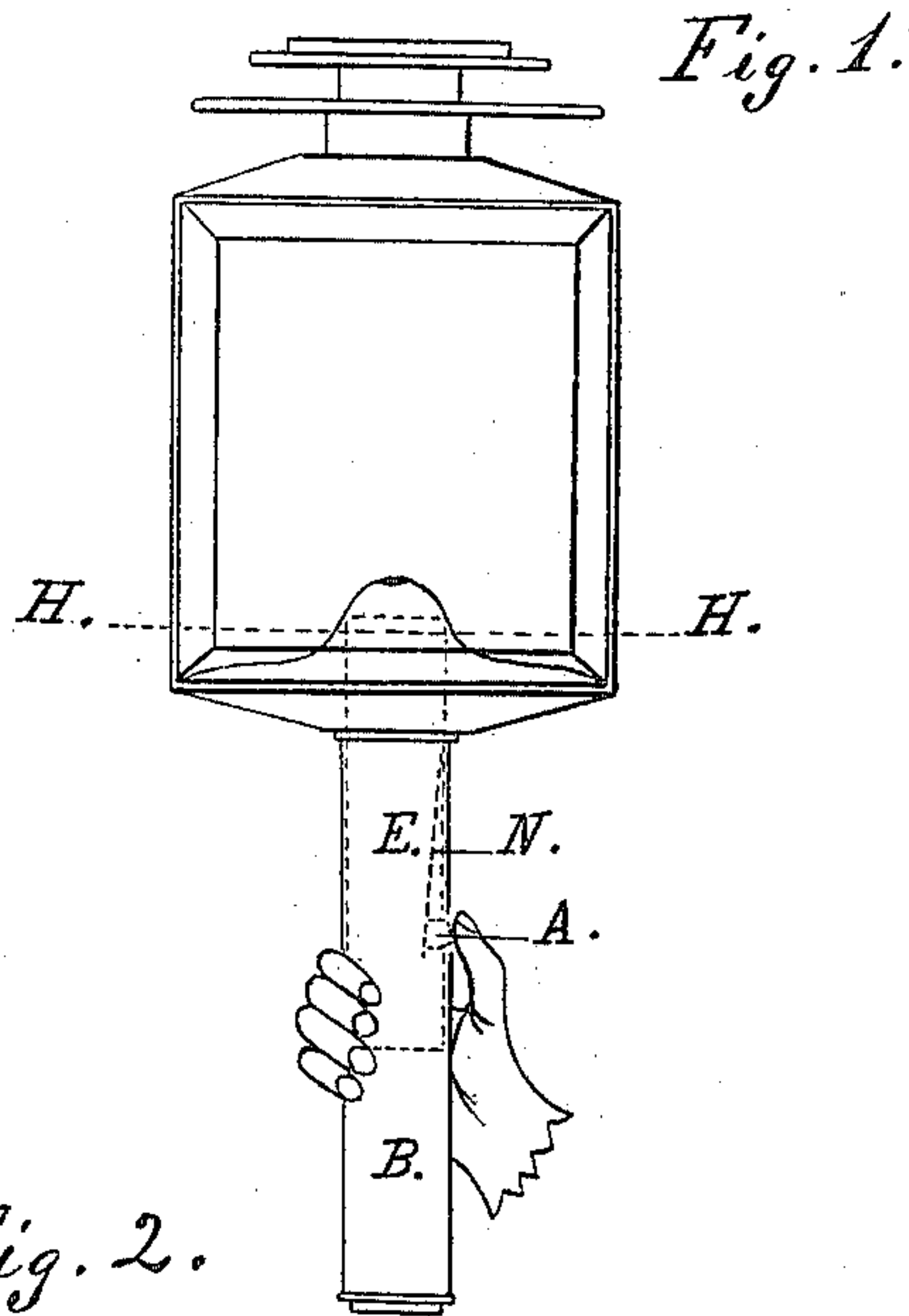


J. A. HOWELL.
CARRIAGE-LAMP.

No. 172,441.

Patented Jan. 18. 1876.



WITNESSES;
William H. Ingraham
Edward S. Johnson

INVENTOR;
John Almer Howell

UNITED STATES PATENT OFFICE.

JOHN A. HOWELL, OF CLINTON TOWNSHIP, ESSEX COUNTY, ASSIGNOR OF
THREE-FOURTHS HIS RIGHT TO C. N. LOCKWOOD & CO., OF NEWARK, N. J.

IMPROVEMENT IN CARRIAGE-LAMPS.

Specification forming part of Letters Patent No. **172,441**, dated January 18, 1876; application filed
October 14, 1875.

To all whom it may concern:

Be it known that I, JOHN ALMER HOWELL, of Clinton township, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Carriage-Lamps, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

My invention relates to carriage-lamps in which the candle-socket is usually fastened to the lamp in such a manner that it may be detached for inserting the candle.

Figure 1 is a perspective view of my invention. The remaining figures illustrate the parts more in detail. Fig. 2 represents a side view of the invention. Fig. 3 is a plan view of the same.

The object of my invention is to furnish, by the combination, in a carriage-lamp, of a spring, N, and button A, in the form of a catch fastened inside of the stationary socket E, and orifices K and F, as shown in Figs. 1, 2, and 3, a more simple and sure method of attaching and detaching the socket B than any heretofore in use.

To attach the socket B, it is simply necessary to slide it on the stationary socket E, and place the orifice F directly over the button A,

which will spring out and hold it secure in its place. The spring N will allow the socket B to force the button A flush with the stationary socket E, and to slide over it.

By pressing on the button A, as shown in Fig. 1, the socket B may be detached, as shown in Fig. 2.

It will be evident that the spring N and the button A may project below the stationary socket E, dispensing with the orifice K with the same result; or the spring may be fastened inside the socket B, which may be made to slide inside, instead of outside, of the stationary socket E.

I usually solder the spring N to the socket, but it is obvious it may be fastened in other ways.

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

The combination, in a carriage-lamp, of a spring, N, and button A with the orifices K and F, substantially as described, and for the purposes specified.

JOHN ALMER HOWELL.

Witnesses:

WILLIAM H. INGRAHAM,
EDWARD S. JOHNSON.