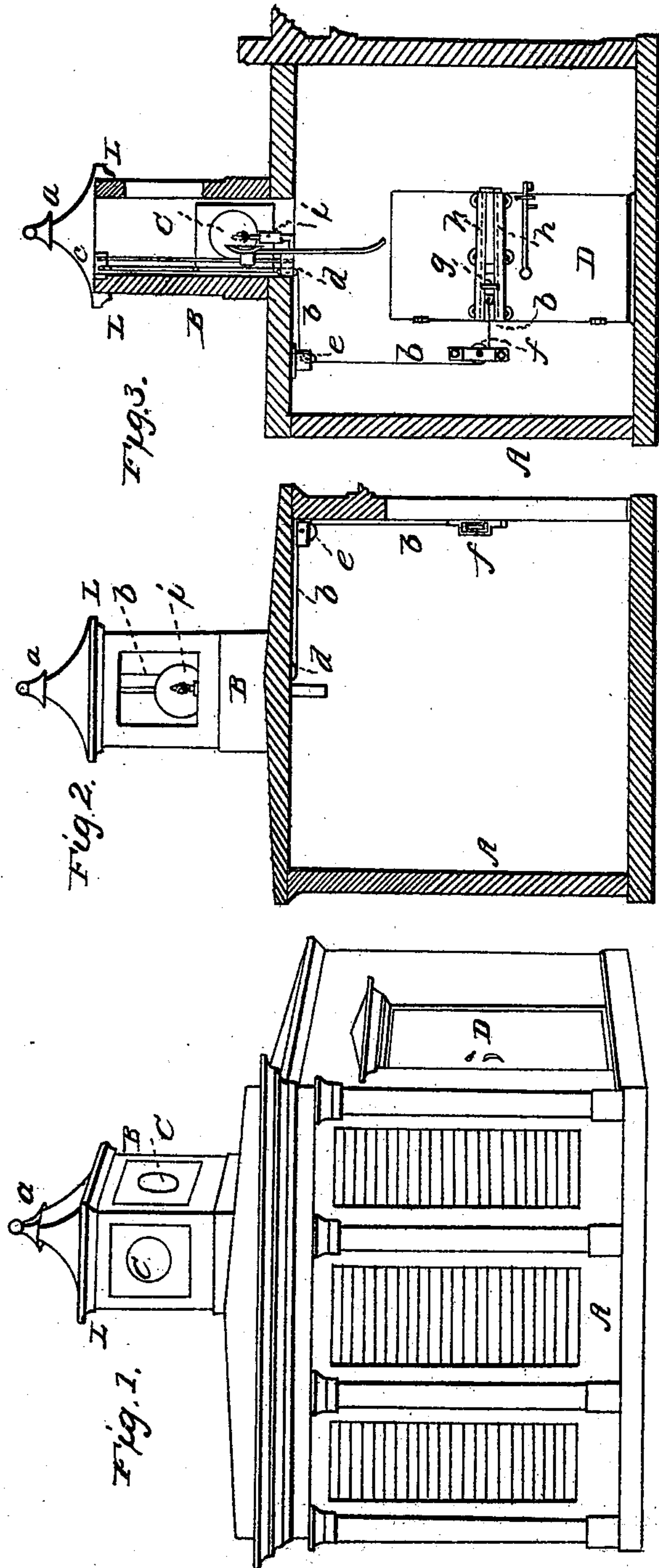


I. H. DOUGHTY.

Privy Signal.

No. 6,722.

Patented Sept. 18, 1849.



UNITED STATES PATENT OFFICE.

I. H. DOUGHTY, OF NEW YORK, N. Y.

SIGNAL FOR PRIVIES.

Specification of Letters Patent No. 6,722, dated September 18, 1849.

To all whom it may concern:

Be it known that I, I. H. DOUGHTY, of the city, county, and State of New York, have invented a new and useful Privy-Signal; and I do hereby declare that the following is a full and accurate description thereof, reference being had to the annexed drawings, which form a part of this specification, and of which—

Figure 1, is a perspective view of the privy, showing the signal up. Fig. 2, is a vertical transverse section. Fig. 3, is a vertical longitudinal section.

Similar letters of reference indicate the same parts.

The nature of my invention consists of the arrangement of a signal on a privy in combination with a bolt for fastening the door on the inside, so that the act of fastening the door with the bolt raises the signal in a cupola on the top of the privy and gives notice to persons outside that it is occupied, thereby saving the trouble occasioned by going to a privy and finding it already occupied.

To enable others to understand and use my invention, I will now describe its construction and operation.

On the top of the privy, A, I build a cupola or sky light, B, which serves the double purpose of a ventilator, being properly perforated with holes under caps *a* and L on the top, which shuts out the rain while the egress of the foul air is permitted, and of an inclosure and station for the signal, as shown in Fig. 1. The cupola is glazed on one or more sides, and in it I fix a sliding signal, C, which I make of a box form that fits inside of the cupola, though the particular form of this arrangement is not essential, and it may be varied as desired. The signal is painted on the side or sides next the window or windows in the cupola,

in any manner that may serve as a signal. It is suspended by a cord, *b*, which passes up to and over a pulley, *c*, in the upper part of the cupola, and thence down to a pulley, *d*, thence along the ceiling of the privy to a pulley, *e*; and thence down to a pulley, *f*, near the middle and back of the door, D, after passing over which it is fastened to a bolt, *g*, on the door, by which the door is secured on the inside. The bolt, *g*, slides between two strips, *h*, *h*, across the door, and fastens in the usual way on the side of the door frame, as shown in Fig. 3.

When the bolt, *g*, is drawn back, the signal falls below the window or windows in the cupola, and when it is fastened by the person in the privy, the signal is raised, thus giving notice outside that the privy is occupied, which is the design of this arrangement.

For a night signal I hang a lamp, *i*, Figs. 2 and 3, so that when the signal is raised notice is given of the occupancy of the privy by the light being hid behind it, or by a partial admission of it only through the signal, which is a plan that may be adopted. When the signal is down the light of the lamp shines through the window or windows of the cupola and serves the useful purpose of lighting the yard.

The signal may be adapted to a privy of more than one apartment.

Having thus explained my invention, I claim—

The combination of the signal with the bolt of the door of the privy to operate the signal in the manner set forth, by the bolting and unbolting of the door.

I. H. DOUGHTY.

Witnesses:

S. H. WALES,
W. W. THOMPSON.