

J. G. Miller
Indicator.

N^o 19,646.

Patented Mar. 16, 1858.

Fig. 2.

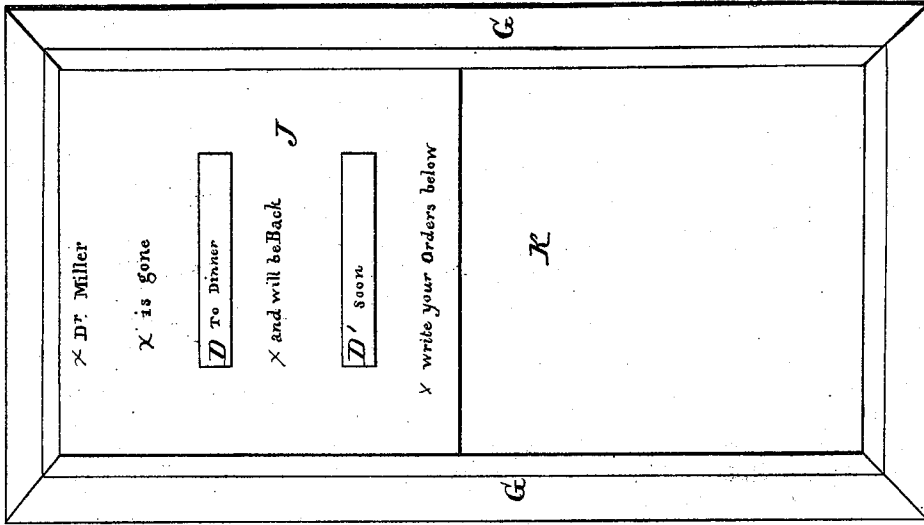
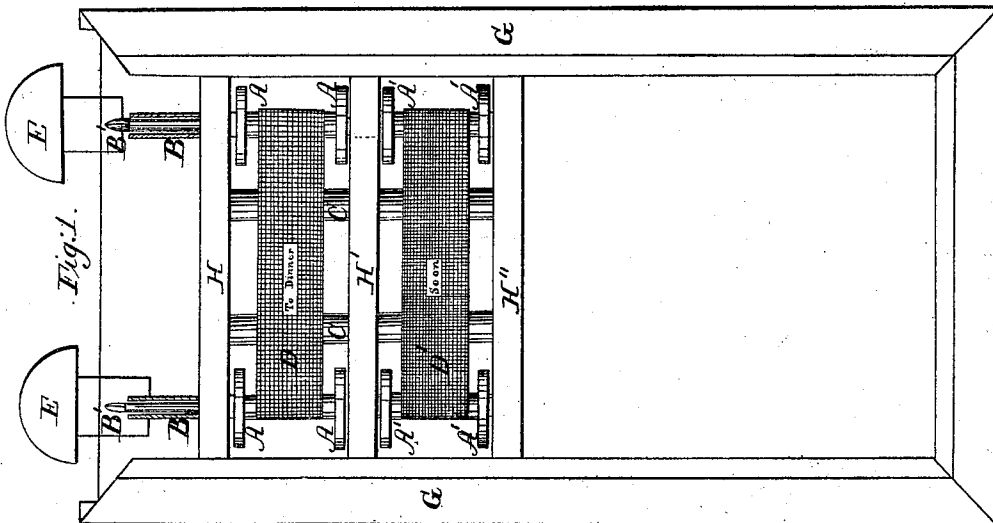


Fig. 1.



UNITED STATES PATENT OFFICE.

JNO. G. MILLER, OF SWANTON, MARYLAND.

DOOR-REGISTER.

Specification of Letters Patent No. 19,646, dated March 16, 1858.

To all whom it may concern:

Be it known that I, JNO. G. MILLER, of Swanton, in the county of Allegany and State of Maryland, have invented certain new and useful Improvements in Door-Registers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in the arrangement of certain devices for the purpose of forming a register for doors the peculiarities of which will be hereinafter described.

In order that those skilled in the arts may construct and use my invention I will proceed to describe its construction and operation.

In the accompanying drawings which make a part of this specification it will be seen that G, represents the frame of the register.

H, H', H'', are cross bars in which the rollers and shafts have their bearings and by which they are kept in place.

B, B are hollow shafts and have their bearings in the cross piece H'.

A, A, are spools secured to the shafts, B, B.

B' B' are small shafts which pass through B, B, and have their bearings in the cross-piece H''.

A', A', are spools secured to the lower extremity of the shafts B' B'.

D, is a piece of canvas one end of which is secured to one of the spools A and the other end being secured to the other spool A. D' is a piece of canvas secured in like manner to the spools A', A'.

C C are rollers having their bearings in H, and H'', passing through H' and are for the purpose of assisting the canvas to move readily from one side to the other.

E, is a key which is intended to operate the shafts A, A, and F, is a key intended to operate the shafts B' B'.

In Figure 2 G is the frame of the register. J, is a stationary plate or face with the stationary inscriptions marked on it which it will be seen are indicated by the marks, *x, x, x, x*. K, is a slate secured in the frame below the plate J, for the purpose of writing orders upon.

Fig. 1 represents the internal arrangement of the register and Fig. 2, represents the register complete the plate J and the slate, K shutting out the internal arrangement from view.

In the operation of this invention the canvas D', D', having the inscriptions seen in the drawings printed upon them are secured to their respective spools.

Then the face plate J, and slate K being secured in position the keys E, and F, are made to operate the shafts, B, B, and B', B' in either direction it may be desired thus bringing the inscriptions so that they will appear through the apertures in face plate J, seen in Fig. 2. These pieces of canvas D, and D' may have any number of inscriptions printed upon them and by turning the shafts B, B, and B', B', as it may be desired any direction may appear on the register which the operator may deem necessary.

It will be seen that the canvas D, has inscriptions on it to tell where the party operating it is gone and the inscriptions on the canvas D' are for the purpose of telling when the party will return. The inscriptions on the plate J, always remain the same with the exception of the first one which is the name of the party owning the register and is made to change accordingly. The indications on the canvas are made to suit the place where they are used. Any number may be printed upon them but are as many as will be necessary in ordinary cases.

I do not claim the employment of the spools or the rollers or the canvas for this purpose as these have been used before; but

What I do claim is—

The peculiar arrangement of the spools, A, A', and shafts B, B', with the rollers, C C, and canvas D D', substantially as set forth and these in combination with the face of stationary inscriptions and the slate as herein fully described.

JNO. G. MILLER.

Witnesses:

C. M. ALEXANDER,
CHARLES ALEXANDER.