

No. 716,444.

Patented Dec. 23, 1902.

J. C. LOOK.  
MOP HEAD.

(Application filed May 5, 1902.)

(No Model.)

Fig. 1.

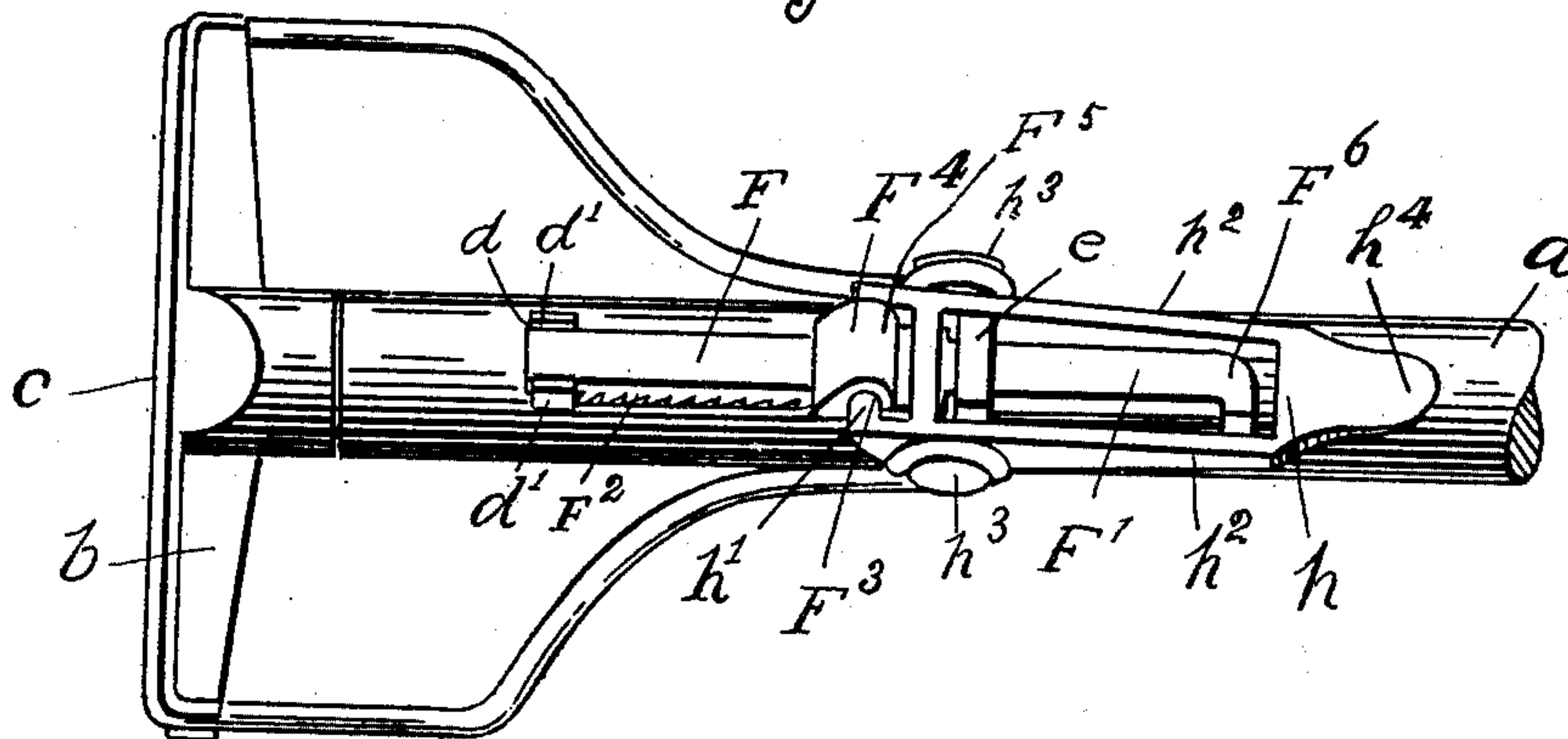
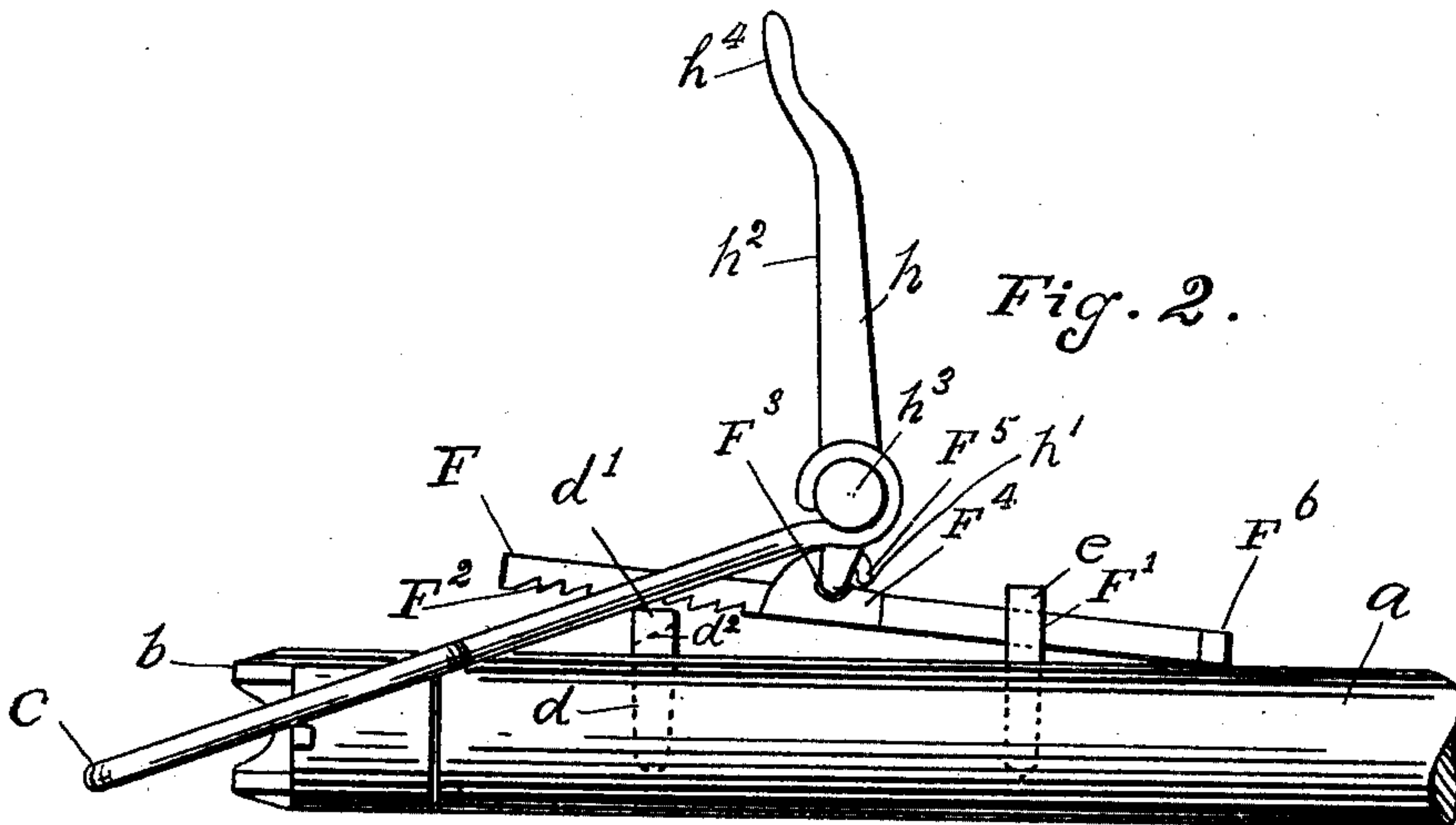


Fig. 2.



WITNESSES:

K. Lockwood-Merino,  
Benjamin Gorfinkel

INVENTOR.

John C. Look.

# UNITED STATES PATENT OFFICE.

JOHN C. LOOK, OF TUDOR, CALIFORNIA.

## MOP-HEAD.

SPECIFICATION forming part of Letters Patent No. 716,444, dated December 23, 1902.

Application filed May 5, 1902. Serial No. 106,021. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN C. LOOK, a citizen of the United States, residing at Tudor, county of Sutter, State of California, have invented  
5 a new and useful Improvement in Mop-Heads, of which the following is a specification.

The object is to provide a simple ratchet-and-lever device for tightening the clamp on the mop-cloth. The device consists of a  
10 catch located on the handle, a movable ratchet-bar having a series of teeth engaging the said catch, means for retaining said ratchet-bar on the handle, and a lever attached to said  
15 ratchet-bar, and the clamp device attached to the said lever.

In the drawings, Figure 1 is a perspective view of the mop-head in the closed position. Fig. 2 is a side view in the open position.

The handle *a*, the clamp-head *b*, and the  
20 clamp-wire *c* are all of a usual pattern. On the handle *a* is located the catch *d*, said catch having upwardly-projecting sides *d'* *d'*, forming guides with the catch between, as seen in dotted line *d''*, Fig. 2. Farther along is lo-  
25 cated the retainer *e*, having an eye through it, preferably square. The ratchet-bar *F* has a part *F'* passing through the retainer *e* and another part *F''*, having the ratchet-teeth, and between the two at *F'''* is attached the  
30 lever *h*, it being pivoted in the box *F<sup>4</sup>* by closing the apron *F<sup>5</sup>* over the fulcrum-bar *h'*. The part *F'''* is of the same width as the retainer *e* on the outside.

The lever *h* is slotted in its length, having

parallel bars *h<sup>2</sup>* *h<sup>2</sup>* for operating over the re- 35  
tainer *e*. *h<sup>3</sup>* *h<sup>3</sup>* are lugs for attaching the clamp device *c*.

The ratchet-bar is placed in the retainer *e* by giving it a turn around the bend at *F<sup>6</sup>*, and after the clamp device is attached the ratchet- 40  
bar is held parallel with the handle and the bend *F<sup>6</sup>* prevents it from being pulled out.

The operation is as follows: The device being closed, as in Fig. 1, the lever is grasped by the end *h<sup>4</sup>* and raised to the position shown 45  
in Fig. 2. This releases the clamp device and at the same time releases the ratchet-bar from the catch *d*, but is held in the retainer *e*. The mop-cloth is then inserted, the ratchet-bar placed in the catch at the notch suitable to 50  
the size of the mop-cloth, and the lever put down, as in Fig. 1. The draft on the lugs *h<sup>3</sup>* *h<sup>3</sup>* is then below the pivot-bar *h'* and the lever is held to the handle.

Having described my invention, what I 55  
claim as new, and desire to secure by Letters Patent, is—

In a mop-head, a handle provided with a clamp-head and with a catch, a ratchet-bar having a series of teeth and movable along 60  
the handle and engaging the catch, means for retaining said ratchet-bar on the handle, a lever pivoted to said ratchet-bar and a clamp device pivoted to the lever.

JOHN C. LOOK.

Witnesses:

K. LOCKWOOD NEVINS,  
BESSIE GORFINKEL.