

W. F. Hill,  
Sash Holder.

N<sup>o</sup> 54,158.

Patented Apr. 24, 1866.

Fig. 1.

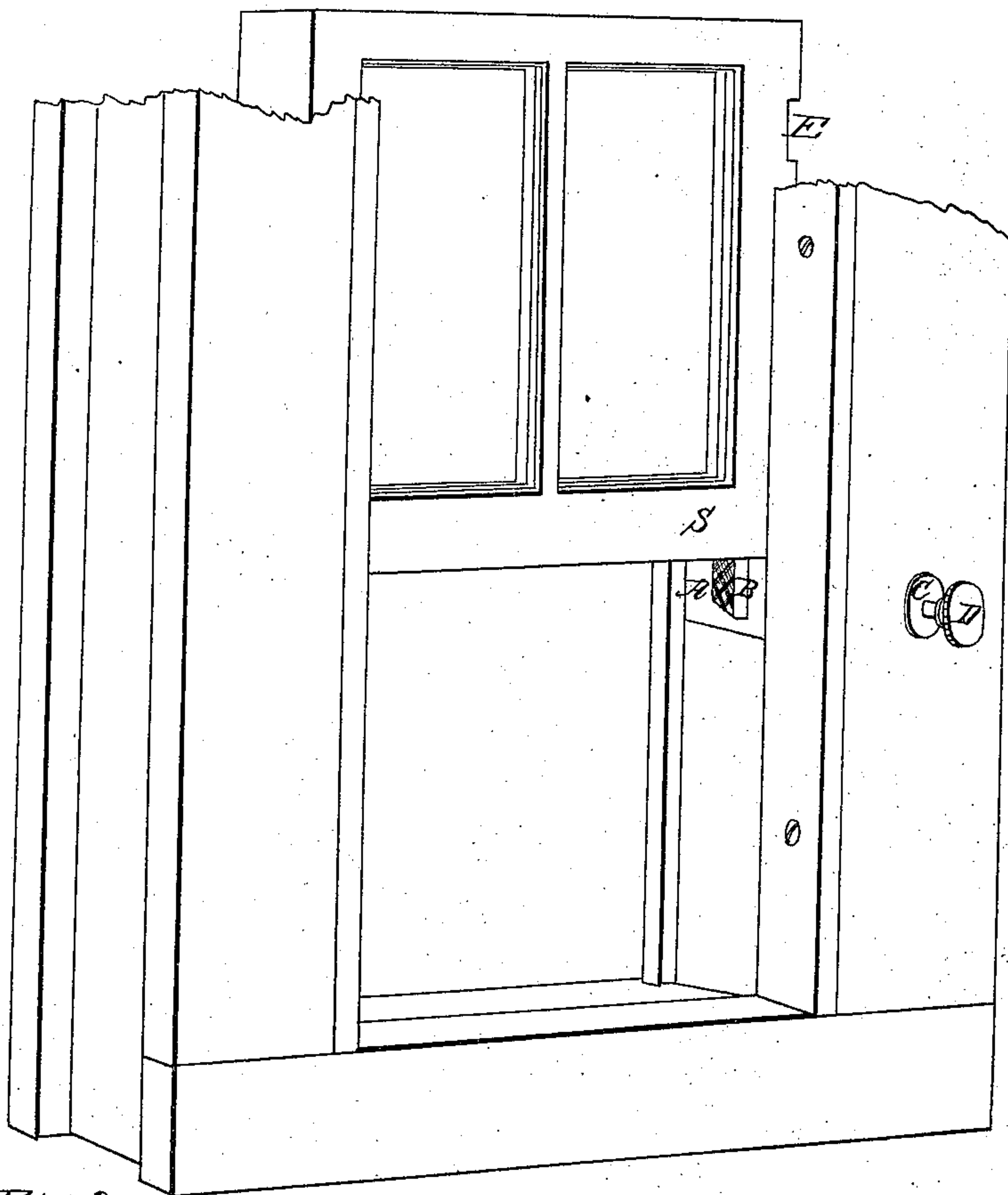


Fig. 2.

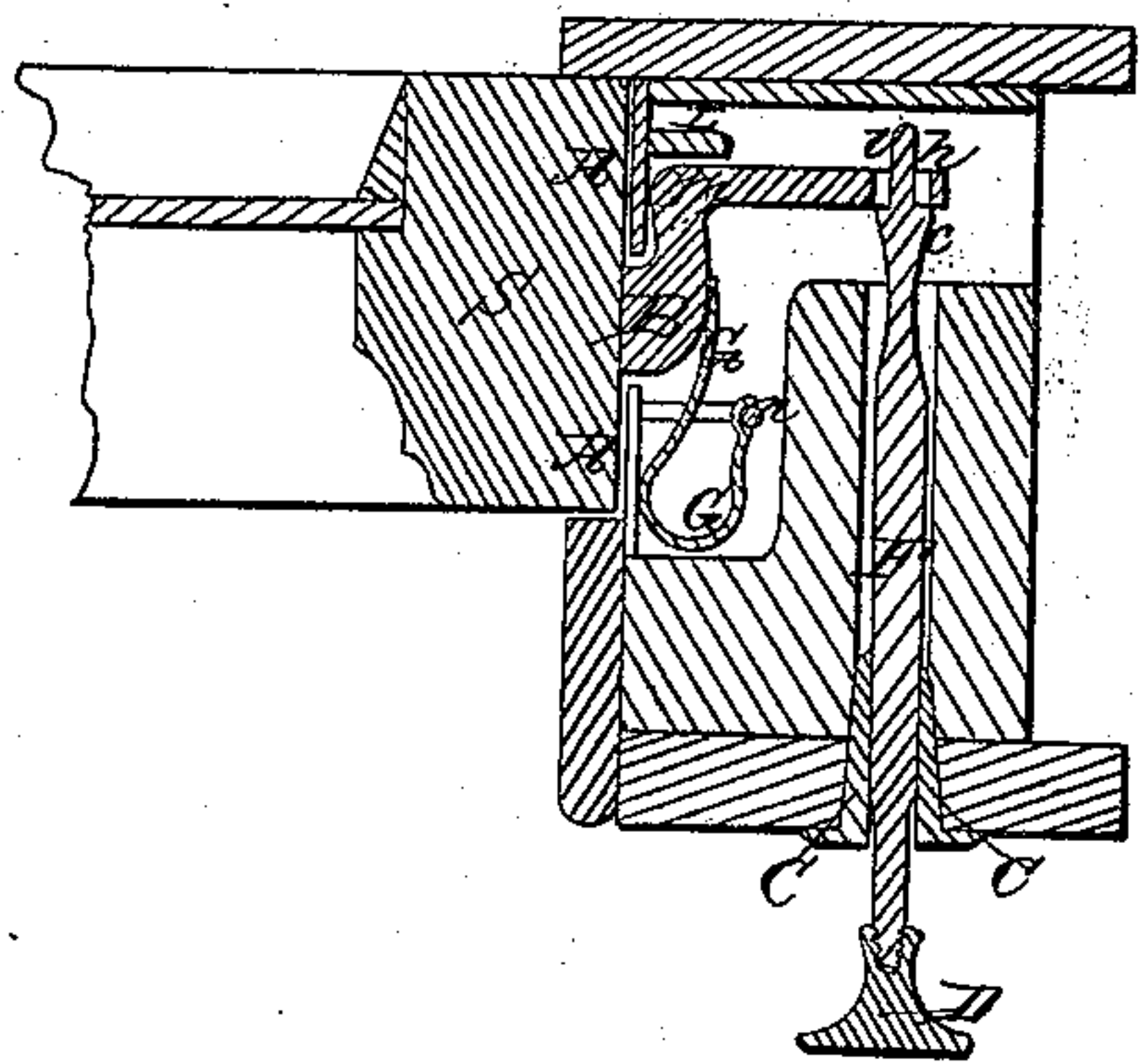
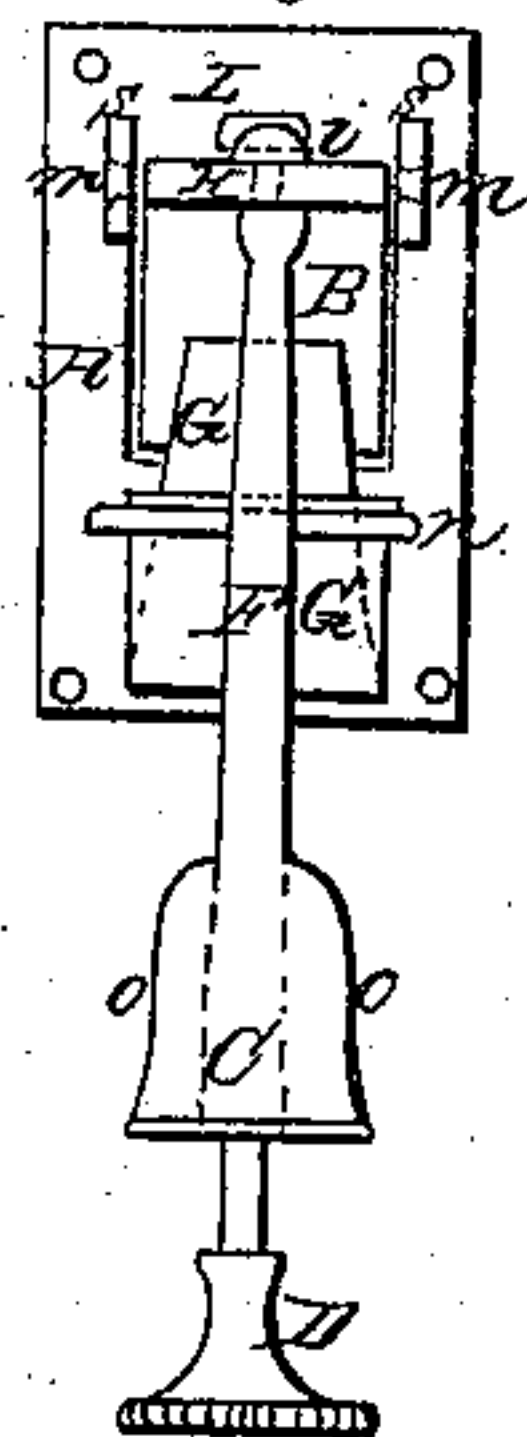


Fig. 3.



Witnesses:

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# UNITED STATES PATENT OFFICE.

WARREN F. HILL, OF PORTLAND, MAINE.

## SASH SUPPORTER AND FASTENER.

Specification forming part of Letters Patent No. 54,158, dated April 24, 1866.

*To all whom it may concern:*

Be it known that I, WARREN F. HILL, of Portland, in the county of Cumberland and State of Maine, have invented a new and useful Window Support and Fastener; and I hereby declare the following to be a full, clear, and exact description thereof, which will enable others to make and use my invention, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 shows my invention attached to a window; Fig. 2, a transverse section of my invention; Fig. 3, a side view in perspective of the same.

The object of my invention is to produce a device by which a window can be held at any point or position when open and securely fastened when closed.

My invention consists in the combined arrangement and application, for the purposes specified, of several devices hereinafter described and shown.

A represents a metal plate to be secured to the inner side of a window-frame, as illustrated in Fig. 1, and having a space in which the check B is moved.

K B together form a bent lever, turning upon the pivots *m m*, fixed in the rests *s s*. (See Fig. 3.)

G shows a spring formed of a bent plate of metal, secured to the staple *n* and pressing the check B of the bent lever K B outwardly against the window-sash. (See Figs. 2 and 3.)

L is intended to show a projection to control the extent to which the bent lever K B can be moved, and to prevent the check B from being drawn farther inward than even with the plate A.

F shows a removable bar, and D a thumb-plate. By these the pressure of the check B can be withdrawn from the window-sash by

pushing it in. The bar F is inserted into the window-frame, as shown in Fig. 1. C is a thimble, through which the bar F is placed, and having the flanges *o o*, Fig. 3, to fix it in the desired position.

The portions B K G *n* L are placed within the window-frame, in a recess made for that purpose, as is illustrated in Fig. 2.

The bar F fits into the slot *x*, cut in the part K of the lever K B, and is provided with the shoulders *i h* and *c d*, the former to prevent the bar from slipping out of the slot, and the latter to press against its sides when the bar is pushed inward.

E, Fig. 1, shows a recess made in the window-sash to receive the check B when the window is closed.

The shoulders *i h* are so made that, by turning the bar F in such manner that they will rest longitudinally in the slot, the bar F can be withdrawn, and thus, when the check B is let into the recess E, the window is securely fastened and cannot be moved until the bar F is again inserted into the slot *x*.

The portion of the check B which comes in contact with the window-sash can be roughened or serrated, and will press with sufficient force to hold the window at any desired point.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination of the bar F, the bent lever K B, the spring G, and projection L with the plate A, all constructed and arranged substantially as and for the purposes herein set forth.

2. The use, in conjunction with the above combination, of the recess B, for the purpose specified.

WARREN F. HILL.

Witnesses:

WILLIAM H. CLIFFORD,  
HENRY H. FURBISH.