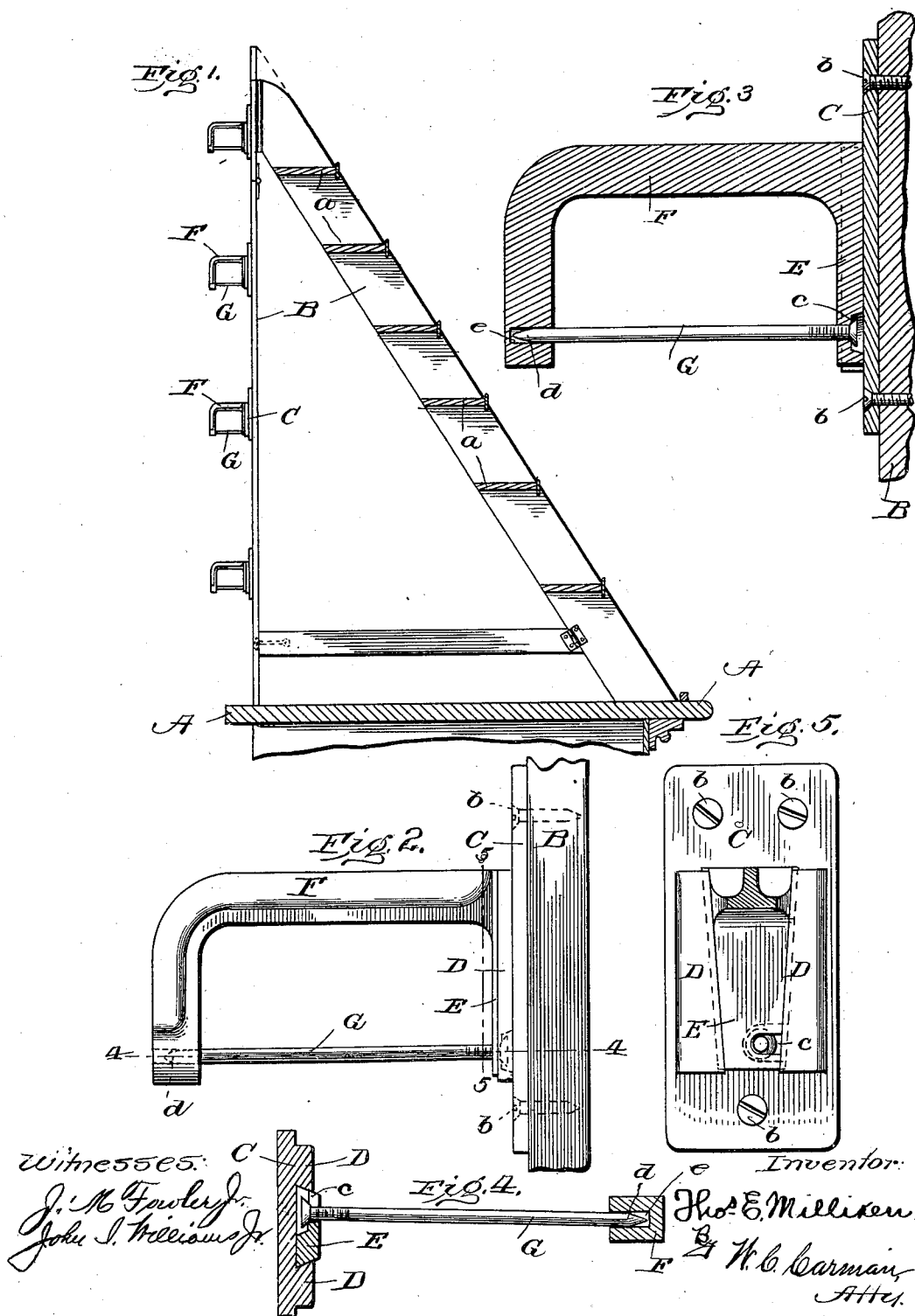


No. 674,245.

Patented May 14, 1901.

T. E. MILLIKEN.
PAPER SACK HOLDER.
 (Application filed Jan. 25, 1901.)

(No Model.)



UNITED STATES PATENT OFFICE.

THOMAS EDGAR MILLIKEN, OF YOUNGSTOWN, OHIO.

PAPER-SACK HOLDER.

SPECIFICATION forming part of Letters Patent No. 674,245, dated May 14, 1901.

Application filed January 25, 1901. Serial No. 44,720. (No model.)

To all whom it may concern:

Be it known that I, THOMAS EDGAR MILLIKEN, a citizen of the United States, residing at Youngstown, in the county of Mahoning, State of Ohio, have invented certain new and useful Improvements in Paper-Sack Holders; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying
10 drawings.

My invention relates to store-fixtures, and has particular reference to paper sack or bag holders for use upon a counter, a suitable rack supported upon a counter, or upon any convenient fixture. It is common practice to file
15 paper sacks such as above referred to upon a wire nail or similar holder in such manner that they may be individually and quickly detached for the reception and delivery of
20 merchandise; but my invention has for its object new and improved means for accomplishing this result.

Generally stated, the invention resides in a back plate supporting a detachable bracket,
25 preferably of cast metal, and likewise a detachable stab-file or wire shaft, which coöperates and interlocks with said plate and bracket and which in practice pierces the upper edge of all sacks filed thereon in a manner which
30 permits of their instant removal by a downward pull.

The invention will be hereinafter described, and particularly pointed out in the claims.

In the accompanying drawings, which form
35 part of this specification, and whereon like letters indicate corresponding parts in the several views, Figure 1 represents my invention as applied to the back of a suitable display-rack, the latter for purposes of illustration being mounted upon an ordinary store-
40 counter. Fig. 2 is a side elevation of the invention, with a fragmentary view of a fixed support therefor; Fig. 3, longitudinal central section of the invention, taken through each
45 of the members illustrated by Fig. 2. Fig. 4 is a horizontal section taken on the line 4 4, Fig. 2; and Fig. 5 is a vertical section taken on the line 5 5 of Fig. 2.

Reference being had to the drawings and
50 letters thereon, A indicates a store-counter, and B a display-rack supported thereon, both

of any approved construction, but the present illustrations showing a folding rack provided with shelving, (marked *a*.)

C indicates a back plate secured, as by
55 screws *b*, to a suitable fixed support, as B, and provided with upwardly-extending diverging lugs D D, having undercut inner faces for embracing and detachably retaining the base E of bracket F. The outer walls of said base
60 E are of trapezoidal form and diverge upwardly to correspond with the space between lugs D D, said space and base being of wedge shape and combining to produce a detachable
65 dovetail connection. Near its lowermost end base E is broken by a transverse slot *c*, countersunk upon its under side for the ready reception of the head of an ordinary wire nail
70 G or other form of stab-file, the opposite end or point *d* whereof is pocketed in a depression *e* at the distal end of said bracket F, all for purposes which will now appear in a description of the use and operation of my invention.

Back plate C, being secured to a suitable
75 fixed support, bags, sacks, bills, orders, or other papers of any description whatever which it may be desirable to file temporarily or otherwise are impaled near their upper
80 edges upon nail G, the point *d* whereof is introduced into depression *e*. The opposite or headed end of said nail is then placed in the countersunk slot *c* and base E of the bracket F dropped from above into the dovetailed
85 groove formed by and between lugs D D, thus completing the structure. As thus assembled it will be noted that the act of dovetailing bracket F and back plate C constitutes an effectual lock for each of the detachable
90 parts of the invention, which, however, may be instantly disengaged by reversal of the operation. As thus filed paper bags or sacks may be instantly and easily removed from the holder by force applied thereto in a downward direction, causing nail G to tear its
95 way through the extreme upper edge of the bag or bags thus removed. This being a description of my invention in its preferred form of construction, I by no means limit myself to such nor to any particular material
100 or materials employed in its construction. These features may be varied largely with-

out departing from the true value and spirit of my invention, which will now be set forth in the following claims.

I claim—

5 1. In a paper-sack and bill file the combination with a back plate constituting a fixed supporting member, of a bracket in detachable connection therewith, and a stab-shaft detachably interlocked with said bracket and
10 plate by the act of assembling, substantially as described.

2. In a paper-sack and bill file the combination with a fixed supporting back plate, of a detachable bracket, dovetail connections between said plate and bracket, and a stab-shaft detachably interlocked with said plate
15 and bracket by the act of assembling, substantially as described.

3. In a paper-sack and bill file the combination with a fixed supporting back plate
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having converging lugs upon its surface, of a detachable bracket retained by said lugs, and a stab-shaft detachably interlocked with said plate and bracket by the act of assembling, substantially as described.

4. In a paper-sack and bill file the combination with a fixed supporting back plate, of a bracket having a suitable base, dovetail connections between said plate and base, and a stab-shaft detachably supported between
25 the extremities of said bracket being there interlocked by the act of assembling, substantially as described.

In testimony whereof I subscribe my signature in presence of two witnesses.

THOMAS EDGAR MILLIKEN.

Witnesses:

JOHN I. WILLIAMS, Jr.,

W. C. CARMAN.