

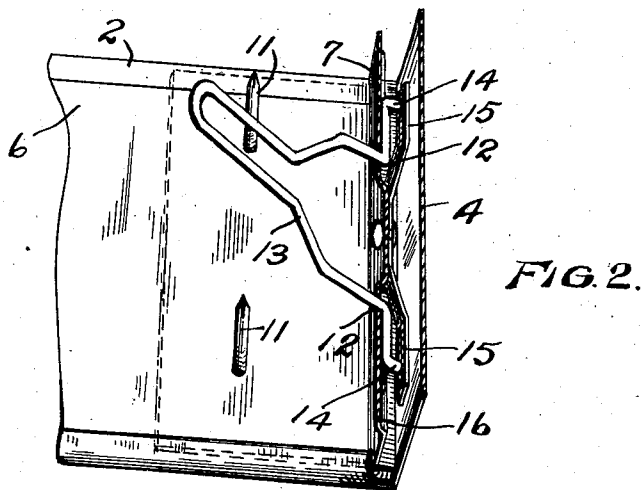
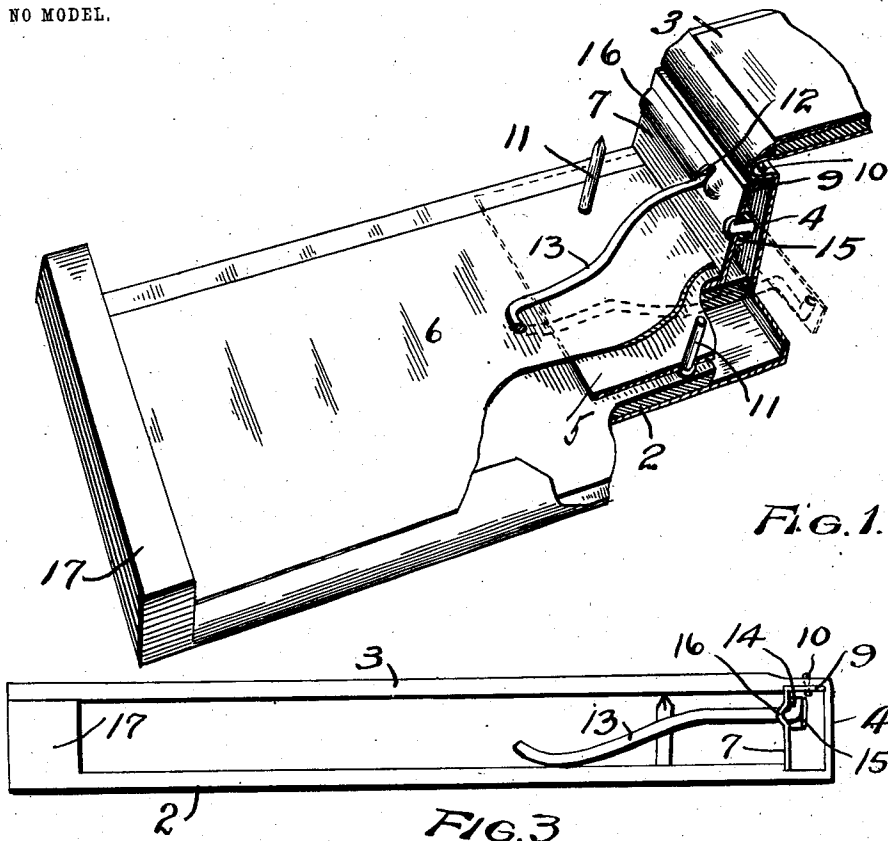
No. 739,436.

PATENTED SEPT. 22, 1903.

C. C. MUMM & J. L. STROHM.
BOOK FILE.

APPLICATION FILED JULY 31, 1902.

NO MODEL.



Witnesses
E. J. Staudé
M. C. Roman

Inventors
Charles C. Mumm
J. L. Strohm.
BY Paul & Paul,
their Attorneys.

UNITED STATES PATENT OFFICE.

CHARLES C. MUMM, OF MINNEAPOLIS, MINNESOTA, AND JOHN L. STROHM,
OF HANKINSON, NORTH DAKOTA; SAID STROHM ASSIGNOR TO SAID
MUMM.

BOOK-FILE.

SPECIFICATION forming part of Letters Patent No. 739,436, dated September 22, 1903.

Application filed July 31, 1902. Serial No. 117,803. (No model.)

To all whom it may concern:

Be it known that we, CHARLES C. MUMM, of Minneapolis, Hennepin county, Minnesota, and JOHN L. STROHM, of Hankinson, Rich-
land county, North Dakota, have invented
certain new and useful Improvements in Book-
Files, of which the following is a specification.

Our invention relates to improvements in
files designed to contain loose sales-slips, ac-
counts, memoranda, &c.; and the object of
the invention is to provide a file wherein the
individual accounts of each customer, when
the device is used by a merchant, may be kept
and conveniently referred to, one file being
appropriated for each customer and the sales-
slips detached from the book and placed in
its appropriate file whenever a sale is made
or at the close of the day's business.

Other objects of the invention will appear
from the following detailed description.

The invention consists generally in various
constructions and combinations, all as herein-
after described, and particularly pointed out
in the claims.

In the accompanying drawings, forming
part of this specification, Figure 1 is a per-
spective of a book-file with the top cover
thrown back and a portion of the back cover
broken away to show the construction of the
file. Fig. 2 is a similar view showing the
spring-actuated presser-arm and the support
therefor, and Fig. 3 is an edge view showing
the top cover and the presser-arm in their
closed position.

In the drawings, 2 and 3 represent, respec-
tively, the back and front covers of heavy
pasteboard or other suitable material, and 4
a flexible connection between said covers and
forming the back of the file, and 5 is a metal
reinforcing-plate provided on the back cover
near one end and preferably concealed by the
lining 6. This plate has an outwardly-turned
preferably integral flange 7, substantially
parallel with and bracing the back 4 and pre-
ferably spaced therefrom to make room for the
ends of the presser-arm and the spring bearing
thereon and having at its outer edge a lip 9,
to which the flexible back 4 is secured by a
wire 10 or other suitable means. The rein-
forcing-plate is provided with holes to receive
filing posts or pins 11, having headed inner

ends that rest upon the back cover and are
braced and stayed by said plate and have
pointed outer ends to facilitate the filing of
loose sheets or leaves thereon. The flange 7
is provided upon each side of the center there-
of with slots 12, wherein the ends of a looped
presser-arm 13 are inserted. These ends are
outwardly turned and provided with heads
14, that are engaged by the ends of a flat
spring 15, that is preferably secured at a point
intermediate to its ends by a rivet or other
suitable means to the flange 7. We prefer to
provide grooves or depressions 16 in the flange
7 to receive the outwardly-turned ends of the
presser-arm and the heads thereon and aid in
holding them in place. When the presser-
arm is raised to the position shown in Fig. 2,
the heads 14 will swing around and bearing
upon the spring 15 place the same under ten-
sion, pressing it away from the flange 7, and
when the presser-arm is lowered the heads
will swing back, allowing the spring to return
to its normal position, where it will exert its
force to hold the arm down upon the leaves.

At the end of the file opposite the presser-
arm mechanism we prefer to provide a block
17, upon the outer face of which the name of
the customer may be written or printed to
permit the ready location of a customer's file
when placed in the file-case. This block may,
if preferred, be provided with a suitable fast-
ening device (not shown) for holding the
front cover in place.

We claim as our invention—

1. In a book-file of the class described, the
combination, with the covers, of a reinforcing-
plate provided on the back cover and having
an upwardly-turned flange forming a back
plate, a presser-arm carried by said back
plate, paper-holding studs provided on said
reinforcing-plate, and means for causing said
presser-arm to bear with a yielding pressure
on the paper upon closing said covers, sub-
stantially as described.

2. In a pocket-book file, the combination,
with a back cover, of a reinforcing-plate se-
cured thereon near one end and having an
outwardly-turned flange forming a back
plate, paper-holding studs mounted on said
reinforcing-plate and whereon the sales-slips
or memoranda are placed, a presser-arm car-

ried by said back plate, and means for holding said presser-arm in yielding engagement with the paper on said studs, substantially as described.

- 5 3. In a device of the class described, the combination, with a back cover provided at one end with a horizontally and vertically extending plate, posts secured to and extending vertically from the horizontal portion of the
10 plate and having their upper ends free for the reception and removal of memoranda-leaves, and a spring-influenced presser-arm secured to the vertical portion of the plate and arranged to extend beyond the posts and
15 to bear against the memoranda-leaves held by the posts, substantially as described.

4. In a device of the class described, the combination, with a back cover provided at one end with a horizontally and vertically extending plate the vertical portion of which is
20 formed with a longitudinally-raised portion forming a groove and having slots formed in it, posts secured to and extending vertically

from the horizontal portion of the plate and having their upper ends free for the reception 25 and removal of memoranda-leaves, a looped presser-arm having its ends passed through the slots in the longitudinally-extending groove of the plate and outwardly bent to one side of the slots and provided with heads, 30 and a spring secured to the plate and pressing against said heads, substantially as described.

In witness whereof we have hereunto set our hands, CHARLES C. MUMM, at Minneapolis, 35 Minnesota, this 21st day of July, and JOHN L. STROHM, at Hankinson, North Dakota, this 22d day of July, 1902.

CHARLES C. MUMM.

In presence of—

RICHARD PAUL,
M. C. NOONAN.

JOHN L. STROHM.

In presence of—

E. F. WIRTH,
A. J. BARKER.