

T. B. KNUDSEN.
OFFICE ÉTAGÈRE FOR FILING AND STORING LETTERS, &c.
APPLICATION FILED OCT. 15, 1903.

Fig. 1.

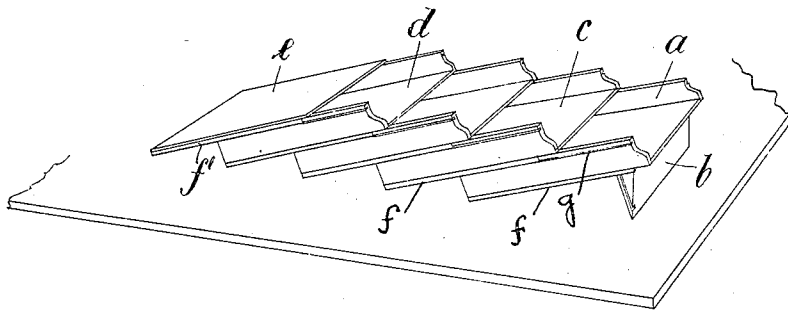


Fig. 2.

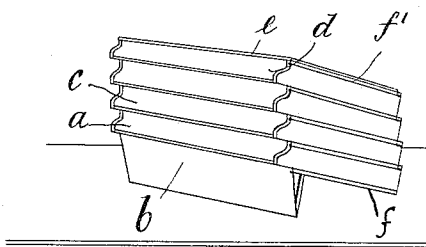


Fig. 3.

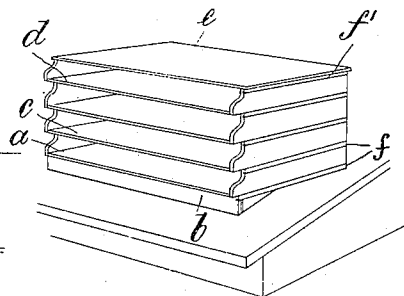


Fig. 4.

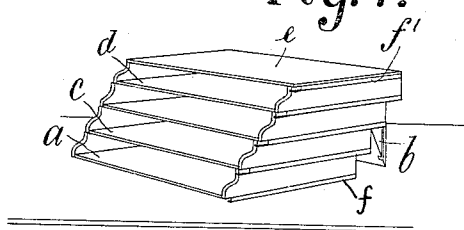
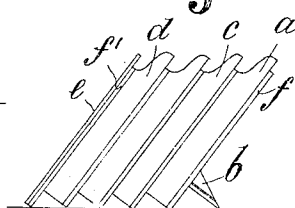


Fig. 5.



WITNESSES

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Wm M. Golden Jr.

INVENTOR

Thomas Balle Knudsen

BY *Richardson*

ATTORNEYS

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Fig. 6.

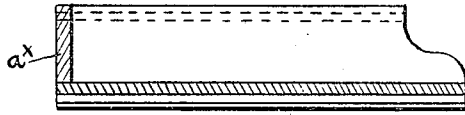


Fig. 7.

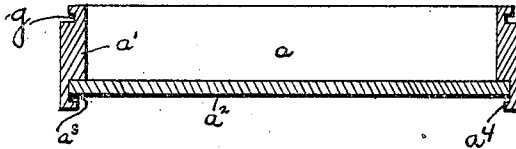
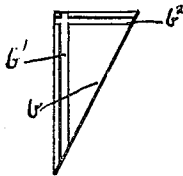


Fig 8



Witnesses
Arthur Middleton
J. B. Middleton.

Inventor
Thomas Balle Knudsen
by Richard H. Co.,
att'ys.

UNITED STATES PATENT OFFICE.

THOMAS BALLE KNUDSEN, OF KORSÖR, DENMARK.

OFFICE-ÉTAGÈRE FOR FILING AND STORING LETTERS, &c.

SPECIFICATION forming part of Letters Patent No. 792,427, dated June 13, 1905.

Application filed October 15, 1903. Serial No. 177,202.

To all whom it may concern:

Be it known that I, THOMAS BALLE KNUDSEN, bank-bookkeeper, a subject of the King of Denmark, residing at Korsör, Denmark, have
5 invented a new and useful Office-Étagère for Filing and Storing Letters, &c., of which the following is a specification.

The present invention refers to an office-
10 étagère for filing and storing papers and documents of any kind.

It consists, mainly, of a number of drawers open in front and formed of a bottom piece, two side pieces, and a back piece. Along the
15 side pieces there is below the bottom piece fastened an \square -shaped rail of metal, which when one drawer is pushed over the other will, with its lower flange, gear with a groove or catch around a list fastened on the outside
20 and near the top of the side pieces of the drawer immediately below.

Instead of metal rails grooves can be cut on the inside of the side pieces below the bottom and corresponding to grooves in the upper
25 edge of the side pieces. In order to be able always to give the drawers the most advantageous position, there belongs to each étagère a block of triangular cross-section, in the
30 ends of which are grooves in different directions for the flanges of the metal rails of the bottom drawer.

The invention is shown in the accompanying drawings, in which—

Figures 1, 2, 3, 4, and 5 are perspective views. Figs. 6 and 7 are sectional views,
35 Fig. 7 being a modification; and Fig. 8 is a view of the block.

Each drawer consists of a bottom piece a^2 , side pieces a^1 , and a back piece a^x . Along the
40 side pieces there is below the bottom piece fastened an \square -shaped metal rail f , and on the outside near the top of the side pieces are arranged grooves g , with which the rails f of the drawer immediately above engage.

In Fig. 7 instead of using the metal rails g
45 the sides A' are extended downwardly below the bottom a^2 and are provided with grooves a^3 , which form a projection a^4 , which is adapted to engage with the grooves of the drawer immediately below.

50 Fig. 8 shows the block b . This block is

triangular in shape and is provided with grooves b^1 and b^2 adjacent the long and short sides, providing ribs which slide in the metal rails g or the grooves a^3 .

Fig. 1 shows the étagère placed in the
55 drawer of a writing-table. By means of the block b the bottom box a of the étagère is given such a position that its uppermost corners do not protrude over the edge of the table-drawer. The next box c is then pushed
60 in upon the first one until its back piece strikes against the bottom of the table-drawer, and so on, until the drawer is full. The last box d is supplied with a cover e , having a
65 metal rail f' on the under side. The documents filed in the compartments thus formed cannot be disarranged because the drawer is pulled out or pushed in.

Fig. 2 shows the étagère placed in a document-cabinet, not being so deep as the draw-
70 ers. By means of the block b the lowermost drawer is placed so that its front does not reach outside the cabinet, whereafter the other drawers are pushed in until the cabinet
75 is full.

Fig. 3 shows the étagère placed upon an inclined desk. The block b is here placed
below the bottom drawer, so that it rests horizontally.

Fig. 4 shows the étagère placed on top of
80 a writing-table, with the drawers arranged, like stairs, on top of one another. The block b is in this case used as a support.

Fig. 5 shows the étagère placed thus that the opening of the drawers turned upward—
85 if, for instance, they are placed low and it is desired to look into the different compartments.

By this étagère a system is obtained where-
90 by any cabinet, writing-table, or similar piece of furniture can be easily made into a practical paper-file and document-storer.

I claim as my invention—

1. A device for filing letters and the like comprising a plurality of interlocking boxes
95 open at the top and one side and a supporting-block interlocking with the bottom box, substantially as described.

2. A device for filing letters and the like comprising a plurality of boxes open at the
100

top and one side and having tongues below
the bottoms sliding in grooves in the upper
edges of the next lower box, and a wedge-
shaped supporting-block having grooves in
5 its ends whereby it is adapted to interlock
with the tongues of the bottom box to hold
the same inclined, substantially as described.

In witness whereof I have hereunto set my
hand in presence of two witnesses.

THOMAS BALLE KNUDSEN.

Witnesses:

L. JEPSEN,
SOFUS MOLLER.