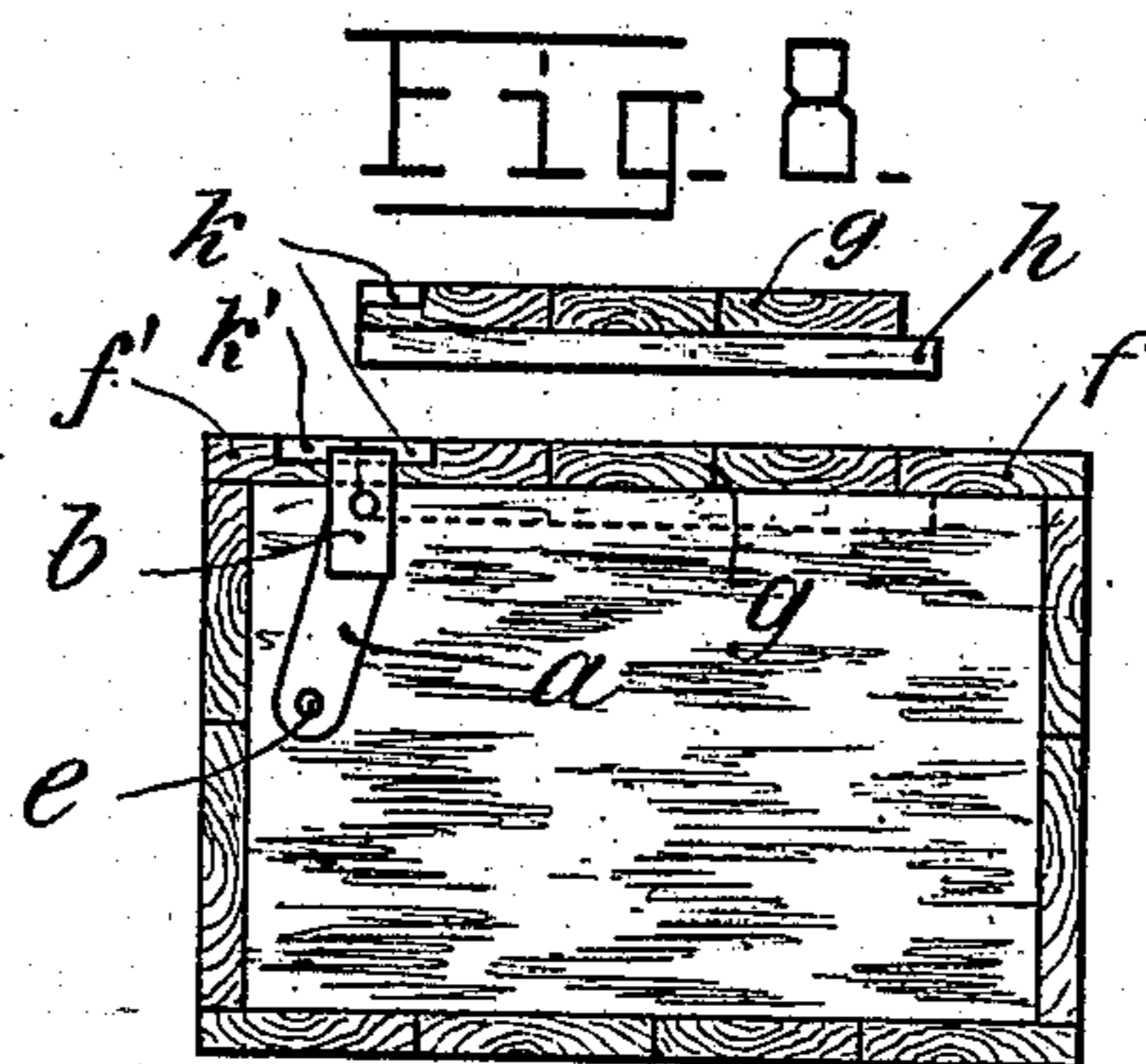
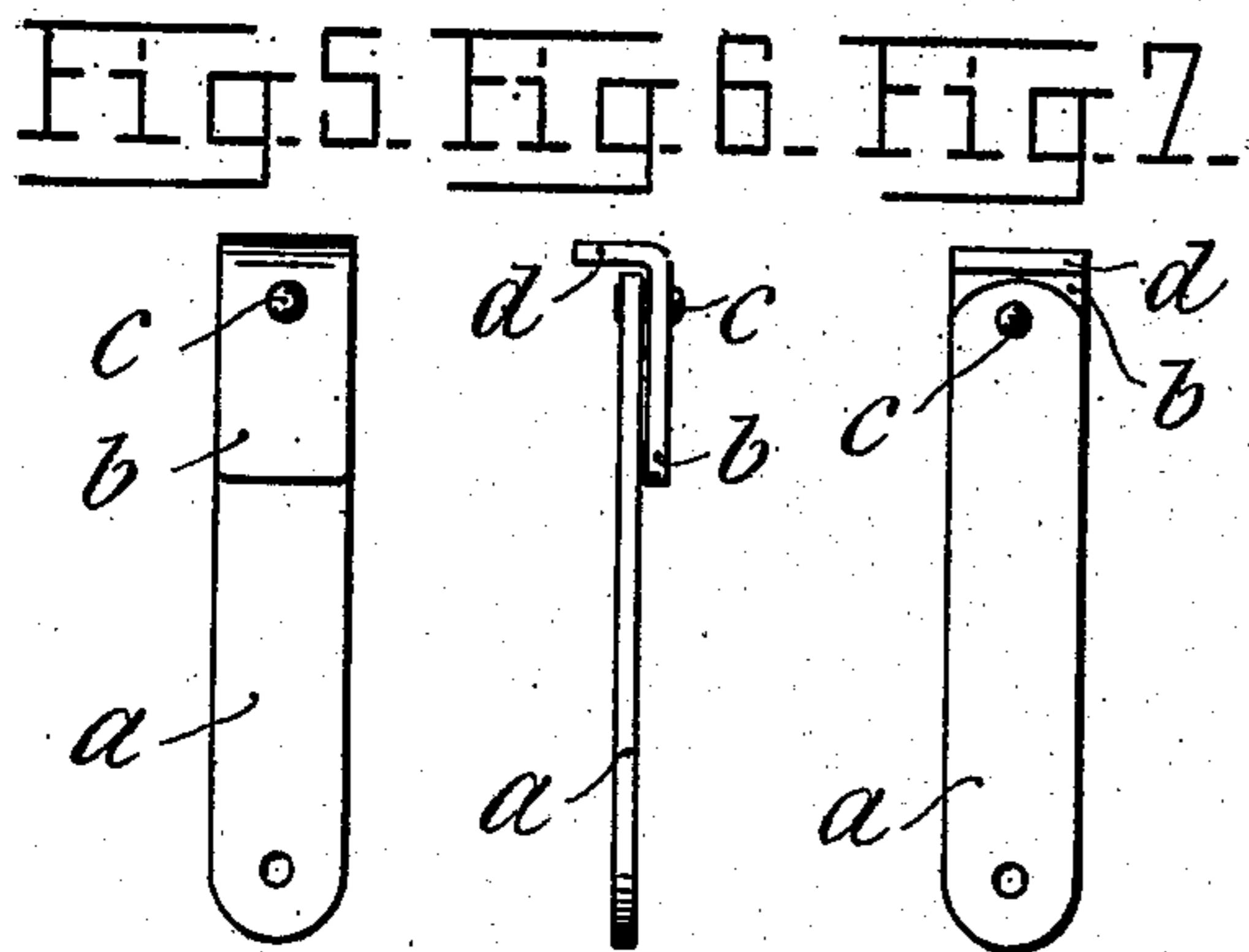
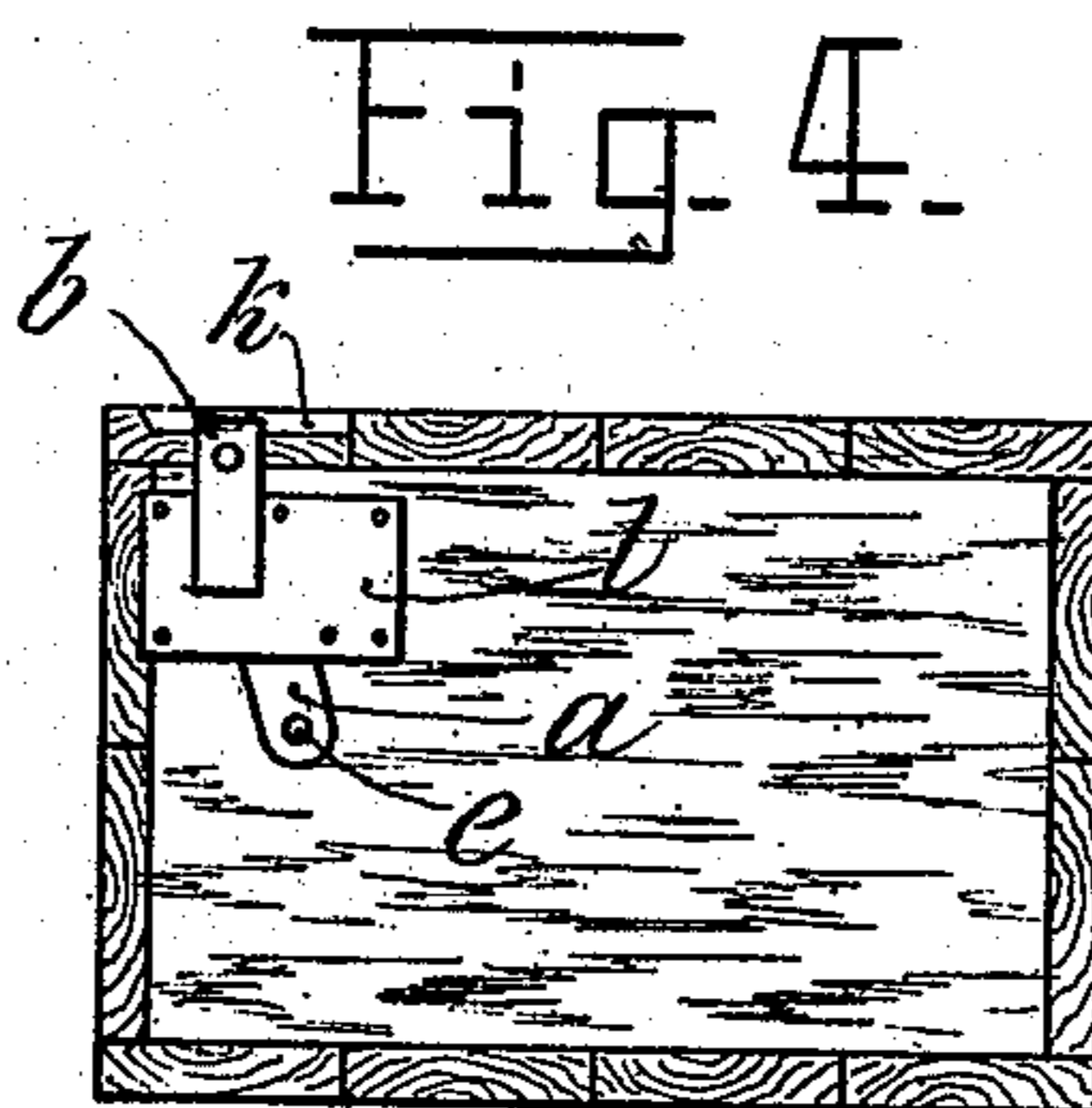
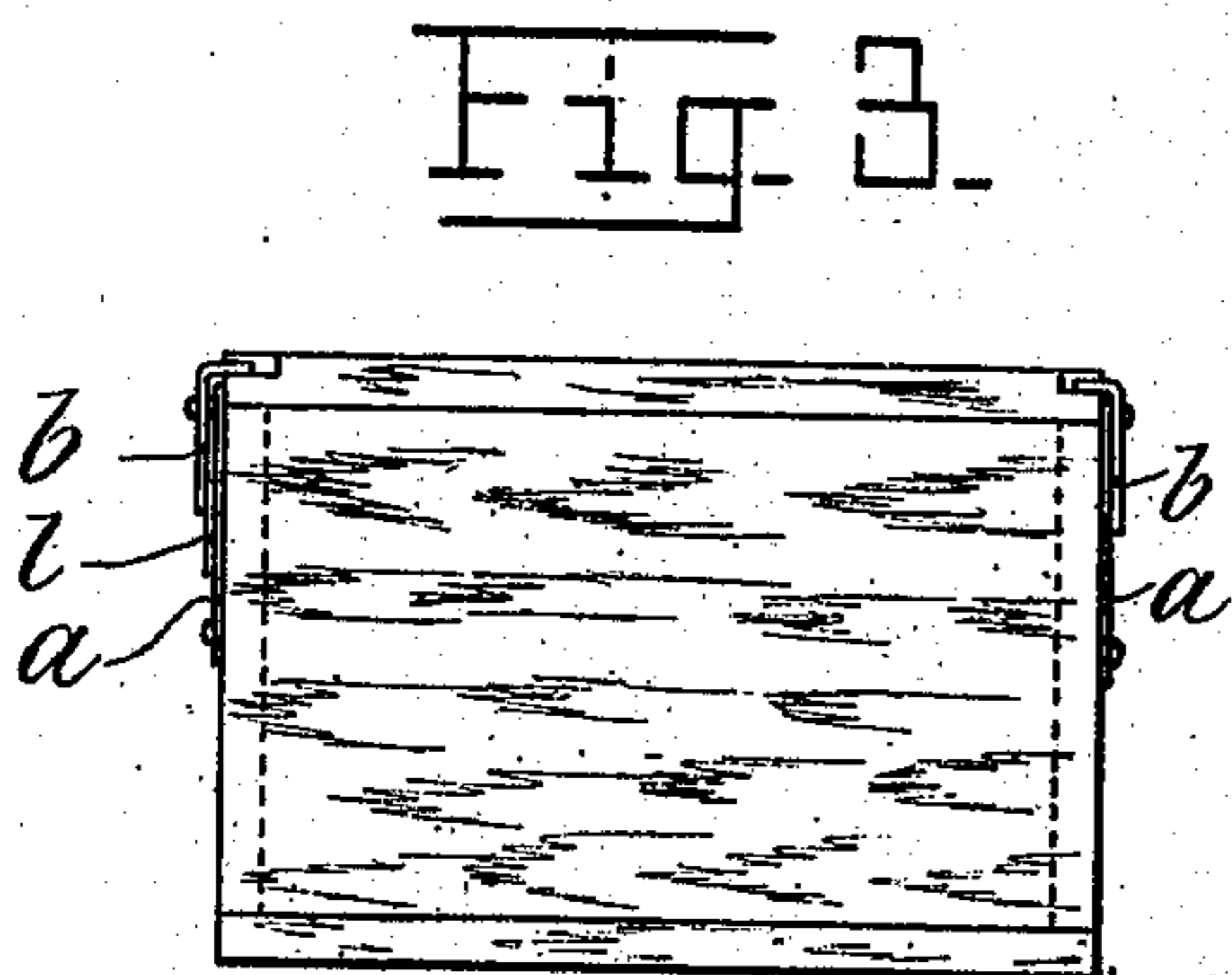
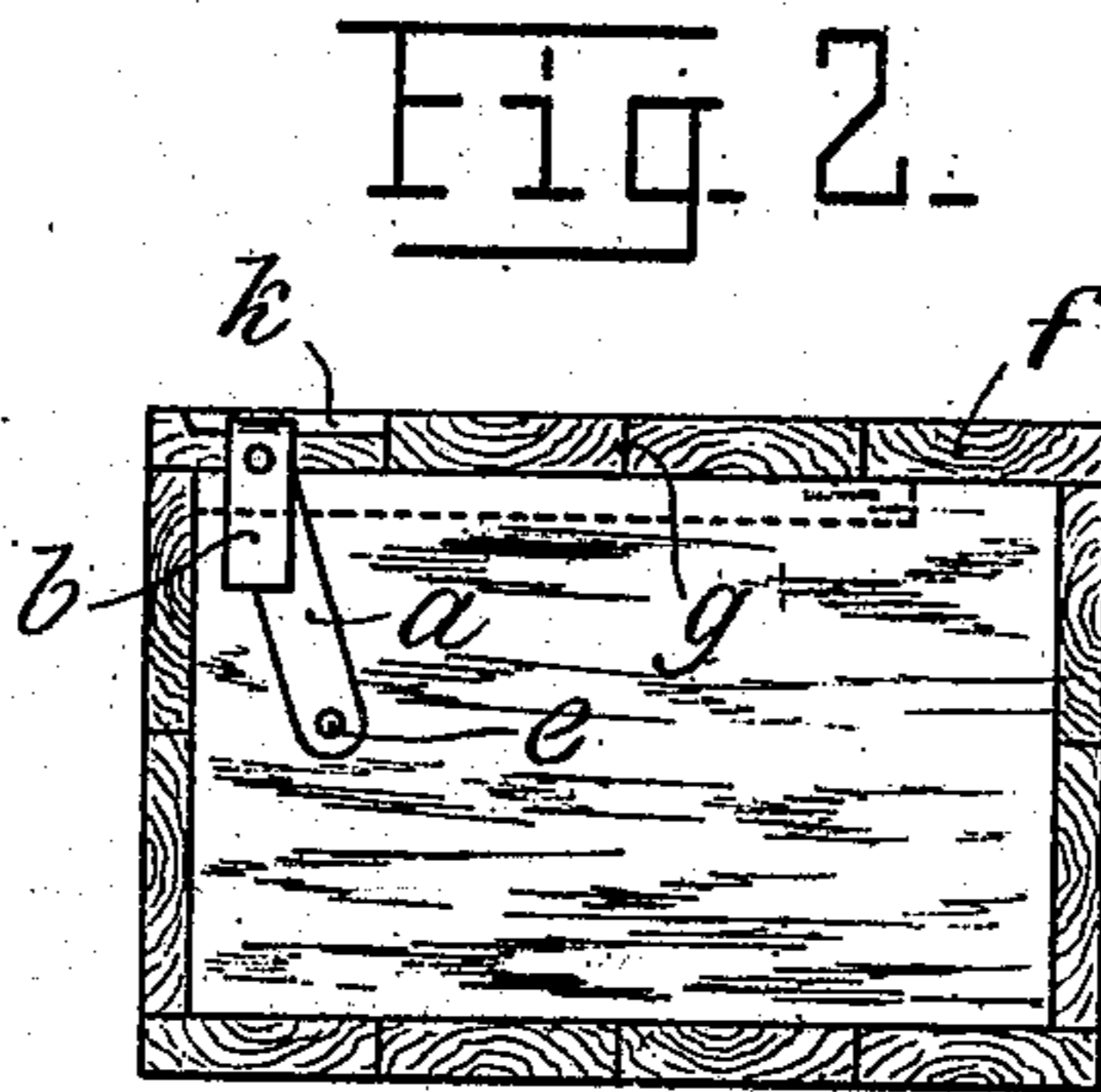
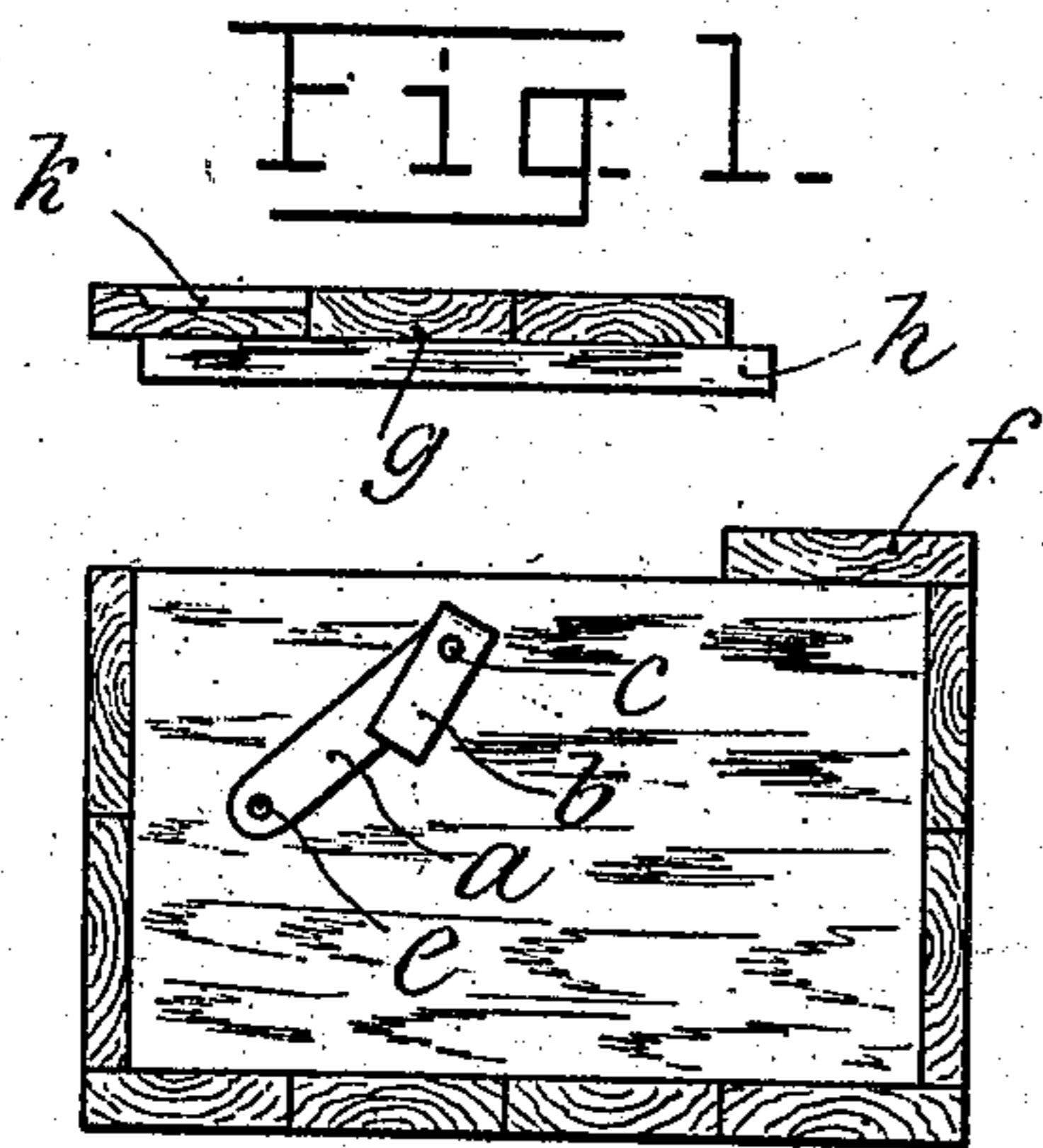


900,084.

Patented Oct. 6, 1908.



Witnesses:
W. H. Perrigan.
John H. Hoving.

Inventor:
Nikolai Dahl,
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UNITED STATES PATENT OFFICE.

NEKOLAI DAHL, OF TRONDHEJEM, NORWAY.

BOX-FASTENER.

No. 900,084.

Specification of Letters Patent.

Patented Oct. 6, 1908.

Application filed November 19, 1907. Serial No. 402,796.

To all whom it may concern:

Be it known that I, NEKOLAI DAHL, merchant, a citizen of the Kingdom of Norway, residing at Fjordgaden 82, city of Trondhjem, Norway, have invented a new and useful Improvement in Box-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the same.

My present invention has for its object to provide a closing device for cases and the like and is especially applicable for such packing-cases which are intended for shipment of herrings and fish in great quantities. Such cases are generally used over again many times. On account hereof the respiking hitherto used is very timewasting and at the same time very destructive to the case.

In order that my invention may be clearly understood and readily carried into effect, I will proceed to describe the same with reference to the accompanying drawing, in which:—

Figure 1 is a side-elevation of a case with a closer constructed according to my invention, the cover being removed. Fig. 2 illustrates the same, the cover being placed in position. Fig. 3 is an end-view of the case shown in Fig. 2 and Fig. 4 a side view of the case sealed. Figs. 5, 6 and 7 are front, side and rear views, illustrating the closing device proper. Fig. 8 shows a modified form for carrying out my invention.

The closing device consists of a springy steel plate *a* having a metal plate *b* pivoted to it by means of a pin or nail *c* on which the two plates may turn in relation to each other. The metal plate *b* is at the top bent at a right angle so as to form a hook *d*. The device itself is secured to the side of the case near one of its ends by means of a wood-screw *e* on which it can turn. When the case is open and the cover removed, the closing device is forced somewhat out to the side and turned towards the middle of the case (Fig. 1).

The removable part *g* of the top is now placed in position, and as its crossbars *h*, which project a little distance at one side out from the edge of the cover, are put under-

neath the fixed part of the top (or into slots made in the walls of the case) the cover *g* will be retained, and as the cross-bars of the cover engage the other three side walls of the case, the cover will also be secured against horizontal movement. The other end of the cover is now fastened by turning back the closing devices till the hooks *g* project over the top surface of the cover (Fig. 2). The closing device has now to be turned as far as possible to one side (in the figure to the left), which is done by pushing the plate *b* parallelly sidewise, the plate *a* turning on its pivot *c*. Hereby the hook *d* is caused to press the cover down and keep it close on to the case. The closing device and at the same time the case are now very easily sealed by inserting a label between the plates *a* and *b*, which can be done because the steel plate *a* is flexible. Then the label is fastened by means of pump-tacks. In order to protect the hook *d*, it is received into a recess made in the top surface of the cover.

The case is opened by removing the label and turning the closing devices aside (in the drawing to the right), at the same time bending the plates *a* outwards so that the hooks *d* will bear upon the outside of the case.

Each case is furnished with two closing-devices.

In the form shown in Figs. 1-4, the cover *g* extends close to the left end wall of the case. However, it is often preferable to furnish the case with a fixed part *f'* near said wall, part *f'* having recesses *k'* continuing the recesses *k* in the cover described above. This modified form is shown in Fig. 8, in which the case may be opened by moving the hooks *b* to the left so that the parts *d* are received into the recesses *k'*, and the cover may freely be removed. The opening and closing of the case is by this form of the closing device easier than by the device, shown in Figs. 1-4.

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

In closing device for cases and the like the

combination of a springy metal plate the
lower end of which is pivoted to the outside
of the case wall, and a hook-shaped part piv-
oted to the upper end of the said plate and
5 provided with a horizontal portion project-
ing over the top surface of the removable
part of the cover.

In testimony whereof, I have signed my
name to this specification in the presence of
two subscribing witnesses.

NEKOLAI DAHL.

Witnesses:

ASSER MAGNUS DAHL,
E. O. OPSTAD.