

(No Model.)

O. HOSSFELD & P. KÜSSNER.

2 Sheets—Sheet 1.

BILL FILE.

No. 528,947.

Patented Nov. 13, 1894.

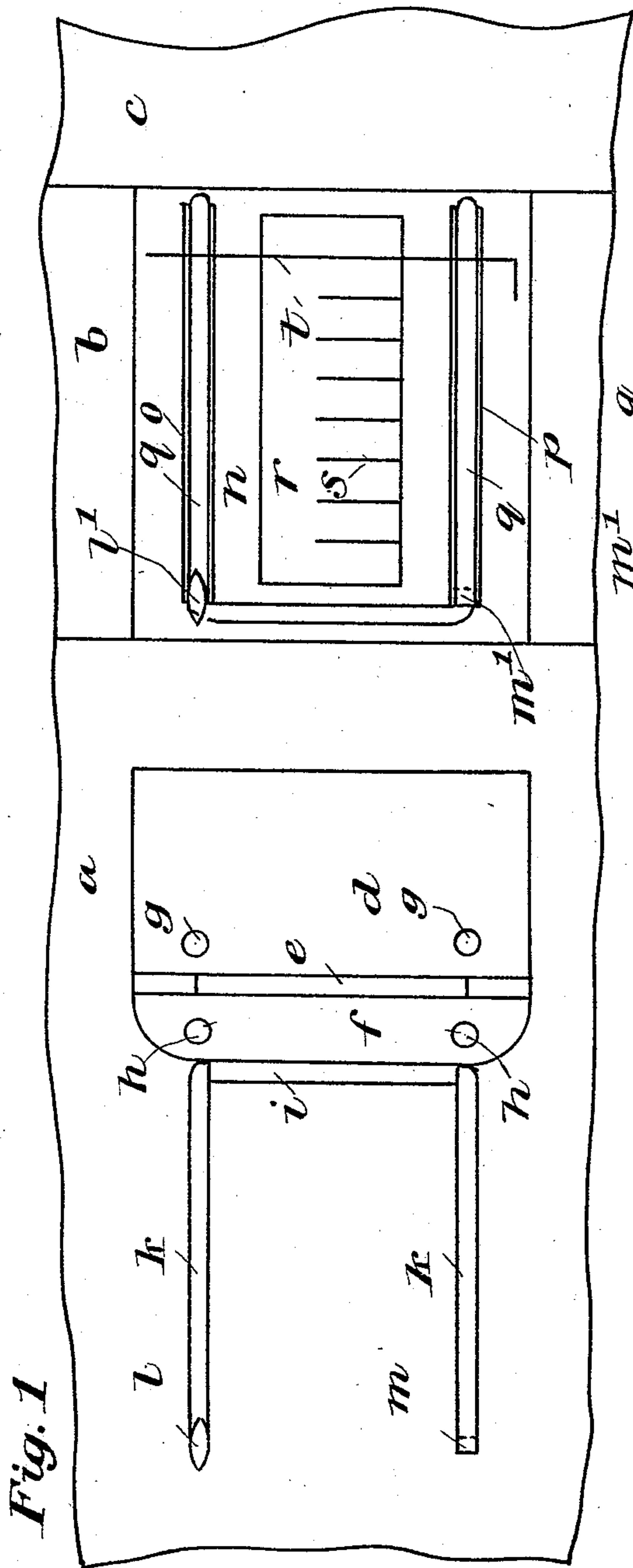


Fig. 1

Witnesses:

J. B. Kinsman
A. B. Deggs

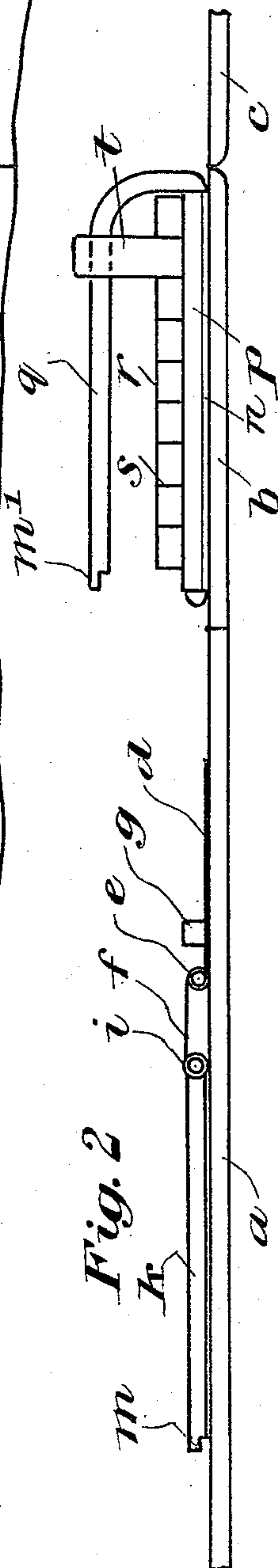


Fig. 2

Fig. 5

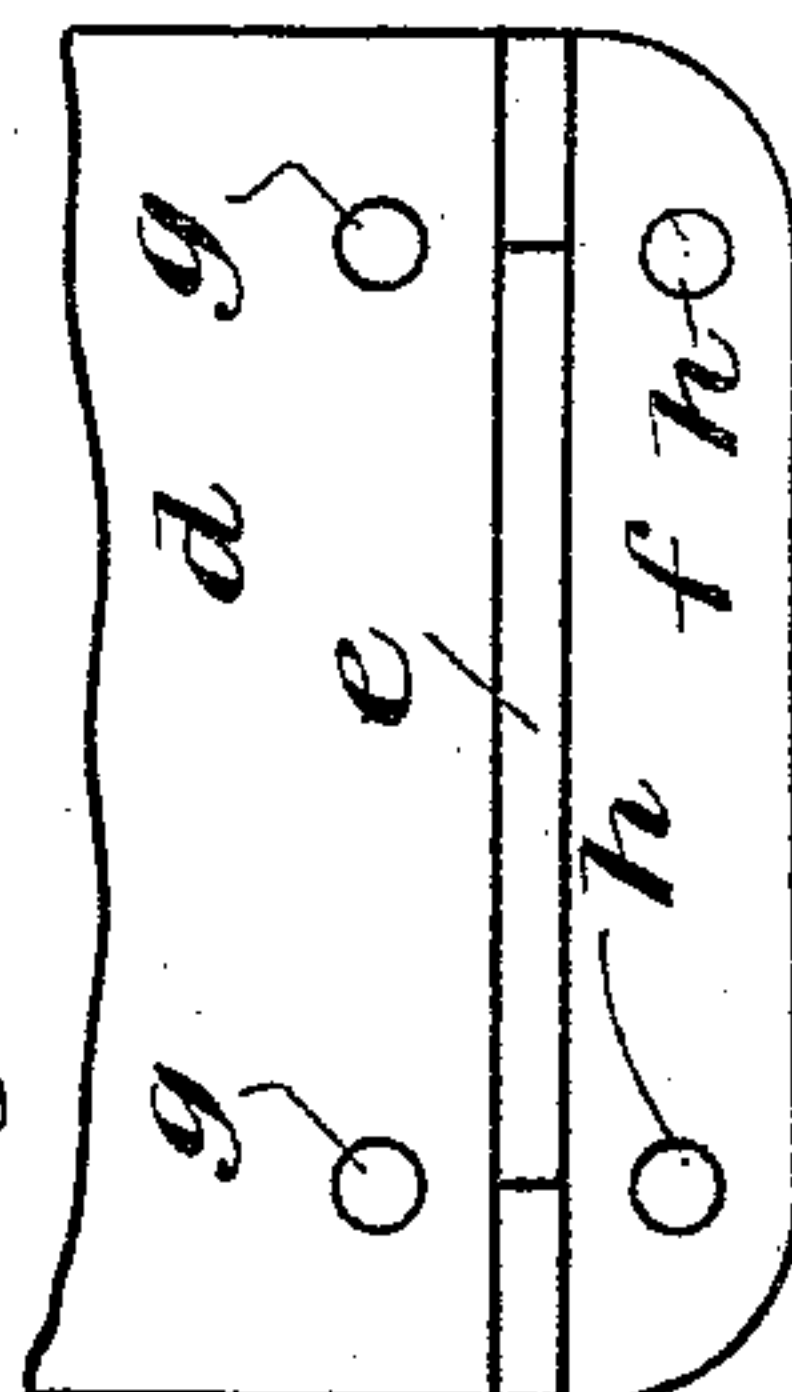


Fig. 6

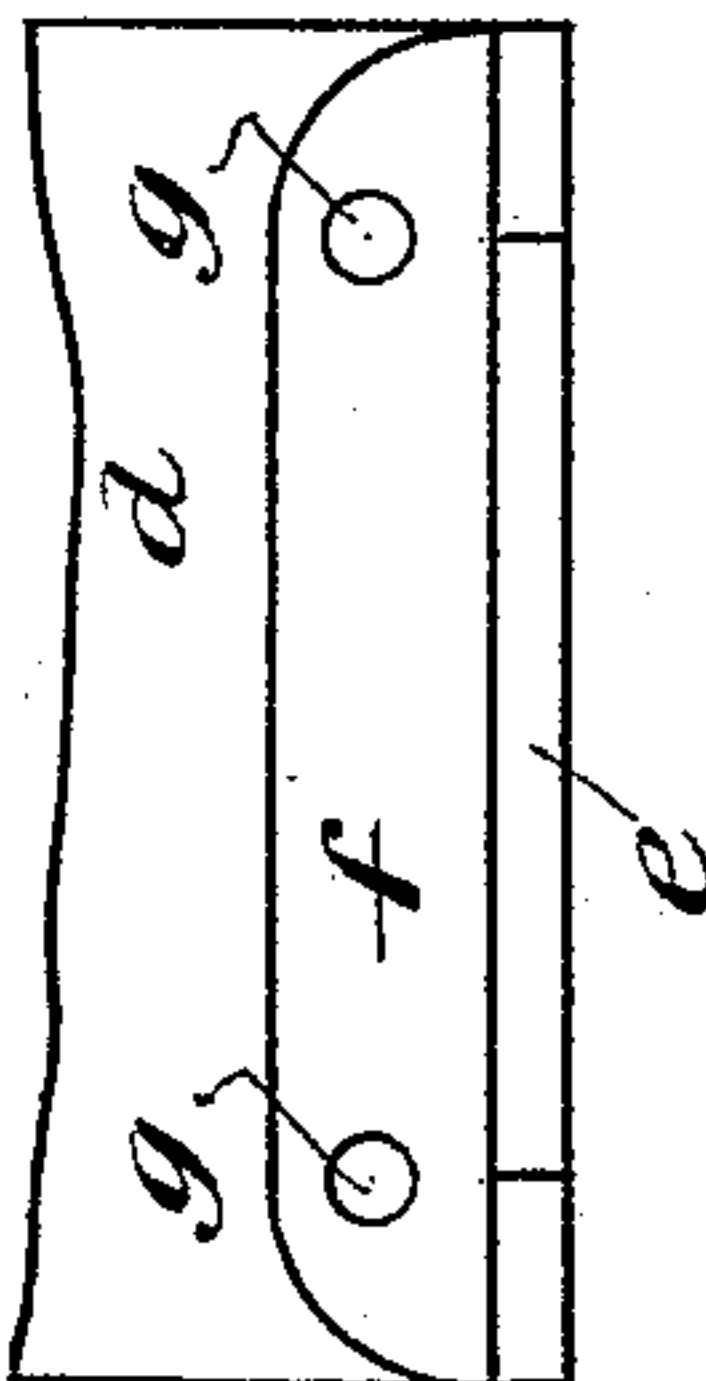
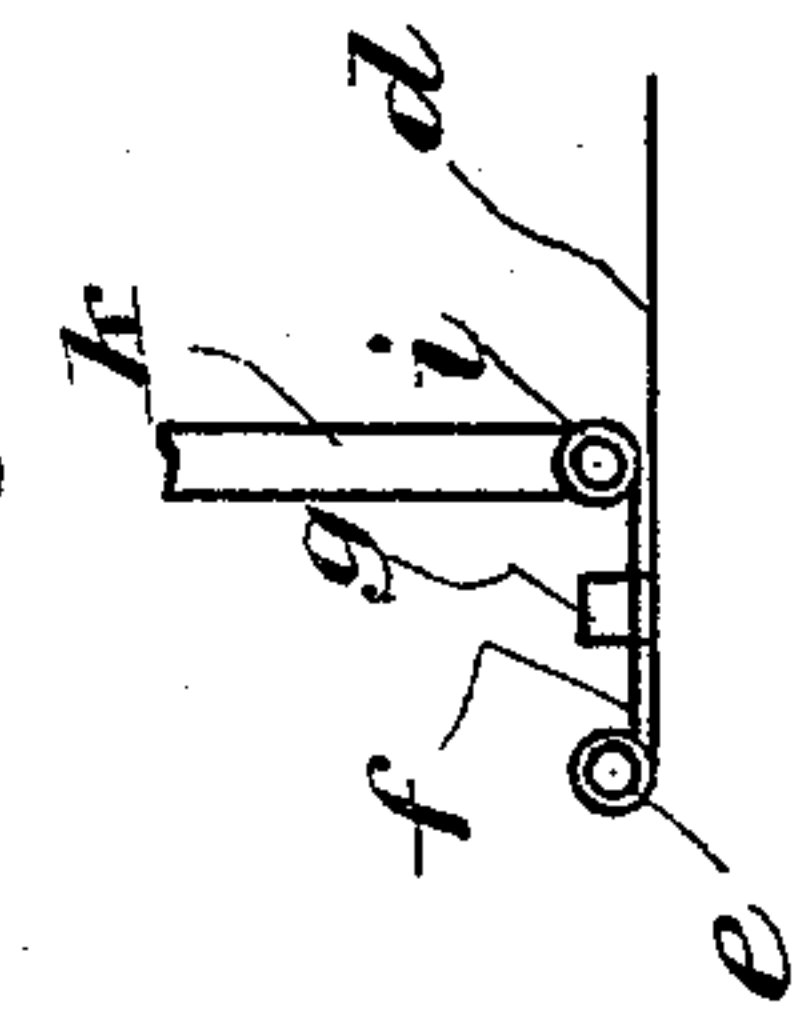


Fig. 7



Inventors:

Paul Kinsman
Otto Hossfeld
By *J. Dittmer*

Att'y

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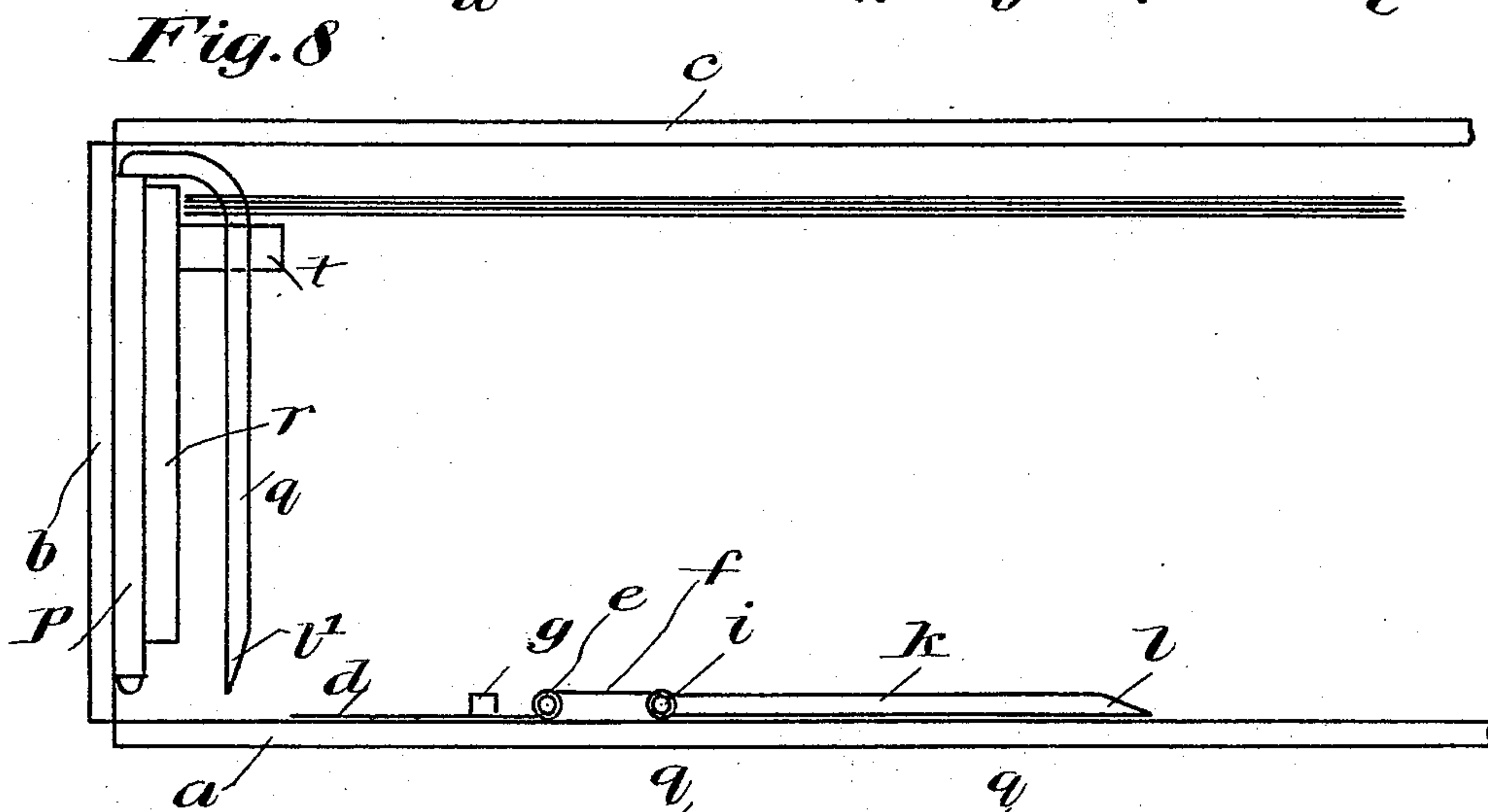
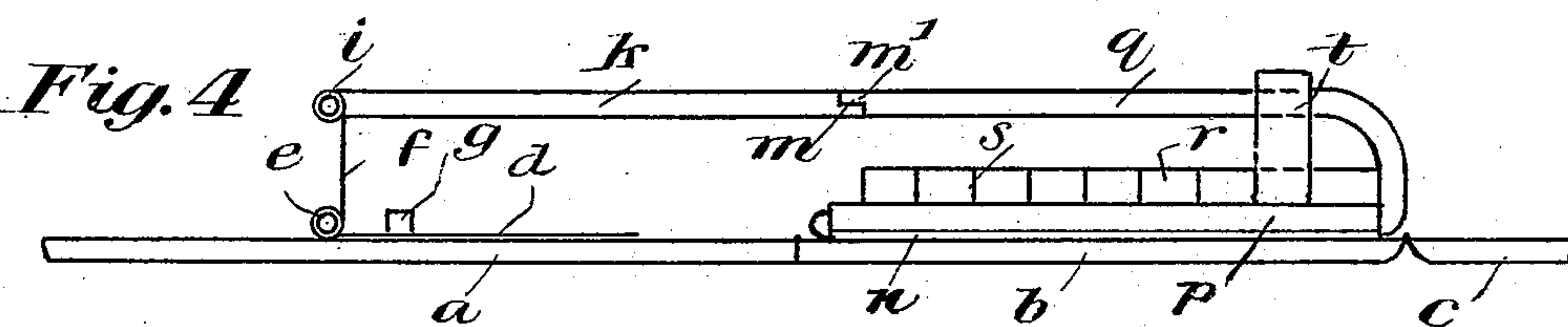
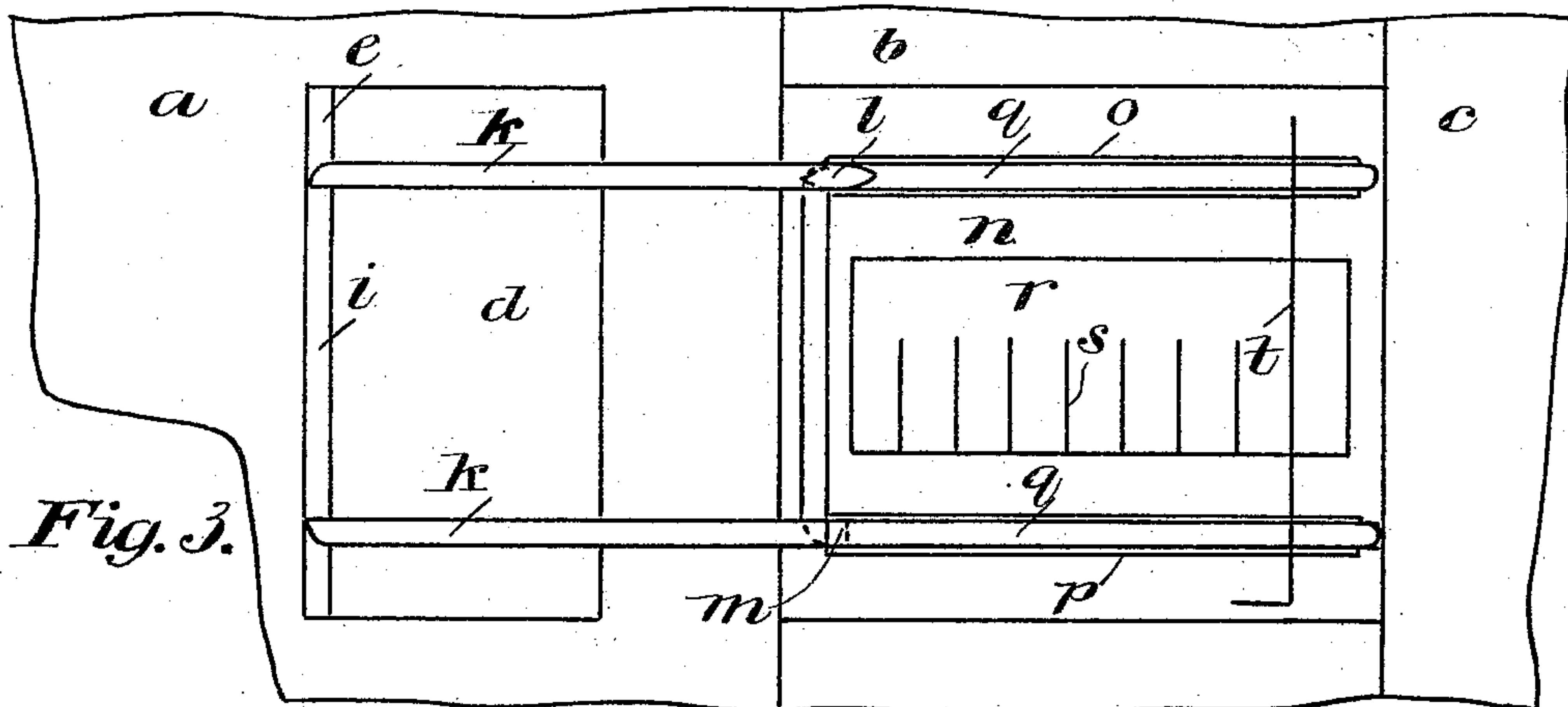
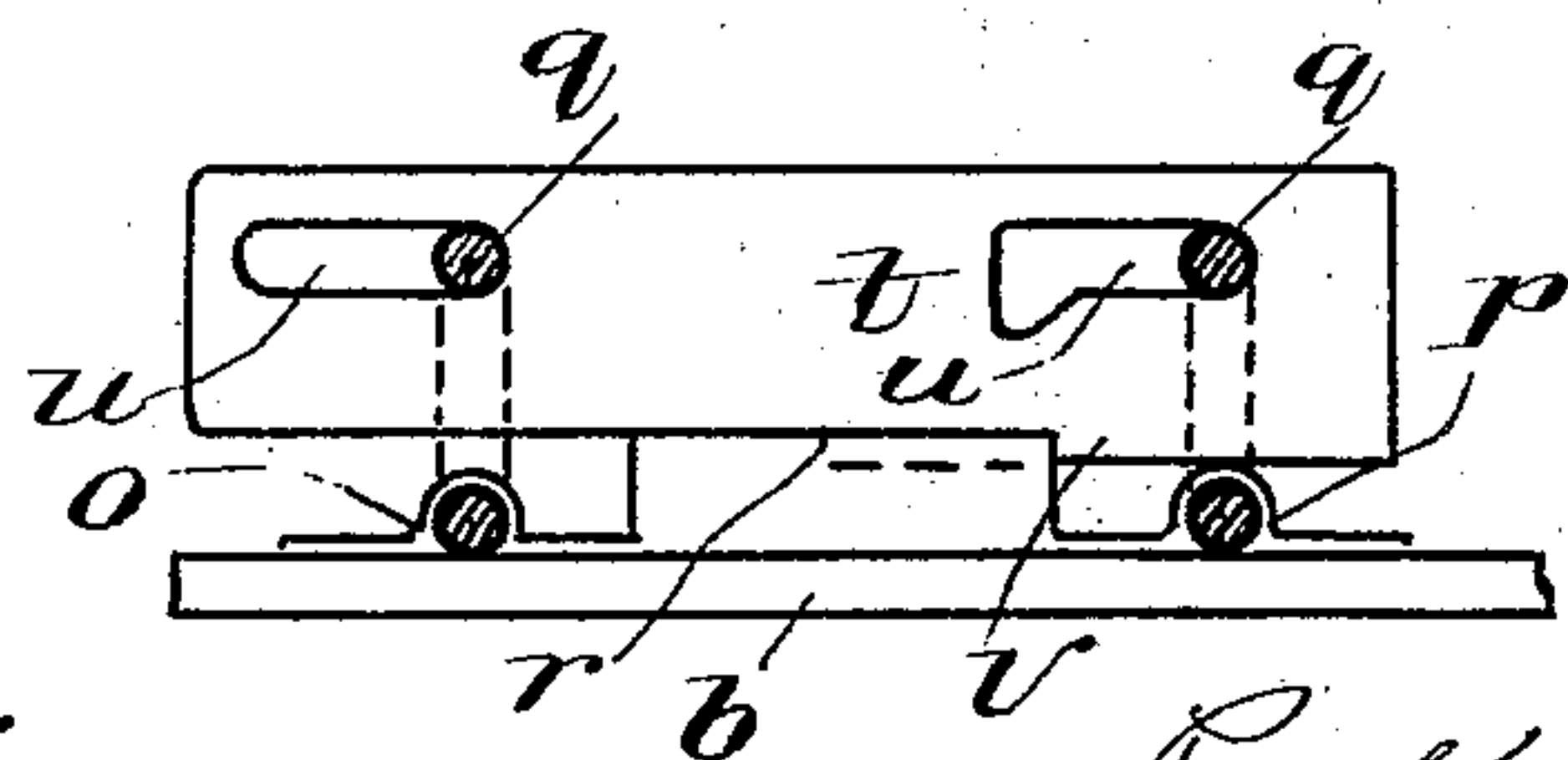


Fig. 9



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UNITED STATES PATENT OFFICE.

OTTO HOSSFELD AND PAUL KÜSSNER, OF BERLIN, GERMANY.

BILL-FILE.

SPECIFICATION forming part of Letters Patent No. 528,947, dated November 13, 1894.

Application filed February 20, 1893. Serial No. 463,083. (No model.) Patented in England February 9, 1894, No. 2,924.

To all whom it may concern:

Be it known that we, OTTO HOSSFELD, merchant, of Paulstrasse 7, Berlin, N. W., and PAUL KÜSSNER, metal-worker, of Jacobikirchstrasse 1, Berlin, S., in the Empire of Germany, have invented a new and useful Improvement in Bill-Files, (patented in England February 9, 1894, No. 2,924,) of which the following is a specification.

10 This invention relates to certain improvements in bill files and has for its object to provide a filing case for bills, letters and other documents of a simple, inexpensive and durable construction, which shall possess certain
15 advantages over other devices of a similar nature heretofore in use, all as will be hereinafter fully set forth.

The novel features of our invention will be carefully defined in the claims.

20 In order that our invention may be the better understood, we have illustrated in the accompanying drawings a file embodying our improvements, in which drawings—

Figure 1 is a plan view of the file opened
25 and ready for use, and Fig. 2 is a side view of the same. Figs. 3 and 4 are respectively plan and side views of the device showing it in its closed position. Figs. 5 and 6 are plan views of the perforator, showing the same in its
30 opened and closed positions respectively. Fig. 7 is a side view of the perforator in its closed position. Fig. 8 is a side view of the complete file closed, and Fig. 9 is a detail view to be hereinafter referred to.

35 This portfolio possesses the great advantage of being highly practical and easy to handle, being combined at the same time with a perforator for the letters. It consists of the two side walls *a* and *c* and the back *b*. On
40 side *a* a plate *d* is fixed connected with a plate *f* by means of hinge *e*. These two plates *d* and *f* form the paper perforator, *d* being provided with pins *g g*, and *f* with corresponding holes *h h*. Two wires *k* are hinged at *i* to the
45 plate *f* one of which has a bevel end *l* and the other an offset *m*. On the back *b* a plate *n* is fixed to which are secured two wires *q* in two sleeve bearings *o* and *p*, which wires correspond with *l* and *m* by a similar bevel and
50 offset *l'* and *m'*.

r is a binding-piece fixed upon *n* and pro-

vided with slits *s* in which a plate *t* having elongated holes *u* for the passage of the wires *q* can be secured said plate being secured in the slot by means of shoulderblade *v* as shown 55 in Fig. 9 in dotted lines.

The mode of handling this portfolio is as follows: At first the letter is perforated by placing the paper edge close to the hinge *e* and by pressing plate *f* down on *d*, now the 60 letter is slid, with its holes on wires *q* and plate *t* is followed up, in order to press the letter against the others. By pushing now the plate *t* upward, so that the papers are compressed and then sidewise so that its 65 blade *v* enters the most convenient slit *s* of the binder, the papers will be held in a compressed condition. In order to take a letter out from the middle, the wires *q* and *k* have to be joined together so that the bevel ends *l* 70 and *l'* and the offsets *m* and *m'*, overlap each other. The bevel *l* thereby covers the bevel *l'* and the offset *m* by slightly bending the wires is pushed under the offset *m'* so that the wires *k* and *q* are fairly interlocked. Now in free- 75 ing the plate *t* said plate is pushed sidewise so as to free its blade *v* from the slit in binding piece *r* whereupon said plate will be free so that it and a part of the letters may be 80 paper from the middle of the file may be removed.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. A portfolio having in its back, a plate *n* 85 with a slotted binder *r* said plate being provided with wires *q* in combination with a plate *t*, hung on said wires and provided with a shoulderblade to fit any of the slits of the binder, substantially as set forth. 90

2. A portfolio having in its back a plate *n* with a slotted binder *r* said plate being provided with wires *q* adapted to slide in sleeve bearings in combination with a plate *t*, hung on said wires and provided with a shoulder 95 blade to fit any of the slits of the binder, substantially as set forth.

3. A portfolio having in its back a plate *n* with a slotted binder *r* said plate being provided with wires *q* one having a beveled end, 100 and the other having an offset and a perforated plate *t* slidingly mounted on said wires

and adapted to enter the slots in the binder, in combination with a paper perforator composed of two hinged plates provided with pins and corresponding holes, and having
5 hinged to one plate thereof two wires one with a beveled end and the other with an offset, corresponding to the bevel and offset of wires *q*, substantially as described and shown in the drawings.

In witness whereof we have hereunto signed our names in the presence of two subscribing witnesses.

OTTO HOSSFELD.
PAUL KÜSSNER.

Witnesses:

JOH. WALLMANN,
W. HAUPT.