

No. 865,565.

PATENTED SEPT. 10, 1907.

S. BROWN.
TYPE FONT OR HOLDER.
APPLICATION FILED JUNE 11, 1906.

Fig. I.

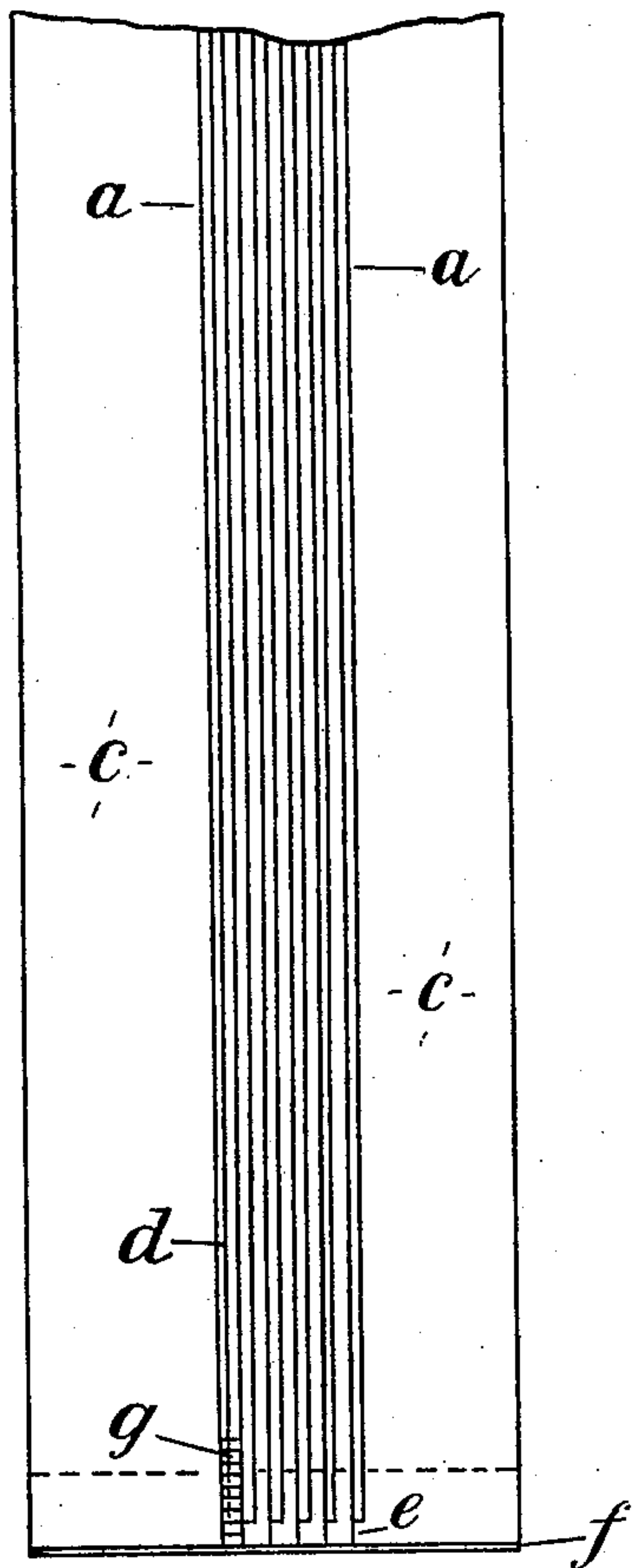


Fig. II.



Fig. IV.

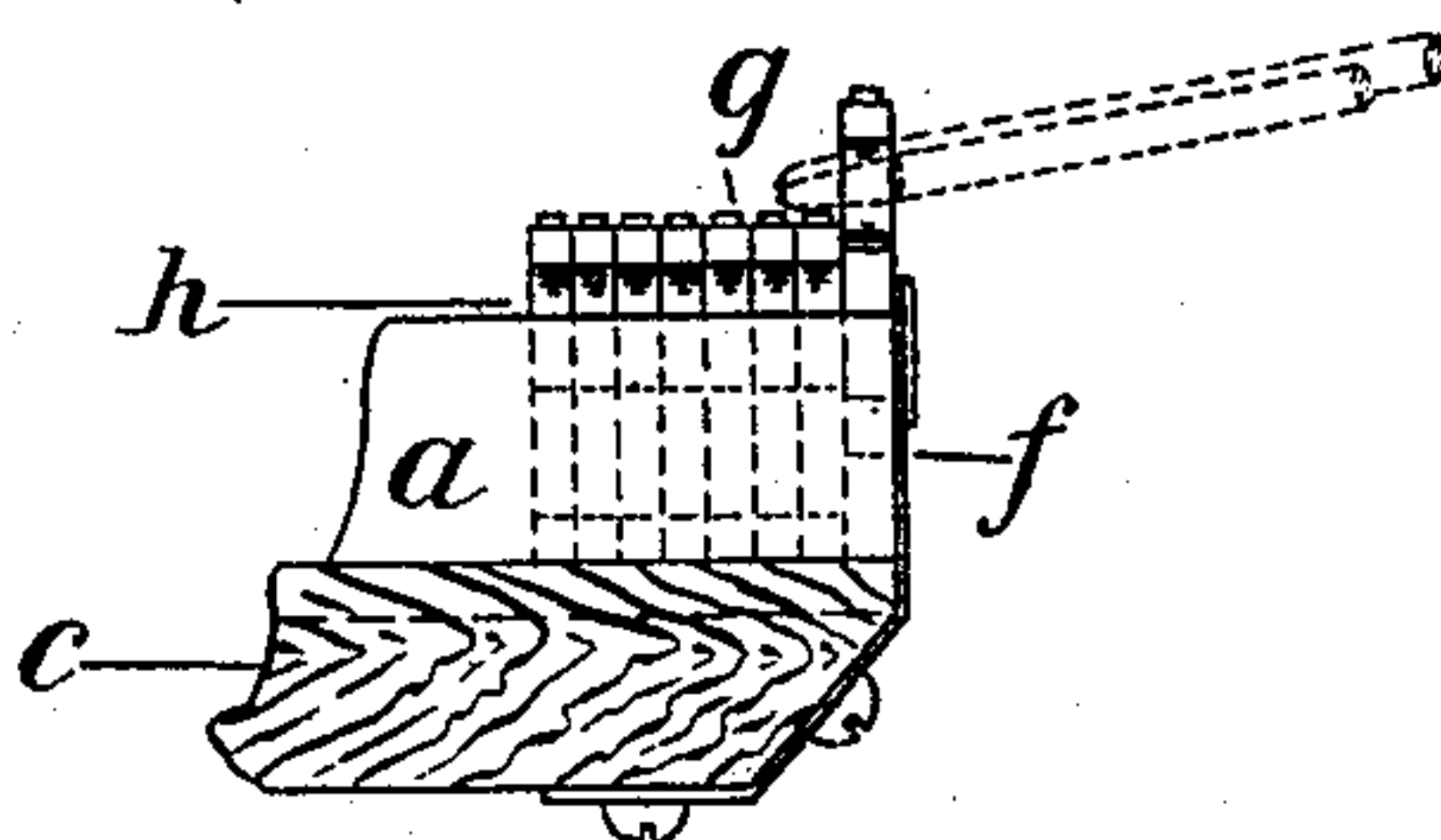
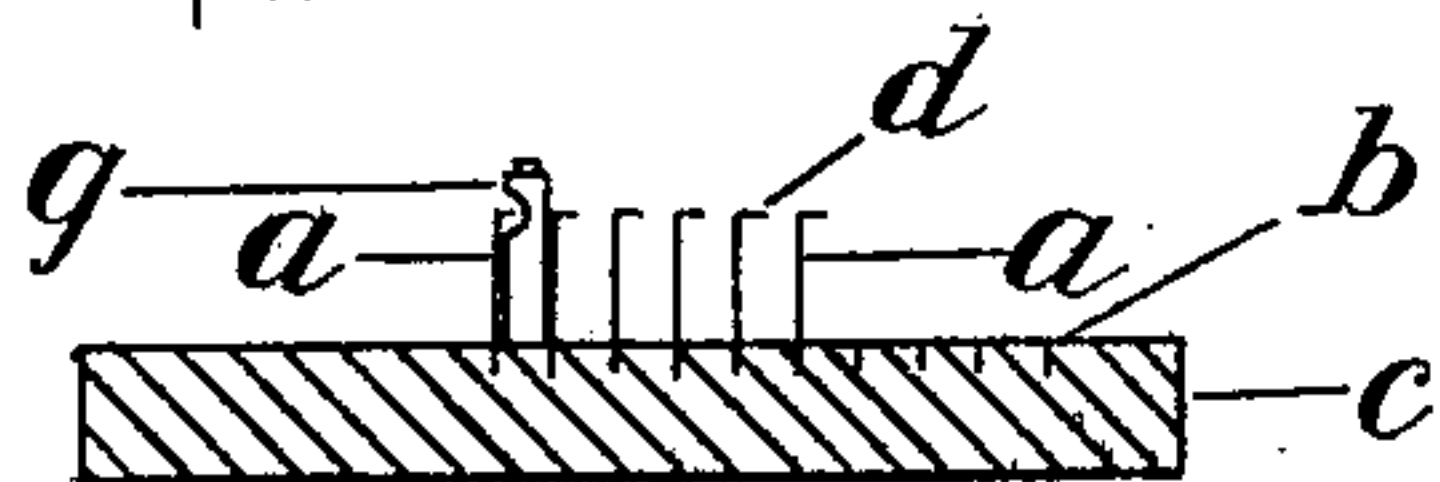


Fig. II.



Witnesses.
Milton W. Brewster
Ira Dean

Inventor
Summers Brown
by Wm H Babcock
Attorney

UNITED STATES PATENT OFFICE.

SUMMERS BROWN, OF LONDON, ENGLAND.

TYPE FONT OR HOLDER.

No. 865,565.

Specification of Letters Patent.

Patented Sept. 10, 1907.

Application filed June 11, 1906. Serial No. 321,228.

To all whom it may concern:

Be it known that I, SUMMERS BROWN, residing at 40 Whitecross street, London, England, have invented a certain new and useful Improvement in Type Fonts or
5 Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
pertains to make and use the same.

My invention consists in an improved type font or
10 holder.

The construction and operation will be readily understood by reference to the drawing in which:—

Figure 1. is a front view of the font or holder with the letters or other type characters in position. Fig 2. is
15 an end view of the channel or groove, and also shows method of mounting the strip in seat. Fig. 3. is an elevation of ordinary type letter or other character. Fig. 4. is a side elevation of font or holder showing a raised type character which is lifted out by a prong shaped
20 composing stick shown in dotted lines.

In the drawing *a, a*, are a series of metallic strips, the lower unflanged ends of which are forced into grooves *b*, which may in the case of a wooden seat or backing *c*, consist of a series of fine saw cuts, or the grooves in the
25 case of a metallic or other backing may be formed by means of a saw cut, into which the strips are forced, and if necessary secured by solder, clamping or the like, but in any case said strips must be so mounted in the grooves as to be perfectly free from shake and to pre-
30 serve their individual alinement. Each strip is flanged or bent over as at *d*, at its outer end, so as to form a right angle, a small portion of the flange of each strip being cut away as at *e*, just above the sill plate *f* mounted in any suitable manner at the base of the font of sufficient
35 size to allow the type letter or character to be withdrawn. The strips, backing and sill plate aforesaid, collectively constitute the font or type holder the sill plate *f* being of such a height as to allow the pointed ends of the composing stick hereinafter referred to, as
40 being employed for removing the type or other characters, to enter the groove *h* formed in each type character, and enable the same to be pried up, or lifted out from the font, the said sill plate serving as a fulcrum for the needle or pointed end of the stick in such oper-
45 ation.

Each type letter or character *g*, has a semi-circular or

other shaped notch *h*, formed on one or both sides near its outer end, which prevents its falling out of its respective groove, and also enables it to be gripped and
50 lifted out by means of a composing stick or fork having pointed ends shown in dotted lines in Fig. 4.

The operation of my invention is as follows:—The type characters *g*, are fed into their respective grooves *a*, from the top, and rest when so filled in upon the sill plate *f*, fixed to the base of the backing. To set up the
55 type, I prefer to employ a composing stick consisting of two rods joined together at their base, and having two pointed ends adapted for entering the groove *h*, formed in each type character, as shown in Fig. 4. The composing stick is then jerked forward, and one type letter,
60 or character is released and falls into the groove in the stick.

I do not lay claim to either the construction or use of the composing stick, which is here merely referred to and shown in dotted lines in the drawing to enable the
65 removal of the type letters to be clearly understood.

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

1. A type font or type holder for laterally notched type composed of parallel strips sunk into saw-cuts formed in
70 the backing, which form alining grooves for said type, and a sill attached to said backing, for supporting the type characters, the said sill being of such height as to permit the type-removing implement to enter the notches of the
75 type, the sill also affording a fulcrum to said implement in prying out the type.

2. In combination with a sill plate, a type holder provided with grooves for holding the type in vertical columns and strips with lateral flanges adapted to enter lateral
80 notches of said type and maintain its alinement, part of the lateral flange of said strip being cut away above the sill plate to allow the type to be withdrawn substantially as set forth.

3. In combination with a type font or holder provided with parallel strips forming grooves between them and
85 having lateral flanges for engaging with lateral notches of said type, of a backing formed with saw cuts for securing and maintaining the alinement of said strips, and a sill plate attached to said backing, adapted to assist as a
90 fulcrum for a lifting stick or needle the removal of the type characters in the manner set forth.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

SUMMERS BROWN.

Witnesses:

RICHARD C. ROGERS,
FREDK. L. RAND.