

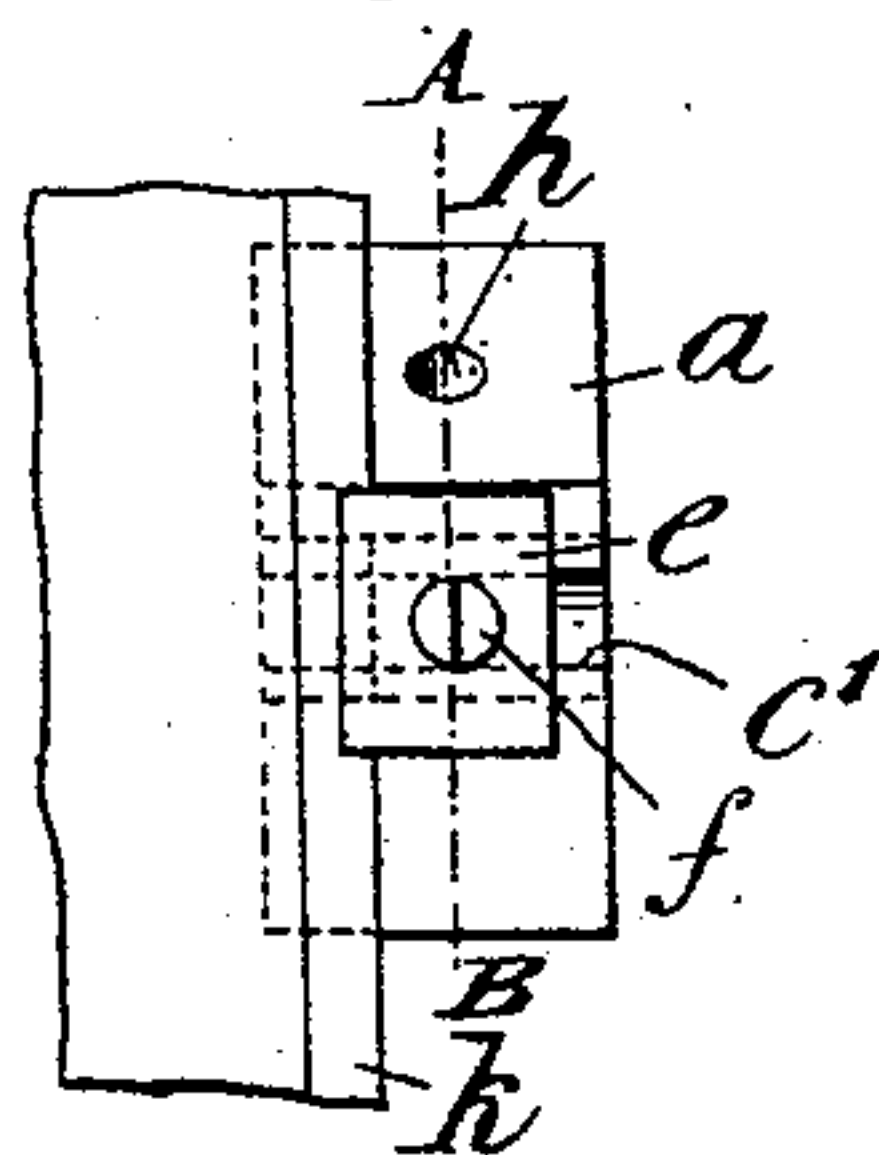
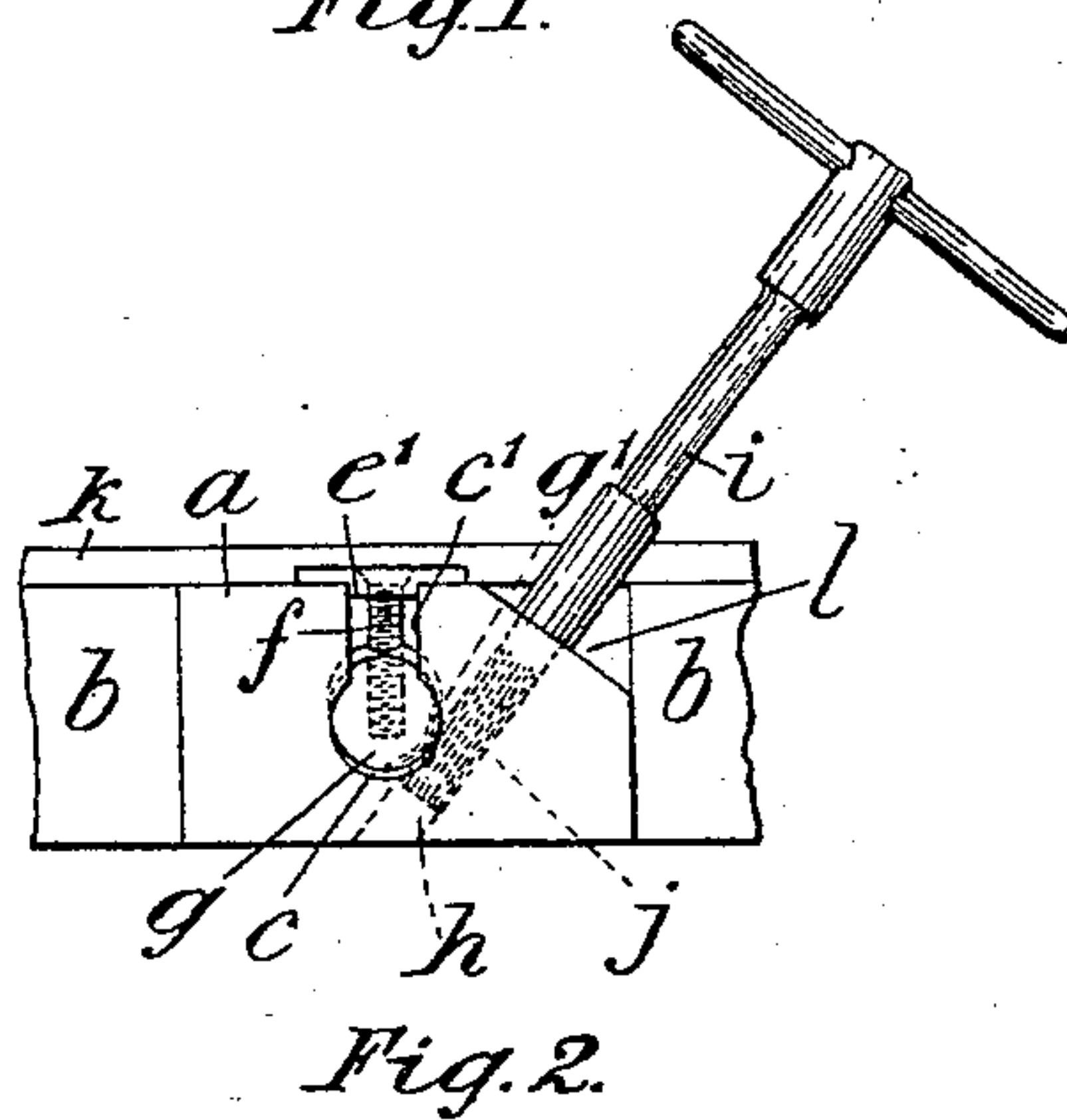
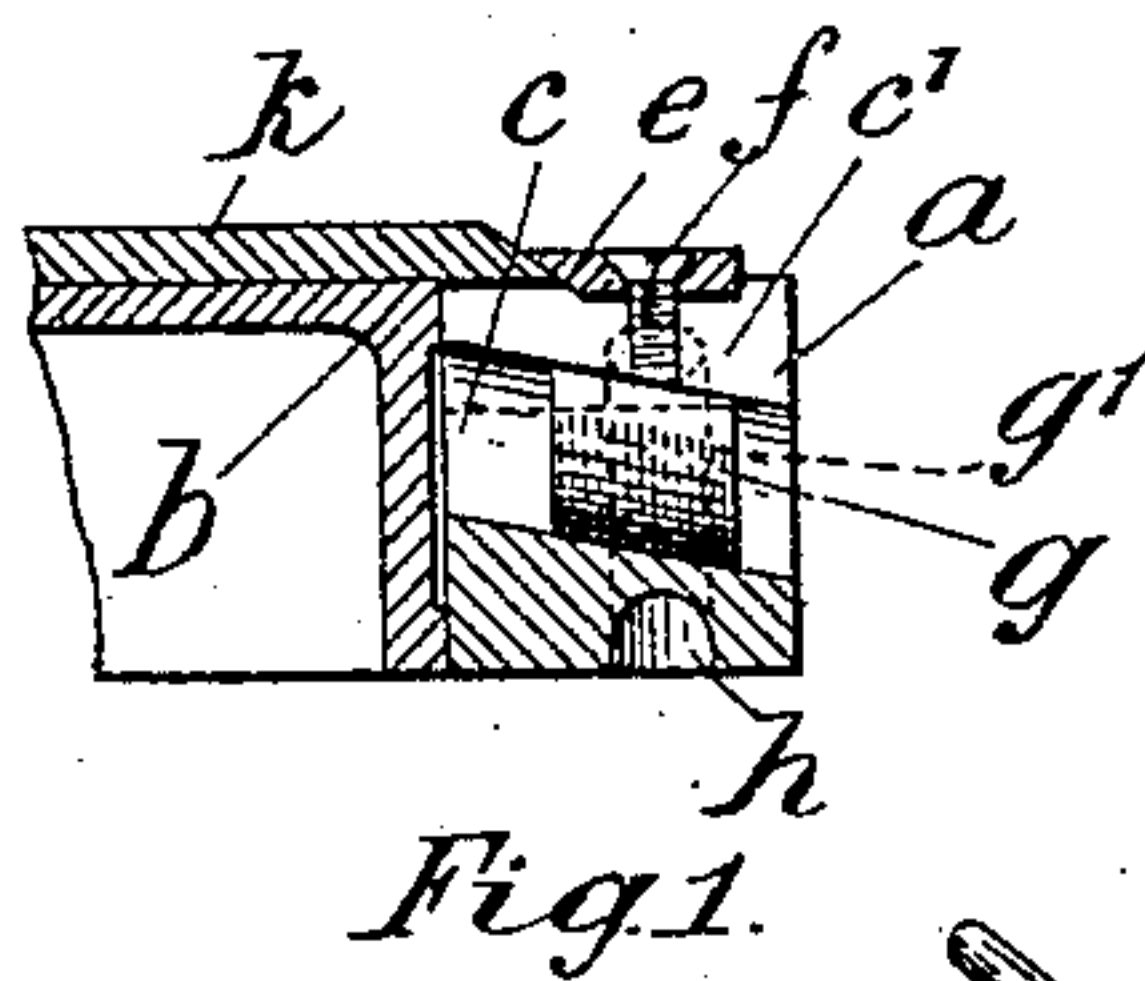
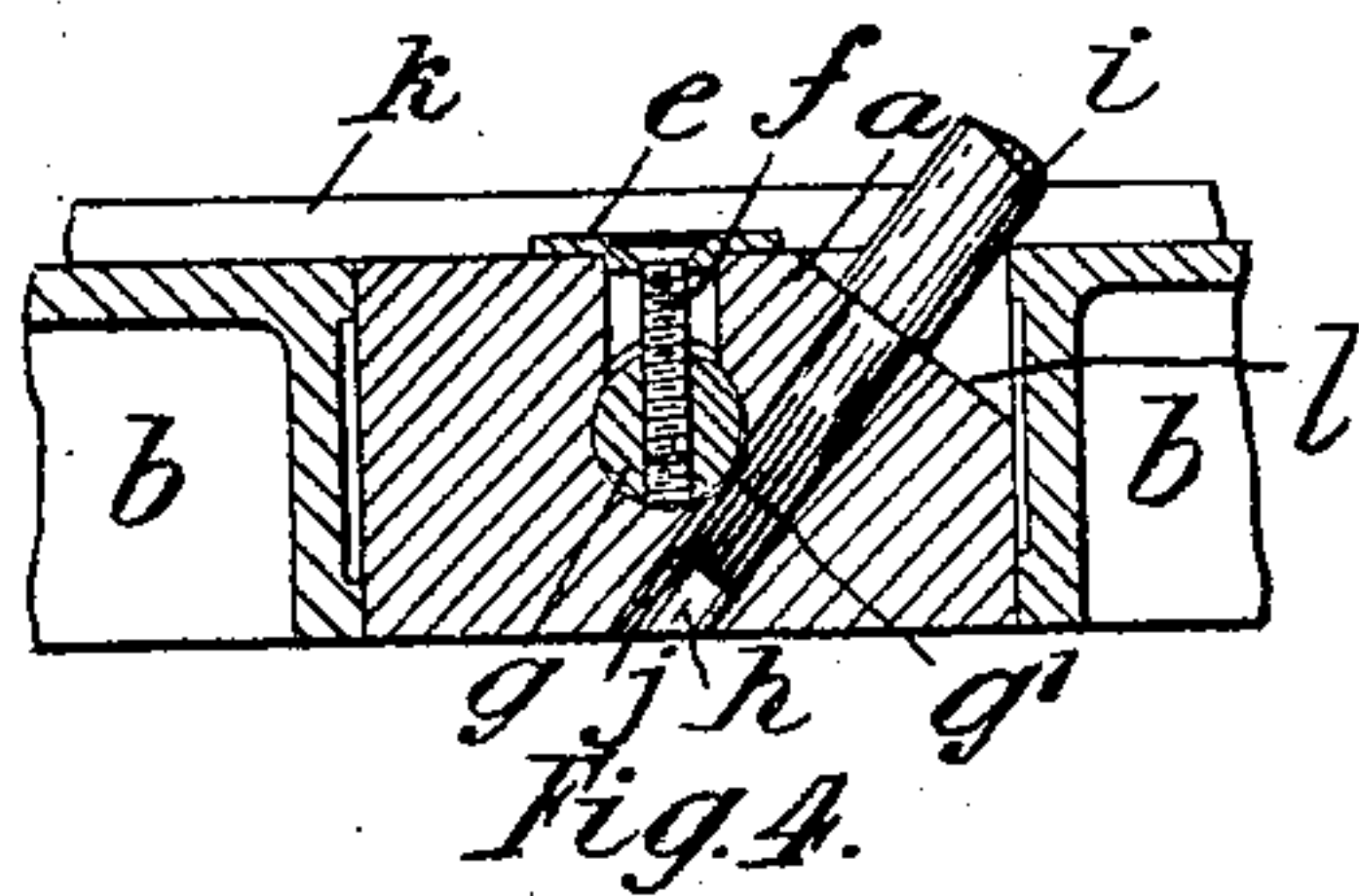
No. 859,202.

PATENTED JULY 9, 1907.

J. A. COREY.

CATCH BLOCK OR MOUNTING BLOCK FOR PRINTING SURFACES.

APPLICATION FILED JULY 10, 1905.



Witnesses

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# UNITED STATES PATENT OFFICE.

JAMES ALBERT COREY, OF TWICKENHAM, ENGLAND.

## CATCH-BLOCK OR MOUNTING-BLOCK FOR PRINTING-SURFACES.

No. 859,202.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed July 10, 1905. Serial No. 269,015.

*To all whom it may concern:*

Be it known that I, JAMES ALBERT COREY, a citizen of the United States of America, residing at Ontario, Cole Park road, Twickenham, England, have invented  
5 an Improved Catch-Block or Mounting-Block for Printing-Surfaces, of which the following is a specification.

This invention relates to clips or catches for mounting stereotype, electrotpe, and other printing surfaces.

The invention is more especially applicable to unit  
10 and other catch blocks provided according to the prior application No. 238461 dated 27th December 1904, but it is of general application to clips or catches for mounting stereotype, electrotpe, and other printing surfaces.

15 According to the invention I provide the nut or other part with which the clip or catch is connected with teeth or threads, by means of which the nut and the clip or catch may be slightly moved so as to secure a very fine adjustment thereof, by which the stereotype,  
20 electrotpe, or other printing surface may be securely and firmly mounted and held.

The invention is illustrated in the accompanying drawings, in which

Figure 1 is a section of a unit catch block provided  
25 according to the invention, in which figure the catch block is shown holding the edge of an electrotpe plate. Fig. 2 is a partial front elevation corresponding to Fig. 1, in which the tool provided for adjusting the clip or catch is illustrated, Fig. 3 is a partial plan corresponding to Figs. 1 and 2, while Fig. 4 is a section on the line  
30 A B Fig. 3.

In carrying the invention into effect as illustrated in the accompanying drawings, in its application to a unit catch block, I provide a block *a* of a height corresponding to the height of the mounting block *b*, and I provide  
35 transversely in the said block a hole *c* at a slight inclination to the horizontal top face of the block, as illustrated more particularly in Fig. 1. The width of the slot or groove *c'* on the top face of the unit catch block *a*  
40 it will be understood is less than that of the hole *c*, so as thus to yield an underface or surface which is upwardly inclined towards the mounting block *b*. The catch or clip *e* is advantageously mounted on the catch block at right angles to the slot *c'* aforesaid, being mounted in  
45 proper position by means of a projecting boss *e'* formed on the underface thereof and lying within the slot *c'* aforesaid. The catch or clip is secured in posi-

tion advantageously by means of a screw *f* passing through a nut *g* which lies in the lower inclined cylindrical hole *c* in the catch block, this nut being advantageously provided of slightly elongated form and being so positioned that its top face will have the same inclination as the underface of the groove or hole in the catch block, that is to say, the nut being advantageously of cylindrical form exactly corresponding with  
50 the cylindrical hole *c* in the catch block. This nut *g* is provided on one side with serrations or teeth *g'*, and a hole *h* is provided in a position such as that indicated in Fig. 2, so that on the introduction of the spindle *i* within the hole *h* the pinion *j* provided at its extremity  
55 will be positioned to gear with the teeth or serrations *g'* provided upon the nut *g* so that thus on turning the spindle *i* in one direction or the other the nut *g* may be moved within the hole *c*, and thus the finest possible adjustment may be given to the clip or catch *e*, and the  
60 latter may be adjusted so as to be applied with pressure upon the edge of the printing plate or surface *k*, so that thus it may be firmly mounted and secured in position. The edge of the unit catch block may be conveniently cut away as at *l* to form a face transversely to the hole *h*.  
65 It will however be understood that the hole *h* for the introduction of the spindle *j* may be disposed at any suitable angle, and if desired the spindle may be formed with a slotted head for operation by a turn-screw, the head of the turn-screw lying flush or beneath  
70 the top face of the catch block.

What I claim as my invention and desire to secure by Letters Patent is.

1. In a plate holding device for stereotype, electrotpe and other printing surfaces, a clip or catch, means for moving said clip or catch consisting of a cylindrical block  
75 fixedly connected to the clip or catch, and adapted to be operated by rotating toothed tool and a member having an inclined groove within which said cylindrical block moves.

2. In a plate holding device for stereotype electrotpe  
80 and other printing surfaces, a clip or catch means for moving said clip or catch consisting of a cylindrical block fixedly connected to the clip or catch said cylindrical block being adapted to gear with a rotating toothed tool, and a member having an inclined groove within which  
85 said cylindrical block moves.

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

J. A. COREY.

In the presence of—

WILLIAM EDWARD EVANS,  
GÜNTHER LUDWIG LÜBCKE.