

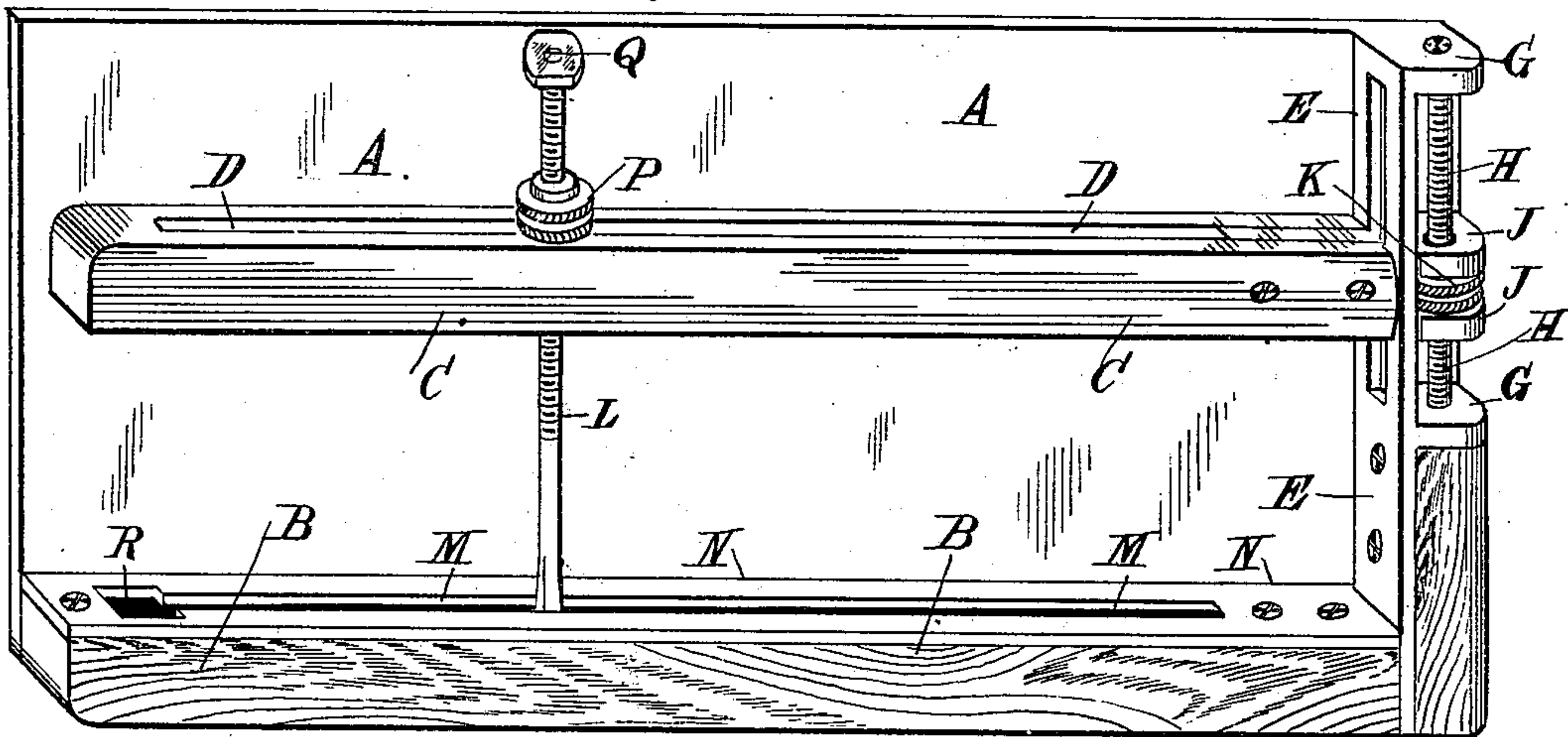
(No Model.)

A. W. TOWNSHEND.  
PRINTER'S GALLEY.

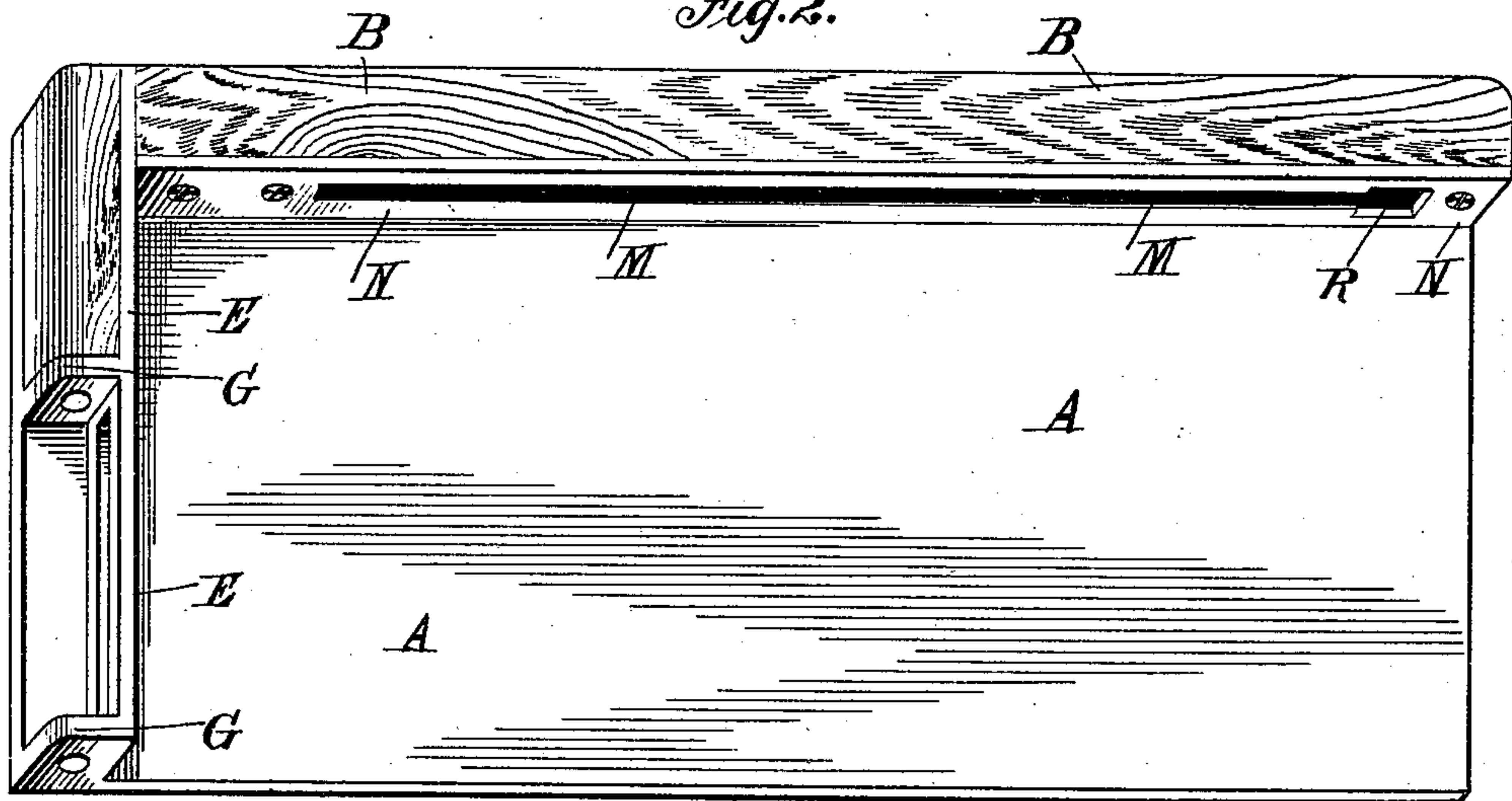
No. 547,745.

Patented Oct. 8, 1895.

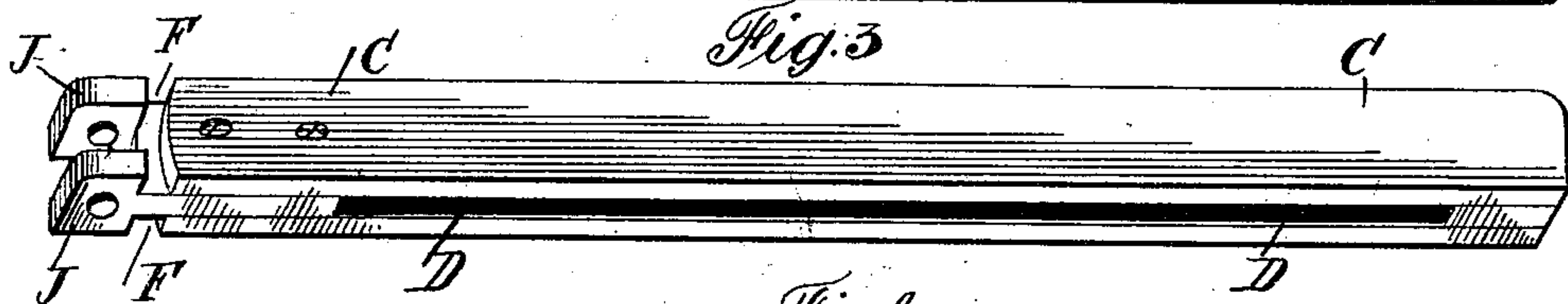
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses.

Thos. A. Green

Robert Emmett

Inventor.

Arthur W. Townshend.

By James L. Norris.

Atty.



# UNITED STATES PATENT OFFICE.

ARTHUR WALTER TOWNSHEND, OF CAPE TOWN, CAPE COLONY.

## PRINTER'S GALLEY.

**SPECIFICATION** forming part of Letters Patent No. 547,745, dated October 8, 1895.

Application filed July 6, 1895. Serial No. 555,150. (No model.) Patented in England September 19, 1894, No. 17,784.

*To all whom it may concern:*

Be it known that I, ARTHUR WALTER TOWNSHEND, a subject of the Queen of Great Britain, and a resident of Caxton Cottage, Cape Town, Cape Colony, have invented certain new and useful Improvements in or Connected with Printers' Galleys, (patented in Great Britain, No. 17,784, dated September 19, 1894,) of which the following is a specification.

10 This invention has for its object a novel construction of galleys for use by printers' compositors for locating type as composed and for locking up same in column or other widths ready for the printer to produce "pulls," such  
15 as for the "reader" or for other examination or correction.

The invention consists of a metal base, as is usual, but with one fixed rib only, (say at bottom,) the other rib (say at top) being movable and affixable by fly-nuts or screws, one of which screws is fixed at one end and the other shiftable along slots in both ribs, in order to accommodate the locking up of any quantity or lines of type there may be on the  
20 galley. The movable screw has a T-head to run in and be guided by the slot in the fixed rib and preferably under the lips of a strip secured to such rib, said strip serving to resist the nip of the movable screw when the  
25 movable and slotted rib is tightened up and the type locked. The slot of the fixed rib is scored more openly at one or at both ends to permit of the movable screw-head being lifted clear when the column of type has to be  
30 drawn off or otherwise removed.

By this invention the usual compositors' furniture, quoins, and sticks can be dispensed with and the locking up be expedited.

My invention will be clearly understood by  
40 reference to the annexed drawings.

Figure 1 is an elevation of my galley with all the parts in the position they occupy. Fig. 2 is a view of the back or bottom plate upside down; Fig. 3, an elevation of the movable  
45 and adjustable top rib, and Fig. 4, an elevation of the removable screw.

A is the back or bottom plate; B, the fixed, yet grooved bottom rib or foot; C, the upper rib or strip, slotted for nearly its full length  
50 at D.

E is the fixed end, also slotted for the neck F of the rib C to be moved up and down.

G G are two step-pieces, between which is a fixed screw H and over which the head J of the strip C has free motion. 55

K is a fly or runner nut on the screw H for bearing on the heads J J when it has to bear upon and fix the type, and also to release same when required.

L is a loose screw with a T-head L' to slide 60 in the groove M of the bottom strip B and with the upper edge of the T pressing against the under side of the slotted plate N, secured on the bottom strip, said screw passing through the slot of the upper strip C and adjustable therein according to the depth of the column or quantity of type on the galley, said screw L also having a fly or runner nut P to bear upon and press the free end of the strip C down. This screw is prevented turning by  
65 its head nearly filling the groove in B and by the form of the disk Q, which may rest on the base or back plate A.

The screw L is easily removable from the galley when slid along to the enlarged opening R of the rib B. 75

What I claim, and desire to secure by Letters Patent, is—

1. A printer's galley, consisting of a base plate having a fixed rib provided with a longitudinal groove and an enlarged opening at one end portion of the groove, a movable rib adjustable toward and from the fixed rib, and having a longitudinal slot, a screw adjusting device arranged in operative connection with  
80 one end of the movable rib, and a screw extending through the slot of the movable rib, engaging the longitudinal groove of the fixed rib and movable along the groove and slot, substantially as and for the purposes described. 90

2. A printer's galley, consisting of a base plate having a fixed bottom rib B and a fixed slotted end E, a screw fixed in juxtaposition to the slotted end, a movable rib adjustable toward and from the fixed bottom rib and having one end extending through the slotted end and mounted on the screw, a rotary nut engaging one end of the movable rib and adapted to traverse said screw, and a screw L  
95 engaging the fixed and movable ribs and adjustable longitudinally thereof, substantially as and for the purposes described. 100

3. A printer's galley, consisting of a base

plate having a fixed rib provided with a longitudinal groove, a movable rib adjustable toward and from the fixed rib and having a longitudinal slot, a screw mounted at one end  
5 of the base plate, a rotary nut engaging one end of the movable rib and adapted to traverse the said screw, and a screw loosely extending through the slot of the movable rib, engaging the groove of the fixed rib and movable  
10 longitudinally in the groove and slot, substantially as and for the purposes described.

4. A printer's galley, consisting of two ribs, one of which is movable toward and from the other, a screw adjusting device engaging one

end of the movable rib for adjusting the latter, and a screw engaging the two ribs between their end portions and adjustable longitudinally to different positions along said ribs, substantially as and for the purposes described.

In witness whereof I have hereto signed my name, in the presence of the subscribing witnesses, this 28th day of November, 1894.

ARTHUR WALTER TOWNSHEND.

Witnesses:

WILLIAM EDWARD MOORE,  
FRANK REUBEN CRIGHTON,  
DANIEL BRINK.