

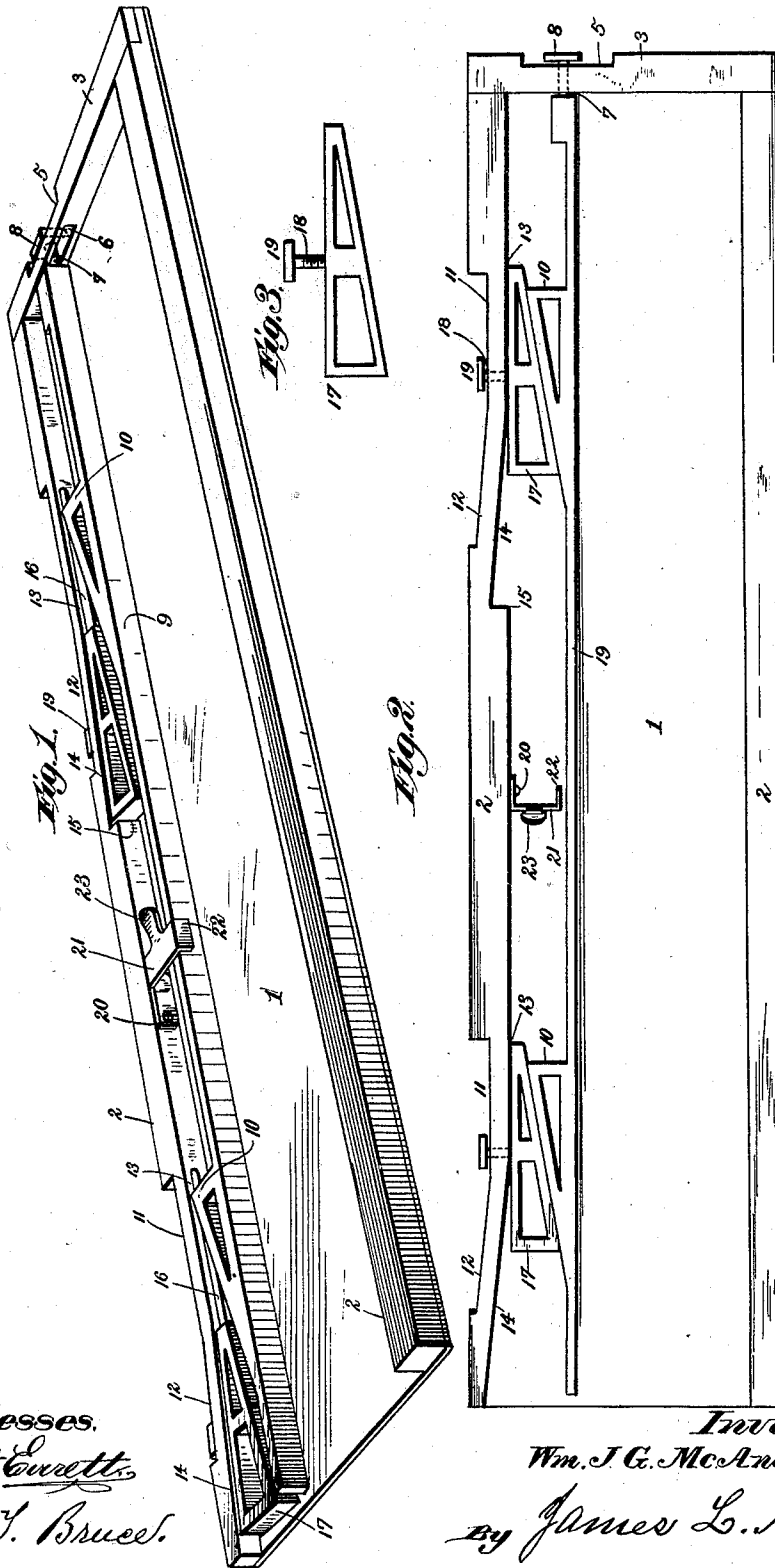
(Model.)

W. J. G. McANDREW.

PRINTERS' GALLEY.

No. 257,504.

Patented May 9, 1882.



Witnesses.  
*Robert Everett.*  
*Geo. J. Bruce.*

Inventor.  
*Wm. J. G. McAndrew.*  
By *James L. Norris,*  
*Atty.*

# UNITED STATES PATENT OFFICE.

WILLIAM J. G. McANDREW, OF HAMILTON, ONTARIO, CANADA, ASSIGNOR OF TWO-THIRDS TO JOHN EASTWOOD AND REGINALD KENNEDY, OF SAME PLACE.

## PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 257,504, dated May 9, 1882.

Application filed December 9, 1881. (Model.)

*To all whom it may concern:*

Be it known that I, WM. JOHN GEORGE McANDREW, of the city of Hamilton, in the county of Wentworth, in the Province of Ontario, Dominion of Canada, printer, have invented certain new and useful Improvements on Printers' Galleys; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same.

This invention relates to that class of printers' galleys which are composed of a metallic bottom plate surrounded on three sides by a wooden frame, and provided with a side-stick adjusted against the type by means of sliding wedges.

The object of my invention is to improve the construction of such printers' galleys, so that the wedges, when adjusted to release the side-stick, will have a movement imparted to them in a direction away from the stick, and when adjusted to lock the stick in position a movement is imparted to them in a direction toward said stick, whereby the parts are adapted to be quickly adjusted and the said stick can be brought close to one side of the wooden frame, thereby increasing the type-receiving space, which results are not provided in printers' galleys as heretofore constructed, in which the wedges move in a straight path.

The object of my invention is accomplished by the construction of parts illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a printer's galley constructed in accordance with my invention. Fig. 2 is a plan or top view of the same, and Fig. 3 is a detached plan view of one of the adjusting-wedges.

The frame of the galley is composed of a metallic bottom plate, 1, longitudinal wooden strips 2 at the edges thereof, and a transverse wooden strip, 3, at one end of the same. The transverse strip 3 is constructed with a recess, 5, and a transverse elongated slot, 6, in which slot and recess are arranged respectively the projecting stud 7 and square head 8 of the adjustable side-stick 9. The side-stick is preferably composed of metal, and is formed or otherwise provided with wedge-shaped projections

10, of skeleton form. The wooden strip 2, which is adjacent to the wedge-shaped projections of the side-stick, is recessed on its outer surface to form a straight bearing, 11, and an inclined bearing, 12, and on its inner surface said wooden strip is provided with a straight bearing, 13, and an inclined bearing, 14, the latter terminating at one end in a shoulder, 15. The said straight bearings are parallel with each other, as are the inclined bearings, and the wooden strip is transversely slotted, as shown at 16, said slot extending along the straight portions 11 and 13 and into the inclined portions 12 and 14. The adjusting-wedges 17 are provided on their straight sides, which abut the wooden strip 2, with a lateral projecting stud, 18, which passes through the slot 16, and is provided with a head, 19. The inclined faces of the adjusting-wedges and of the wedge-shaped projections on the side-stick extend in reverse directions, so that when the adjusting-wedges are driven toward the transverse strip 3 at one end of the galley the side-stick will be forced against the column of type, and when the said wedges are driven in the opposite direction they will, through the instrumentality of the inclined bearing 12, be drawn quickly away from the wedge-shaped projections on the side-stick, and the wider end of one wedge will rest against the shoulder 15 of the wooden strip 2. This construction and arrangement of parts causes the wedges to be drawn in a direction away from the side-stick and occupy a seat formed by the inclined bearing 14. At or near the center of the wooden strip 2 is pivoted at 20 a latch, 21, having a downwardly-projecting lip, 22, and a thumb-piece, 23, the object of which is to engage the side-stick and hold the latter while the type are being placed in the galley, and thereby the side-stick will be prevented from falling against the type. After the type has been properly placed in the galley the latch 21 is elevated to the position shown in Fig. 2, and the wedges 17 are then driven toward one end of the galley, which has the effect of binding and securely confining the type in proper position.

By means of the recesses formed by the inclined bearings 14 it will be obvious that when

the wedges are seated in said recesses the side-stick can be brought close to the longitudinal wooden strip 2, by which means I provide an increased space in the galley for the reception  
5 of type, which is an advantage over those galleys in which the wedges are adjusted on a straight bearing-surface, as heretofore. The headed studs or projections are screw-threaded for the purpose of enabling them to be inserted  
10 through the slots 6 and 16 and secured to the side-stick and wedges, respectively.

Having thus described my invention, what I claim is—

In a printer's galley having a side-stick provided with wedge-shaped projections, the strip 15 2, constructed with the straight bearings 11 and 13 and the inclined bearings 12 and 14, and provided with the transverse elongated slot 16, in combination with the adjusting-wedges provided with projecting studs 18 and heads 19, 20 substantially as and for the purpose described.

WM. JOHN GEORGE McANDREW.

In presence of—  
WM. BRUCE,  
W. NEWSON.