J. Wilson Jr.

Printer's Galley.

No. 94053. Patented Aug. 24. 1869.

Fig. 1.

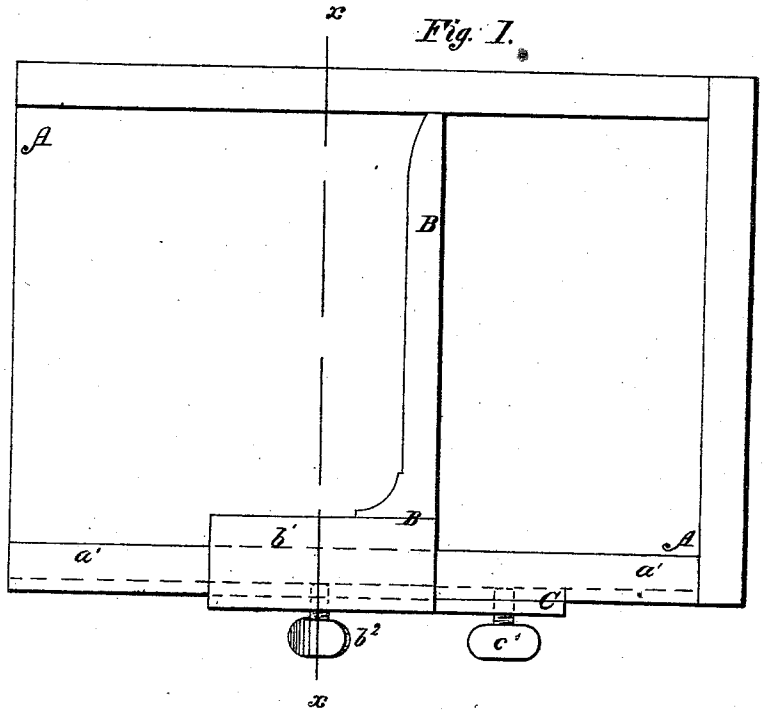
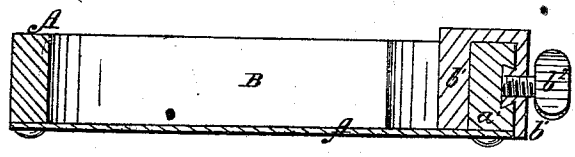


Fig. 2.



Witnesses,
John F. Brooks
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Attys.

United States Patent Office.

JAMES WILSON, JR., OF NEW YORK, ASSIGNOR TO HIMSELF AND WILLIAM QUAIL, OF WILLIAMSBURG, NEW YORK.

Letters Patent No. 94,053, *dated August* 24, 1869.

IMPROVEMENT IN PRINTERS' GALLEYS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, JAMES WILSON, Jr., of the city, county, and State of New York, have invented a new and useful Improvement in Printers' Galley; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view of my improved galley.

Figure 2 is a detail sectional view of the same, taken through the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved printers' galley, by the use of which the time lost in making register on book-forms, and the enormous wear and tear of types under the planer, and on the press, when off their feet, may be very greatly diminished, and which shall, at the same time, be simple and inexpensive in construction; and

It consists in the combination of the adjustable arm and gauge with an ordinary galley, as hereinafter more fully described.

A represents an ordinary printers' galley, about the construction of which there is nothing new, except that there is a dovetailed groove formed in the outer side of its lower flange, *a'*, as shown in fig. 2.

B is an arm, of such a length as to fit into the galley A, as shown in fig. 1, thus forming a fourth side or flange to said galley.

The lower part b^1, of the arm B, extends out at right angles to the main body of said arm, and has a groove formed in its under side, to fit upon the lower flange *a'* of the galley A.

The grooved part, b^1, of the arm B, may be formed, if desired, with a dovetailed tongue fitting into the dovetailed groove of the flange *a'* of the galley A, but this is not essential.

The arm B may be secured in place, when adjusted, by means of a thumb-screw, b^2, passing in through the outer part b^1 of the arm B, and the forward end of which enters the dovetailed groove of the flange *a'*, as shown in figs. 1 and 2.

C is a gauge, which may be made in the form of a square plate, fitting upon the outer side of the flange *a'* of the galley A, and which is provided with a dovetailed tongue, fitting into the dovetailed groove of the flange *a'*, so as to keep the gauge C always true.

The gauge C is secured in position, when adjusted, by a thumb-screw, *c'*, the forward end of which enters the dovetailed groove of the flange *a'*.

The gauge C, when adjusted to the length of the sample page, forms a perpetual gauge for any desired number of pages, and in making up, when the arm B is moved to the gauge C, it tells at once whether the page is of the right length.

I claim as new, and desire to secure by Letters Patent—

1. The combination of an adjustable arm with an ordinary printers' galley, for the purpose set forth.

2. The arm B b^1, constructed substantially as described, and provided with a thumb-screw, b^2, in combination with the flange *a'*, of an ordinary printers' galley, as and for the purposes set forth.

3. The gauge C, constructed substantially as herein shown and described, and provided with a thumb-screw, *c'*, in combination with the galley A and adjustable arm B, as and for the purpose set forth.

The above specification of my invention signed by me, this 3d day of February, 1869.

JAMES WILSON, JR.

Witnesses:

FRANK BLOCKLEY,

JAMES T. GRAHAM.