H. G. WILSON.

Printer's Distributing Galley.

No. 201,971. Patented April 2, 1878.

Fig. 1.

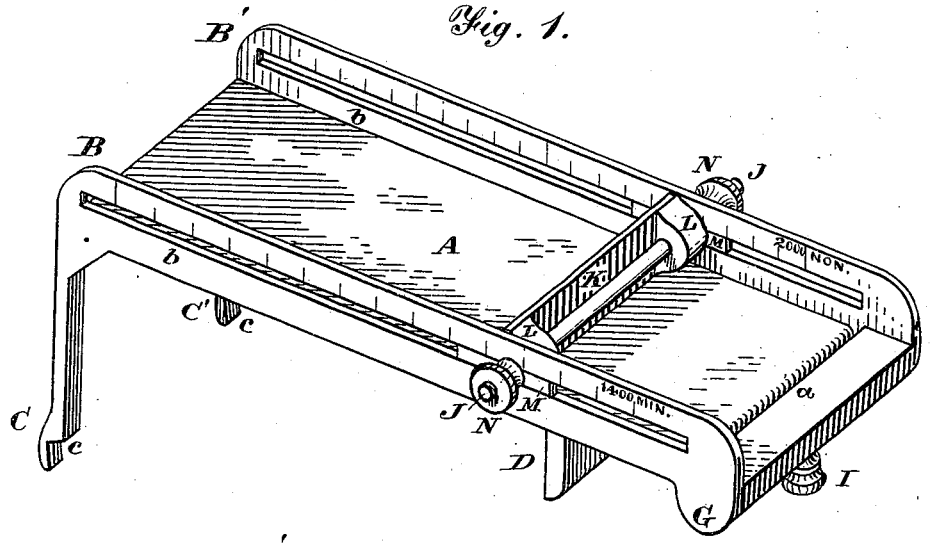


Fig. 2.

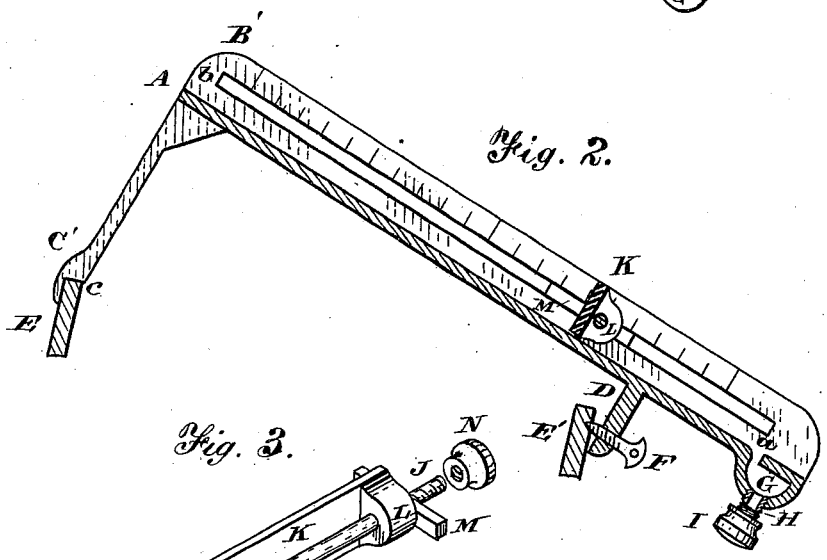
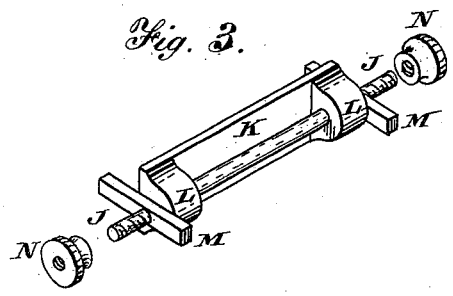


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE

HORACE G. WILSON, OF CINCINNATI, OHIO.

IMPROVEMENT IN PRINTERS' DISTRIBUTING-GALLEYS.

Specification forming part of Letters Patent No. **201,971**, dated April 2, 1878; application filed December 12, 1877.

To all whom it may concern:

Be it known that I, HORACE G. WILSON, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Printer's Distributing-Galley, of which the following is a specification:

My invention relates to a device for enabling a printer to distribute type with greater ease and certainty than is possible under the ordinary modes.

My invention, in its most complete form, comprises a galley-trough, a movable rest for supporting and advancing the column or "handful" of type, means for fixing such rest to its place of adjustment, means for attaching the galley to the type-case, and a receptacle for the dirty water which drips from the body of type.

In the accompanying drawings, Figure 1 is a perspective view of a distributing-galley embodying my improvements. Fig. 2 is a vertical longitudinal section of the same in position upon the case. Fig. 3 is a detached representation of the movable rest.

A represents the floor, and B B′ represent the sides or curbs of a trough-formed bed, which, with the other parts of my galley, may be composed of iron, brass, or other hard metal. Legs C, C′, and D, which project downward from said trough, enable its support upon and attachment to two of the partitions E E′ of the lower-case, so as to occupy the inclined position shown in Fig. 2. Gains or notches *c* in the legs C C′ prevent the galley from slipping forward, and a thumb-screw, F, tapped within leg D, and being screwed against the partition E′, enables the galley to be still further secured against displacement. At its lower edge the floor A communicates, by aperture *a*, with a small tank or receptacle, G, into which runs and collects the dirty water from the "blocked" type. A spout, H, from the bottom of this tank, closed by a stopper, I, enables the emptying of the tank, when desired, without removal of the galley from the case. The sides are slotted, as at *b*, for the traverse of screw-threaded studs J, that project from the respective ends of my movable rest K. Lugs L and heads or slides M coact with the slotted sides B B′ to maintain the rest K at the represented position of rectangularity with both floor and sides, while permitting it to be shifted lengthwise of the trough. Nuts N upon the studs J enable the rest to be fastened to its adjusted position.

The sides B B′ may be inscribed with diverse scales for different fonts, as indicated at "NON" and "MIN," respectively.

The operation of the above galley is as follows: The galley-rest having been drawn back, and the type to be distributed having been blocked, in the usual manner, by wetting, a portion of a column of suitable length is removed from the form to the galley, and the rest is then advanced, pushing the column of type before it, until the head of the column is nearly even with the top of the incline. The rest is then secured in position by means of the nuts N, or one of them. The galley is then planted upon the lower-case, the legs resting on the partition between the "t" and "u" boxes on the one side, and that between the "m" and "n" boxes on the other side. The operator then, slackening the nuts N, places his left hand on the rest K, to hold it in position, and gradually advances it as the head of the column becomes depleted by removal of the type in the act of distribution. At the same time the water that has been used to block the type drains down into the tank at the lower end of the galley.

Among the advantages of my distributing-galley may be enumerated: The printer's left hand is relieved of the great weight of type, and of the cramped position necessary to hold it, and his left hand is at the same time liberated for such duties as removing leads when distributing leaded matter, which renders distributing materially faster, or picking out immediately any type which may have been deposited in the wrong box, so as to leave a cleanly-distributed case. The device also relieves the distributer of the annoyance arising from dirty water trickling down the wrist. The improved galley, furthermore, obviates the necessity of putting down and picking up the handful of type being distributed when called to correct galleys, &c., and precludes the possibility of "pi," because the type, when put in the galley, remains securely held in position until it is all distributed. Again, the type is held at such an angle as to admit of

the light shining directly upon the face of it, so that the distributer has no difficulty in catching at a glance the next words to be taken up. In a word, my galley renders distribution more rapid, more accurate, more convenient, more agreeable, and greatly lessens the danger of making "pi."

The diverse scales on the sides enable the distributer to read off at a glance the number of thousand ems in the particular font of type used. For example, the full galley may hold and the appropriate scale represent two thousand nonpareil or one thousand four hundred minion, &c.

The width of any particular galley is, of course, made to correspond with that of the column of matter, and its length with that of the body of matter desired to be distributed at one time.

The ventage of the tank may discharge into a small gutter attached to the lower-case.

A single leg or stem terminating in a screw-clamp may be used instead of the members C, C′, D, and F, and a latch may be used instead of the nuts N.

I claim as new and of my invention—

1. The type-galley bed A B B′, having the movable rest K, supports C C′ D, and clamp F, for attachment to the type-case, substantially as set forth.

2. In combination with the galley-bed A, having the slotted sides B B′, the movable head K, having the studs J, lugs L, slides M, and nuts N, or their equivalents, substantially as set forth.

3. The galley-bed A B B′, adapted to be fixed in the described sloping position, and having the tank or receptacle G at its lower end, substantially as set forth.

In testimony of which invention I hereunto set my hand.

HORACE G. WILSON.

Attest:
GEO. H. KNIGHT,
L. H. BOND.