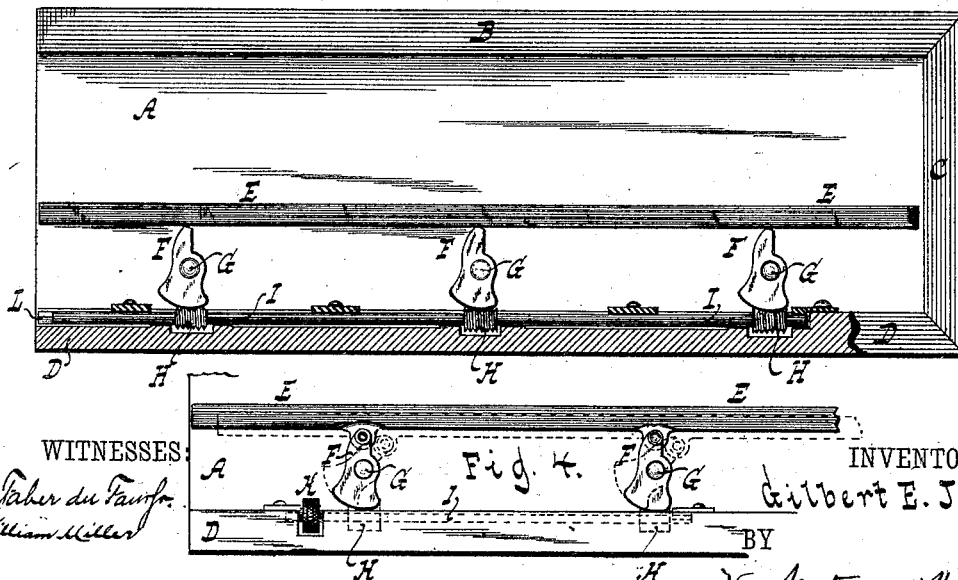
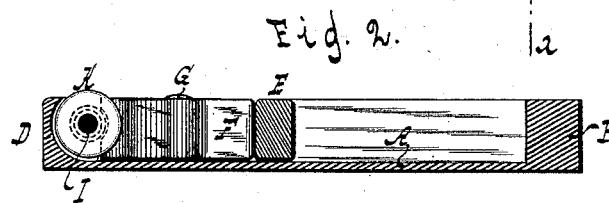
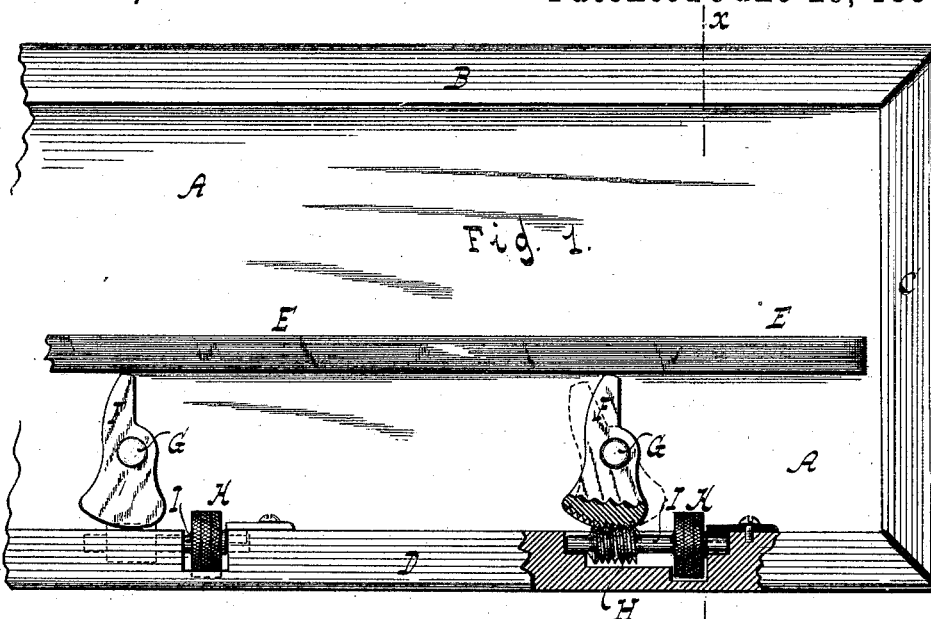


(No Model.)

G. E. JONES.
PRINTER'S GALLEY.

No. 344,741.

Patented June 29, 1886.



WITNESSES:
Alfred du Puy
William Miller

Fig. 4. A side cross-sectional view of the galley assembly, similar to Fig. 2, but showing the component 'A' in a different position. The label 'Fig. 4.' is centered above the cross-section.

INVENTOR
Gilbert E. Jones
BY
Van Nautsoud & Hauff
ATTORNEYS

UNITED STATES PATENT OFFICE.

GILBERT E. JONES, OF NEW YORK, N. Y.

PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 344,741, dated June 29, 1886.

Application filed March 5, 1886. Serial No. 194,142. (No model.)

To all whom it may concern:

Be it known that I, GILBERT E. JONES, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Printers' Galleys, of which the following is a specification.

This invention relates to galleys used by printers; and it consists in the construction of the same, as hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a plan view of a galley containing my invention, parts being broken away. Fig. 2 is a section in the plane $x x$, Fig. 1. Fig. 3 is a plan view, partly in section, of a modification of the construction shown in Fig. 1. Fig. 4 is a plan view of a modification of the construction shown in Fig. 1.

Similar letters indicate corresponding parts.

In the drawings, the letter A indicates the base or bottom, and B C D indicate the sides, of a galley-frame.

E is a side-stick, which by being moved toward the side B will lock up the matter interposed between the side-stick and the side B of the galley-frame. One or more dogs, F F, are adapted to move the side-sticks E, so as to lock up the matter. The dogs F F are shown as being adapted to swing about pins or pivots G. Said pins or pivots G are shown as being fixed to the base A, or other suitable part of the galley-frame. By causing a dog, F, to move from the position shown in dotted lines in Fig. 1 to the position shown in full lines in Fig. 1, the side-stick E, resting against such dog F, will be moved toward the side B of the galley-frame, thus locking up matter that may be between the side-stick E and the side B. The dogs F are shown as being provided with segmental gears, which engage with worm-screws H. By mounting or forming the worm-screw H upon suitable bars or axles, I, the worm-screws can be actuated as desired. The bars or axles I can be mounted or journaled in a side or any other convenient part of the galley-frame. The axles or bars I can be actuated in any suitable way—as, for example, by a finger-wheel, K, as shown in Figs. 1, 2, and 4; or the axles or bars I can be formed with a suitably-shaped end or head, L, as seen in Fig. 3, for the reception of a crank or key or other actuating device. By

providing each die F with a worm-screw operating independently of the other worm-screws, as seen in Fig. 1, each dog can be actuated by itself, and can be caused to press upon the side-stick with greater or less force independently of the other dogs. This independent operation of the dogs F may be of advantage in case there is any unevenness—for example in the side-stick E or in the matter to be locked up. Independently-operating worm-screws H are shown in Fig. 1, where each worm-screw H is mounted upon its separate axle I. In Figs. 3 and 4 are shown worm-screws mounted upon a common bar or axle, I, whereby said worm-screws H are caused to act conjointly. In the case of the construction shown in Figs. 1, 2, and 3 the dogs F are not connected to the side-stick E. In the case of the construction shown in Fig. 4 the dogs F are pivoted or suitably connected with the side-stick E.

The construction of galley above set forth furnishes means for locking up the matter securely, and the locking up can be accomplished rapidly and easily.

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

1. The combination, with a galley-frame, of a pin or pivot connected to said frame, a dog mounted on said pin or pivot, a segmental gear formed on the dog, and a worm-screw engaging this gear, substantially as set forth.

2. The combination, with a galley-frame, of pins or pivots connected to said frame, two or more dogs mounted on said pins or pivots, segmental gears formed on said dogs, and a worm-screw journaled in the frame and engaging the segmental gears of the dogs, substantially as set forth.

3. The combination, with a galley-frame, of a pin or pivot connected to said frame, a dog mounted on said pin or pivot, a segmental gear formed on the dog, a side-stick connected to said dog, and a worm-screw engaging the gear of the dog, substantially as set forth.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

GILBERT E. JONES. [L. S.]

Witnesses:

W. HAUFF,
E. F. KASTENHUBER.