(No Model.)

F. L. DENISON, Dec'd.

H. G. DENISON, Executrix.

PRINTER'S GALLEY.

No. 554,246. Patented Feb. 11, 1896.

Fig. 1.

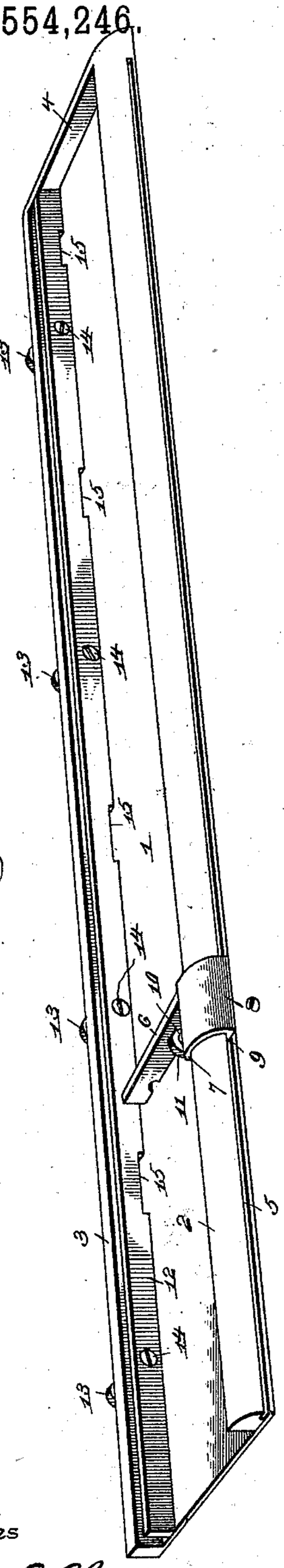

Fig. 2.

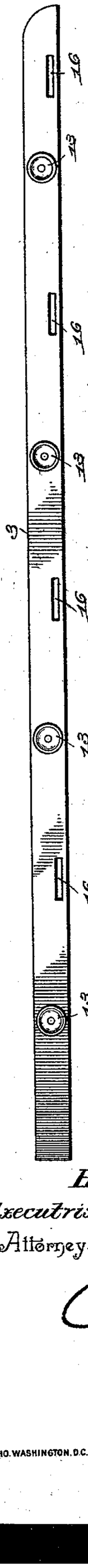

Fig. 3.

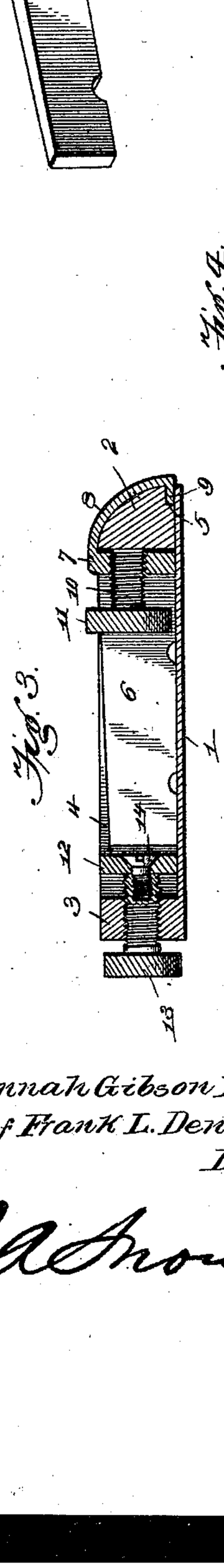

Fig. 4.

Fig. 5.

Hannah Gibson Denison
Executrix of Frank L. Denison Inventor
Deceased,

Witnesses
John C. Shaw
R. M. Smith.

By Attorneys.
C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

HANNAH GIBSON DENISON, EXECUTRIX OF FRANK L. DENISON, DECEASED, OF BELTON, TEXAS.

PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 554,246, dated February 11, 1896.

Application filed April 17, 1895. Serial No. 546,132. (No model.)

To all whom it may concern:

Be it known that I, HANNAH GIBSON DENISON, a citizen of the United States, residing at Belton, in the county of Bell and State of Texas, executrix of the estate of FRANK L. DENISON, deceased, late a citizen of the United States, residing at Belton, in the county of Bell and State of Texas, do hereby declare that FRANK L. DENISON invented a new and useful Improvement in Printers' Galleys, of which the following is a specification.

This invention relates to an improvement in printers' galleys.

The object of the present invention is to dispense with the usual quoins for locking up the printed matter in a galley and to provide in lieu thereof an adjustable lock-up device of novel construction.

A further object is to provide an adjustable slug or supporting-arm of novel construction adapted to be used at the bottom of the printed matter for holding the same in place.

A further object is to provide the galley with an externally-arranged groove for engaging the adjustable slug or supporting-arm, and also to provide suitable aligned apertures through the galley and lock-up device for permitting the escape of water.

To accomplish these objects the invention contemplates certain improved features and details of construction and arrangement of parts, as hereinafter fully described, illustrated in the drawings, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a galley constructed in accordance with the improvements. Fig. 2 is a side edge view of the same. Fig. 3 is a transverse vertical section through the galley and the adjustable slug, taken in line with the lock-up adjusting-screw. Fig. 4 is a similar section taken in line with the aligning aperture for permitting the escape of water. Fig. 5 is a detail perspective view of the adjustable slug or support.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, 1 indicates the base-plate of a printer's galley of the ordinary construction provided with the usual side flanges, 2 and 3, and end flange, 4. The flange 2 extending lengthwise of the galley is rounded off on its outer face, as shown, and is rabbeted at its base in such manner that when secured to the bottom plate 1 a groove 5 is provided between the edge of the base-plate 1 and said side rail or flange 2, as shown in the drawings.

A slug or supporting-arm 6 is formed integrally with an adjusting-head 7 having a curved arm or extension 8, and provided at its outer lower edge with an inwardly-extending lip 9 adapted to lie in and travel lengthwise of the groove 5, above referred to, the object of which is to allow the slug or supporting-arm to be adjusted lengthwise of the galley, while at the same time preventing said adjustable device from becoming detached from the galley. When adjusted to the desired position, the slug or supporting-arm may be held in the desired position by means of a set-screw 10 having a milled head 11, said set-screw passing through a threaded perforation in the head of the slug and bearing at its point against the inner face of the rail or flange 2.

12 designates the lock-up strip, which extends the entire length of the galley between the side flanges or rails, and which is supported and capable of being adjusted toward and away from the printed matter contained in the galley by means of a plurality of adjusting milled-head screws passing through corresponding perforations in the flange 3 and swiveled at their ends to the lock-up strip by means of headed screws 14, the heads of which work in countersunk perforations in said lock-up strip and the shanks of which engage threaded perforations in the adjacent ends of said adjusting-screws 13.

The lock-up strip 12 is provided with a series of apertures in its lower edge, as indicated at 15, and the side rail or flange 3 is also provided with a corresponding series of apertures 16 in alignment with the apertures 15, thus providing for the escape of water from the galley.

By the construction above described it will be apparent that a simple, neat, and inexpensive form and construction of printer's galley is provided, by means of which a column of type-matter may be locked in place later-

ally by means of the locking-strip described and the adjusting mechanism therefor, and which may also be supported endwise by means of the longitudinally-adjustable slug or supporting-arm. The water flowing from the type-form confined within the galley may also readily escape therefrom through the aligned apertures in the locking-up strip and the side rail or flange adjacent thereto.

The galley above described will be found very convenient in practice and will save considerable time and annoyance to the typesetter.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. A printer's galley having a side rail or flange provided with a rounded outer face and rabbeted at its outer lower corner to form a groove between it and the base-plate, in combination with an adjustable slug or support, a curved head or extension thereon closely embracing said side rail or flange, an integrally-formed inwardly-projecting lip thereon engaging said groove, and means for holding said slug or support at a fixed point, substantially as and for the purpose described.

2. In a printer's galley, one of the side rails or flanges thereof provided in its outer lower corner with a groove, in combination with a longitudinally-adjustable slug or support, a curved arm or extension thereof embracing snugly said side rail or flange and provided with an inwardly-disposed lip resting and adapted to travel within said groove, and means for holding said slug or support at any desired adjustment longitudinally of the galley, substantially as and for the purpose specified.

In testimony that I claim the foregoing as the invention of FRANK L. DENISON I have hereto affixed my signature in the presence of two witnesses.

HANNAH GIBSON DENISON,
Executrix of the Estate of Frank L. Denison, Deceased, Inventor.

Witnesses:
WALTER C. SAUNDERS,
HARRY LUDLOW.