(No Model.)

W. H. H. DOTY.

PRINTER'S GALLEY.

No. 346,809. Patented Aug. 3, 1886.

Fig. 1.

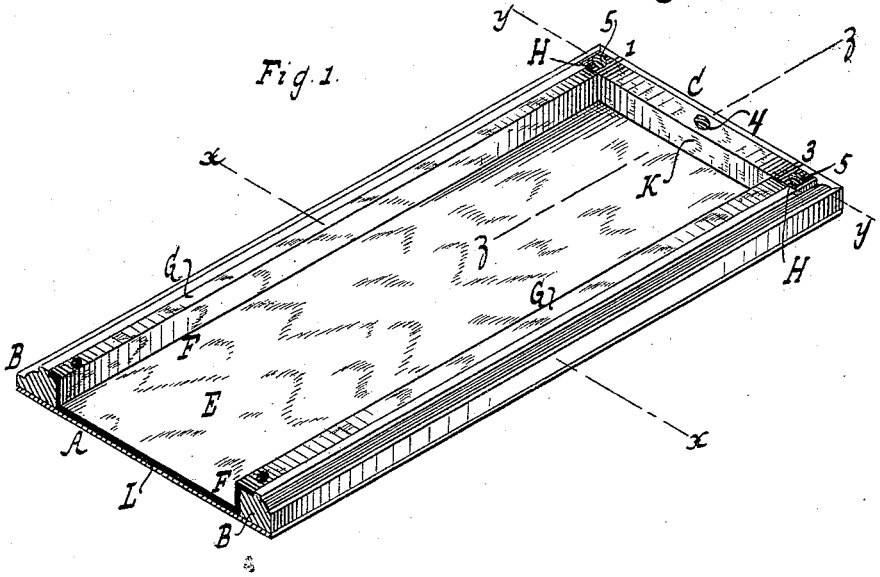


Fig. 2.

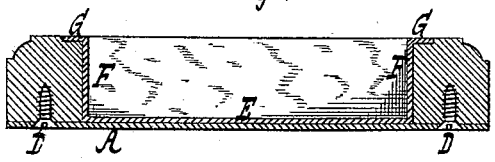


Fig. 3.

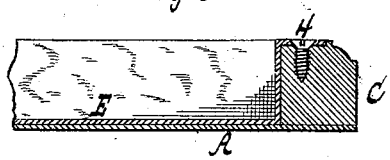


Fig. 6.

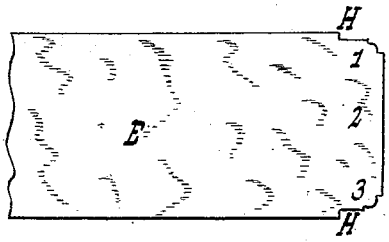


Fig. 4.

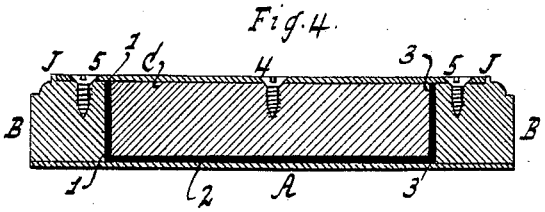
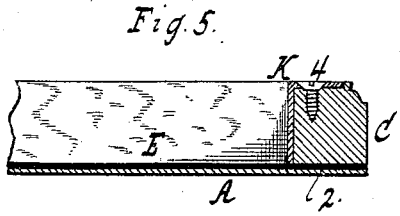


Fig. 5.



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PRINTER'S GALLEY.

SPECIFICATION forming part of Letters Patent No. 346,809, dated August 3, 1886.

Application filed March 18, 1886. Serial No. 195,707. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. H. DOTY, a citizen of the United States, residing at Oakland, in the county of Bergen and State of New Jersey, have invented new and useful Improvements in Printers' Galleys, of which the following is a specification.

This invention consists in an improvement in printers' galleys, which is fully set out and described in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the improved galley. Fig. 2 is a cross-section on the line *x x* of Fig. 1. Fig. 3 is a section on the line *z z* of Fig. 1, showing a modification. Fig. 4 is a cross-section on the line *y y* of Fig. 1. Fig. 5 is a sectional view of the invention, the line of section being the same as in Fig. 3. Fig. 6 represents the metallic plate from which the trough is formed.

Similar letters indicate corresponding parts.

In constructing a printer's galley according to this invention a bottom plate, A, of zinc or other suitable metal, is provided, which extends under the side rails, B B, and the end rail or head, C, and is secured to them by means of screws D, which extend through the bottom plate up into the rails, as illustrated in the section, Fig. 2. The side rails and the end rails here shown are made of wood. The side rails, B, extend the whole length of the galley, the end rail or head, C, extending across the galley at one end between the side rails. The rails B B C and the bottom plate, A, constitute a frame, upon which is mounted a metallic trough, E, which is placed upon the bottom plate and between the rails, its sides being bent up vertically, as at F, (see Figs. 1, 2, and 3,) to cover the inner surfaces of the rails, the outer edges of its bent sides being bent horizontally, so as to form flanges G G, which overlap the inner corners of the side rails, being fitted into rabbets formed on the side rails, so that said flanges will fit snugly to the rails and be flush with their upper surfaces. The flanges G terminate at the lines H.

The trough E is struck or bent up from a sheet of metal cut at its right-hand end, as shown in Fig. 6, where the letter H indicates the ends of the parts that form the flanges G G of the trough, the part of the blank that extends beyond the parts H H forming three parts, 1 2 3, of which the parts 1 and 3 are bent up at a right angle along with the parts F F of the trough, forming a continuation of the parts F, and project between the side rails, B B, and the end rail or head, C, as shown in Fig. 4, while the central part, 2, extends under the end rail or head, C, as shown in Fig. 5, to which it is properly secured by the screws that secure the bottom plate thereto.

Fig. 5 shows the end rail or head, C, covered on its inner face and top by a separate piece of metal, K, which extends at J J beyond the ends of the head, so as to come upon the side rails, B B, to which they are secured by screws 5 5.

In the modification shown in Fig. 3 the head C is lined and covered by the end 2 of the trough, which is bent up over the head, as shown in Fig. 3. In that case the edges of the part 2 are divided from the parts 1 and 3 by cutting the blank accordingly.

In order to prevent water or moisture from entering between the trough E and bottom plate, A, at the outer end of the galley, I close the joint L, where they both terminate, with soft solder, and thereby unite them together along that line, so as that they will not be likely to separate or spring apart when subjected to blows or hard usage.

The flanges G G are secured to the side rails at the open end of the galley by brads or small nails, as shown.

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

1. In a printer's galley, the combination of the bottom plate, A, the side rails, B B, head C, and its lining K, and the metallic trough E, provided with the vertical sides F, flanges G, and parts marked 1 2 3, all formed from one piece with the trough, the parts 1 and 3 being arranged between the side rails and head, and the part 2 being extended under the head, substantially as shown and described.

2. The combination, with the bottom plate, A, side rails, B, and head C of a printer's galley, of the metallic trough E, extending over the bottom plate and vertically along the inner surface of the side rails, substantially as shown and described.

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

Witnesses: WILLIAM H. H. DOTY. [L. S.]
D. VAN SANTVOORD,
W. HAUFF.