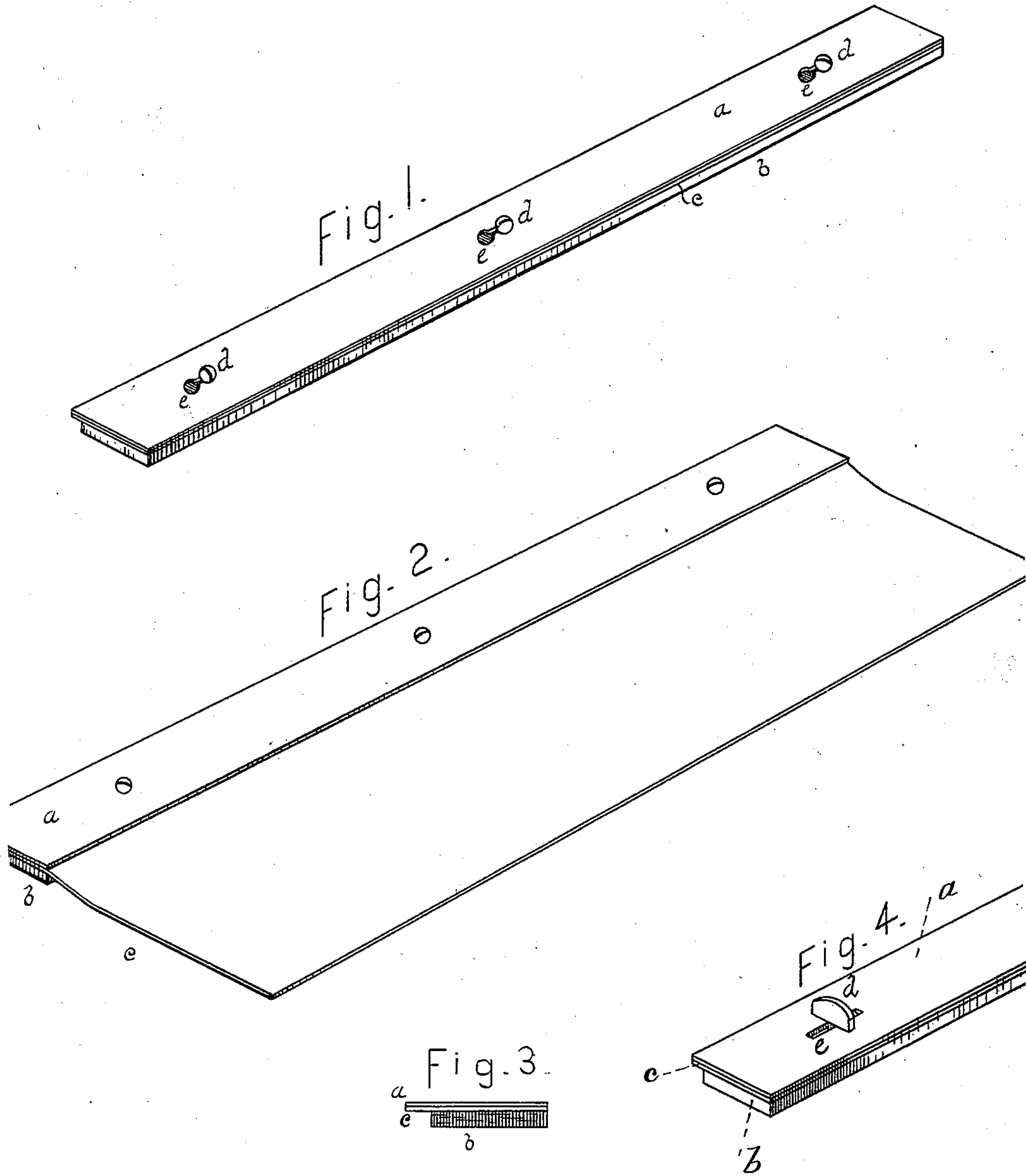


(No Model.)

W. M. HAWORTH.
RULER.

No. 350,305.

Patented Oct. 5, 1886.



ATTEST
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INVENTOR
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UNITED STATES PATENT OFFICE.

WILLIAM M. HAWORTH, OF DECATUR, ILLINOIS.

RULER.

SPECIFICATION forming part of Letters Patent No. 350,305, dated October 5, 1886.

Application filed April 15, 1886. Serial No. 198,988. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM M. HAWORTH, of the city of Decatur, county of Macon, and State of Illinois, have invented a certain Improved Ruler, of which the following is a specification.

The object of my invention is to provide a ruler with which ink-lines may be drawn without danger of blotting, which is peculiarly adapted for use as an advertising medium, and which, in some of its forms, may be used as a ruler and blotter combined.

In the drawings accompanying and forming a part of this specification, Figure 1 represents my device in form to be used as a non-blotting ruler. Fig. 2 shows a modification of construction that combines the functions of a non-blotting ruler, an advertising medium, and an ordinary blotter. Fig. 3 is an end view of the ruler represented in Fig. 1; and Fig. 4 is a view of an end of the ruler shown in Fig. 1, a modification of the device used to connect the different parts being represented.

a is a ruler-plate, preferably of sheet metal.

b is a strip, preferably of wood, to which ruler-plate *a* is secured.

c is a blotting-pad interposed between plate *a* and strip *b*, its front edge being on a line with the front edge of plate *a*.

d represents pins or screws used to secure the plate, pad, and strip together.

e represents slots in the plate that enable the pad to be readily detached and replaced.

The front edges of the plate and the pad are on a line, as before stated, and the front edge of the strip *b* is set back from the edge of *c*, as indicated in the drawings.

In operation the strip is laid in proper position on the paper to be ruled, and the ruling-pen is drawn along the edge of the plate in contact with the pad, all the surplus ink being absorbed by the pad and the lines being made with entire absence of danger of blotting.

As indicated in Fig. 2, the pad may be extended past the rear of the strip and be utilized as an advertising medium and an ordinary blotter; or, as will be readily understood,

the necessary letters may be stamped in the plate, or portions of the plate may be cut away to expose advertisements printed on the pad.

In ordinary use a single pad will have sufficient absorbing capacity to enable the ruler to be used satisfactorily for a considerable length of time; but in extraordinary circumstances continuous use may necessitate the substitution of a fresh pad, and for this reason it is considered preferable to provide readily-detachable connections for the various parts.

In Fig. 1 the plate is provided with slots enlarged each at one end sufficiently to permit the passage of the heads or screws *d*. In Fig. 4 an oblong-headed pin is shown standing crosswise of a slot sufficiently large to permit its passage. In order to detach the plate shown in Fig. 1, said plate is slid longitudinally until the screw-heads are in the enlarged portions of the slots. In order to detach the form of plate shown in Fig. 4, the head of the pin is turned on a line with the slot.

In both instances above cited the compressibility of the pad is relied on to make the positions of the parts permanent; but connections may be made, if desired, that will not depend on such compressibility, as, if the screws shown in Fig. 2 be tightly driven.

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

1. In rulers, in combination, plate *a*, having slots *e*, strip *b*, having screws or pins *d*, and an intervening blotting-pad, *c*, as and for the purpose set forth.

2. A ruler composed of an upper plate, a strip with its front edge set back from the front edge of the plate, and an intervening blotting-pad extending rearwardly to form a writing-blotter, as and for the purpose set forth.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

WILLIAM M. HAWORTH.

Attest:

B. O. McREYNOLD,
L. L. HAWORTH.