

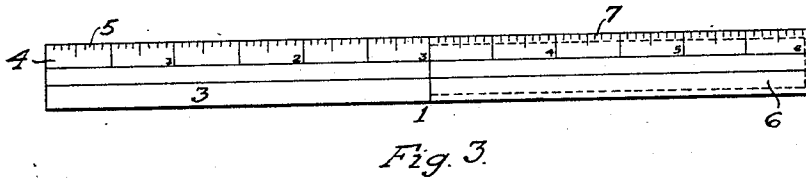
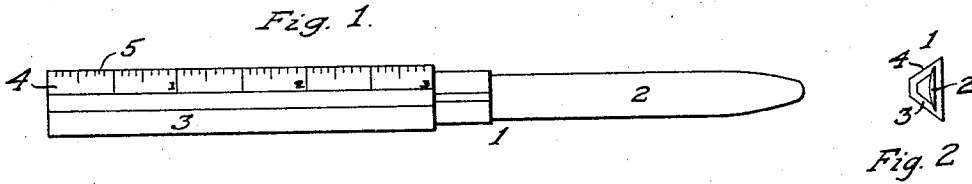
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1,601,740

S. KURZER

PRESSMAN'S IMPLEMENT

Filed June 12, 1925



Inventor

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By his Attorney

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UNITED STATES PATENT OFFICE.

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PRESSMAN'S IMPLEMENT.

Application filed June 12, 1925. Serial No. 36,642.

This invention relates to a pressman's implement. In the setting up of printing work by the pressman, it is required that the printed matter appear upon the sheets of paper in proper disposition with respect to horizontal and vertical alinement, marginal and other spacings, etc. It is also required that the printed matter appear upon the sheets in uniform density. When the proofs are first struck off from the type-frame it is usually found that the printed matter appears weakly or not at all in some places, due to inequality in the leveling of either the type matter or the frame which carries the paper. This condition is remedied by the pressman cutting out matrices which conform in configuration to the weak or unprinted spaces upon the proofs, then taking these matrices, which consist of one or more layers of tissue paper, and pasting them upon the proofs and then using these rectified proofs as a backing upon the paper frame of the press, which backing thus compensates for the inequalities in the leveling and produces a perfectly uniform printed matter upon the subsequently printed job. This making of the matrices and positioning of the printed matter upon the sheets is continually required in the making up of printed work. The knife used for cutting out the matrices is of a special type as to material, configuration, etc., which renders it fit for cutting out the tissue-paper matrices properly.

The object of my invention is to provide an implement with which both of the above described functions, of alining and spacing the printed matter and of producing the matrices for rendering the printed matter uniform may be performed simultaneously, conveniently, and efficiently. Other objects and advantages will hereinafter appear.

In the accompanying drawings,—

Fig. 1 shows an elevation of the pressman's knife or implement of this invention, and

Fig. 2 shows an end view of the knife, and

Fig. 3 shows an elevation of the knife as it appears together with the shield therefor.

The implement 1 of this invention comprises a knife-blade 2 of the type suitable for cutting out the tissue-paper matrices, and said blade is secured in any suitable manner to a handle or holder 3 having, preferably, a cross-sectional configuration as shown in Fig. 2. Upon the sloping wall 4 of the holder 3 is provided a scale 5 consisting of markings to the extent of three inches divided out into fractional parts of inches. The blade 2 is provided with a shield 6, which when slipped thereover and against the handle 3 forms a continuation of the latter, and the shield is provided with a scale 7, similar to scale 5, and forming a continuation of the scale 5.

When utilizing this implement, therefore, it is grasped by the pressman at its handle 3 and the tissue-paper matrices may be cut up properly with the blade 2, and the scale 5 upon the handle 3 may be utilized for alining, positioning, and spacing the printed matter, as well as to aid in the making up of the matrices. Ordinarily, the 3" scale upon the handle 3 is sufficient for all of the said requirements, but should a larger scale be necessary, as is frequently needed, the shield 6 may be slipped over the blade 2, thereby forming a 6-inch scale which may be thus utilized for all the extraordinary aforesaid requirements.

Variations may be resorted to within the scope of the invention.

Having thus described my invention, I claim:—

A new article of manufacture comprising a pressman's knife having the combination of a blade adaptable for cutting up paper matrices for making ready the work, said blade having a cutting edge at each side thereof, said blade having a rounded cutting edge at its extremity, a holder for said blade having a flat inclined surface, said surface having a scale thereon for measuring the work, said holder having a projection, a shield for said blade fitting frictionally over said projection and having a corresponding inclined flat surface flush with said other surface, and said shield having a scale on its said surface forming a continuation of said other scale.

In testimony whereof I have affixed my signature this 11th day of June, 1925.

SOLOMON KURZER.