Aug. 11, 1931. W. M. OUNGST 1,818,862

TRANSFERRING DEVICE

Filed May 31, 1929

Fig. 1.

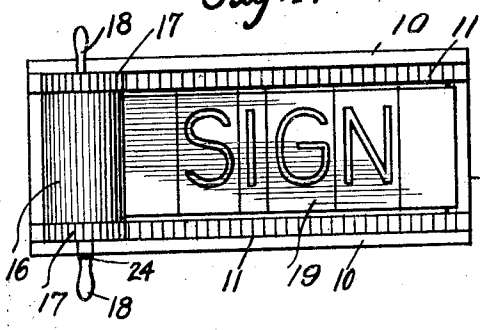


Fig. 2.

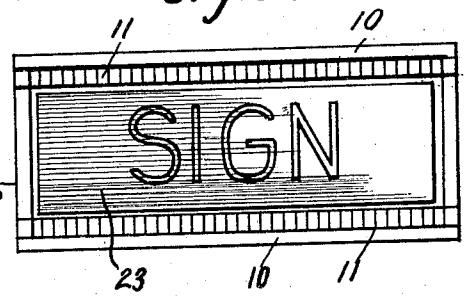


Fig. 3.

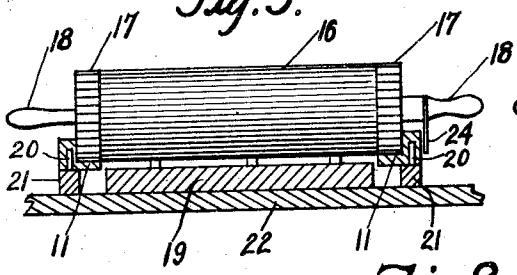


Fig. 4.

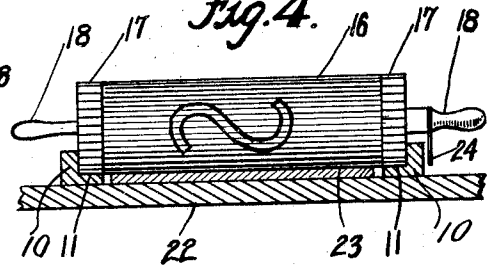


Fig. 8.

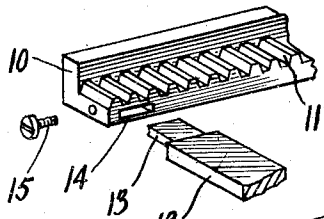


Fig. 5.

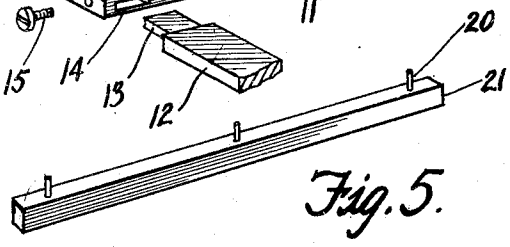


Fig. 6.

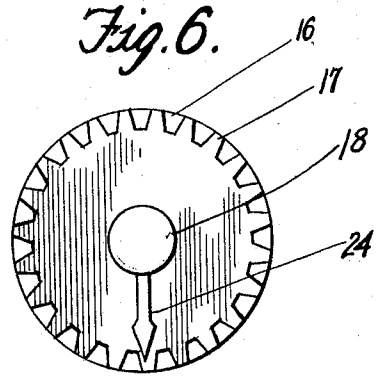
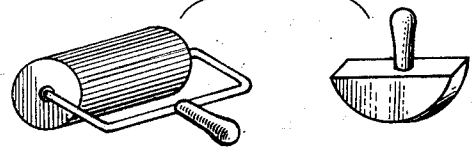


Fig. 7.



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Patented Aug. 11, 1931 1,818,862

UNITED STATES PATENT OFFICE

WEBB M. OUNGST, OF FORT SMITH, ARKANSAS

TRANSFERRING DEVICE

Application filed May 31, 1929. Serial No. 367,396.

This invention comprehends the provision of a transfer device, by means of which designs, figures, letters, words and the like can be transferred from a form onto a sheet of glass or other suitable material in a quick and convenient manner, the invention residing in the construction, combination and arrangement of parts as claimed.

In the drawings forming part of this application like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is a view showing the manner of using a form from which the design or the like is to be taken.

Figure 2 is a view showing how the design or the like has been transferred onto a sheet of suitable material.

Figure 3 is a transverse sectional view through Figure 1.

Figure 4 is a similar view to Figure 2.

Figure 5 is a detail view of one of the rails or supports for the frame used in conjunction with the form shown in Figure 1.

Figure 6 is an end view of the roller.

Figure 7 is a view of an inking roller and pad.

Figure 8 is a fragmentary view of the frame.

The device forming the subject matter of the present invention essentially comprises a frame composed of side pieces 10 of angular formation in cross section, and the horizontal flange 11 of each member is formed with a series of teeth to define a track over which a roller is adapted to be moved in a manner to be hereinafter described.

The side members 10 are connected adjacent their ends by a transverse member 12, each being formed with a reduced extension 13 adapted to be received by a slot 14 and held therein by a set screw 15 as illustrated in Figure 8. Used in conjunction with this frame is a roller 16 having cog wheels at the ends thereof as indicated at 17 and which wheels are adapted to be moved over the track formed by the horizontal flanges 11 of the side members of the frame as illustrated. Projecting from the ends of this roller are handles 18 by means of which the same can be conveniently manipulated.

The roller 16 is of course adapted to take its design, figure or letter or whatever it may be from a suitable form 19, which is arranged within the frame just described, as illustrated in Figure 3. However, when the form 19 is employed, it is necessary to support the frame slightly elevated, to allow the roller 16 to properly rest upon the type or design forming the subject matter to be transferred. For this purpose the side members of the frame are provided with openings on the under side thereof, and these openings receive pins 20 rising from supporting rails 21 at suitable spaced points. When the parts have been arranged as shown in Figure 3, the roller 16 is moved over the form 19, after the latter has been properly inked by the roller and pad illustrated in Figure 7, and after the design or other subject matter has been transferred to the roller 16 from the form 19, the frame is separated from the supporting rails 21, the form 19 removed, and the frame then arranged upon a suitable support 22.

A sheet of glass or other suitable material upon which the design is to be transferred from the roller 16, is then arranged upon the support 22 within the frame above described, and the roller 16 is then again arranged upon the track 11 and moved over the sheet of material indicated at 23 for the purpose specified. Carried by one end of the roller 16 is a pointer or indicator 24 which is adapted to be moved around to the point where the design begins on the roller and to the mark on the glass or other material 23 where the design to be transferred begins. It is then only necessary to move the roller 16 over the material 23 and the design or other subject matter is transferred from the roller onto the latter.

While it is believed that from the foregoing description the nature and advantages of the invention will be readily apparent, I desire to have it understood that I do not limit myself to what is herein shown and described, and that such changes may be

resorted to when desired as fall within the scope of what is claimed.

What I claim is:—

1. A device of the character described comprising a substantially rectangular frame, the opposed side members of which are of angle formation in cross section and formed with teeth to provide a track, a transfer roller, cog wheels arranged on the ends of the roller and movable over said track, handles projecting from the ends of the roller, and a pointer rotatably supported at one end of the roller for the purpose specified.

2. A device of the character described comprising a knock-down frame of substantially rectangular contour, the opposed side members of which are of angle formation in cross section and formed to provide a track, said members having openings in the bottom thereof, supporting rails for said frame, pins rising from the rails and received by said openings, a transfer roller movable over said frame, cog wheels arranged on the ends of the roller for engagement with said track, and an indicating pointer rotatably supported by one end of the roller for the purpose specified.

3. A device of the character described comprising a knock-down substantially open rectangular frame like member, including opposed side members of angle formation in cross section forming a track, transverse members connecting the side members, each side member having an opening therein, a reduced extension formed on each transverse member and received by said opening, means for holding the transverse members fixed relatively to the side members, a transfer roller movable over the frame, cog wheels arranged at the ends of the roller and engaging said track, handles projecting from the ends of the roller, and an indicator pointer rotatably supported by one of the handles for the purpose specified.

In testimony whereof I affix my signature.

WEBB M. OUNGST.