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A. G. SCHULTZ.

DESIGN TRANSFERRING APPARATUS.

APPLICATION FILED SEPT. 7, 1907.

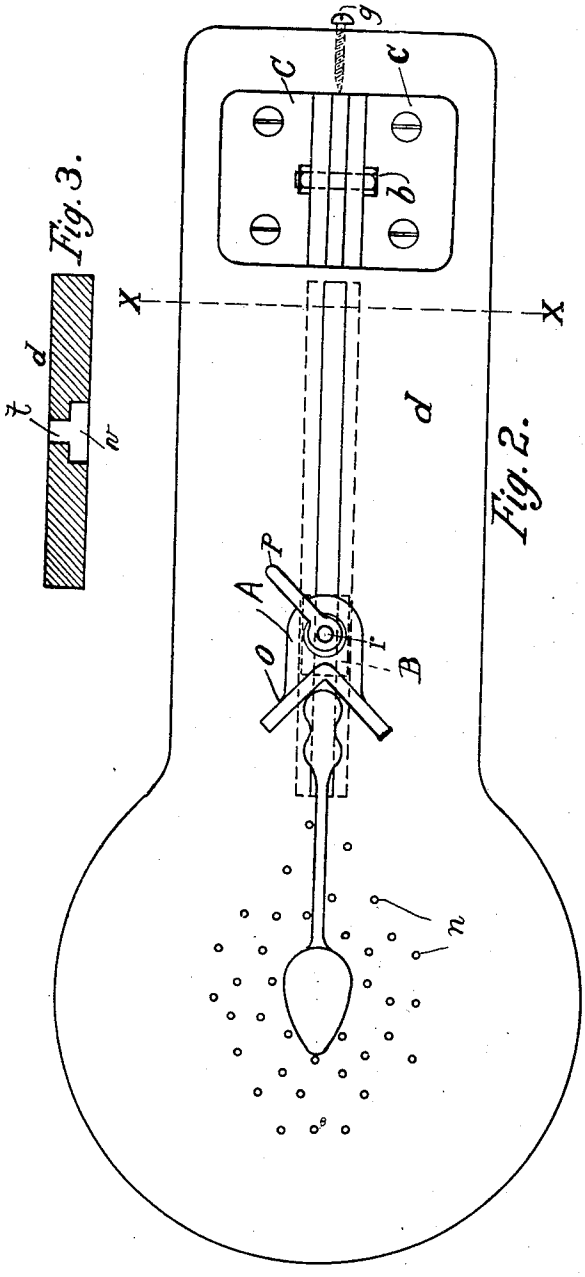


Fig. 2.

Fig. 3.

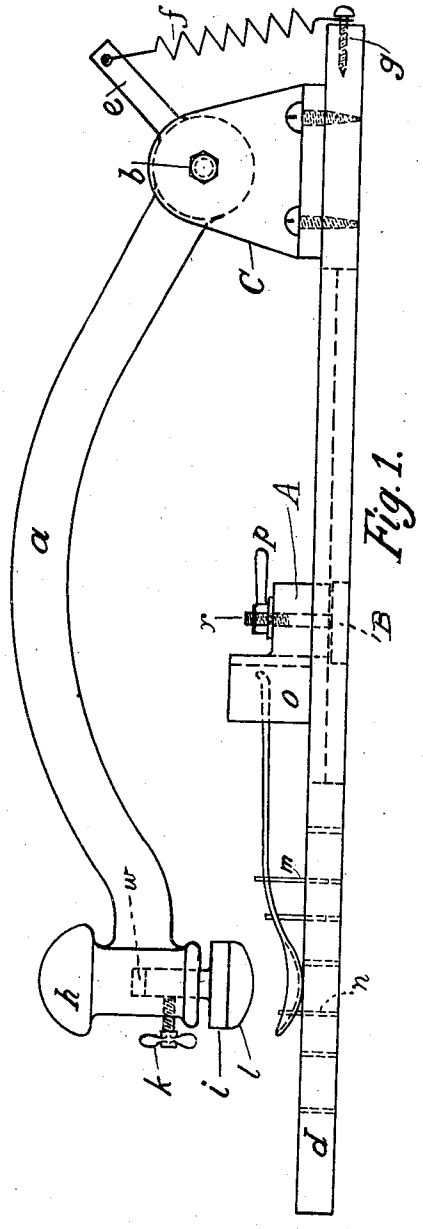


Fig. 1.

WITNESS:

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DESIGN-TRANSFERRING APPARATUS.

No. 876,733. Specification of Letters Patent. Patented Jan. 14, 1908.

Application filed September 7, 1907. Serial No. 391,812.

To all whom it may concern:

Be it known that I, ARTHUR G. SCHULTZ, citizen of the United States, residing at New Orleans, in the parish of Orleans and State of Louisiana, have invented new and useful Improvements in Design-Transferring Apparatus, of which the following is a specification.

My invention has to do with engraving; and it seeks the provision of a simple and easily operated apparatus through the medium of which the design engraved on a spoon bowl or other piece of silver or other ware may be expeditiously, distinctly and accurately printed on another spoon bowl or other piece of ware with a view of facilitating and rendering easy the duplication of the engraving therein.

The invention is designed more particularly for use in connection with spoons and the like; and its novelty, utility and practical advantages will be fully understood from the following description and claims when the same are read in connection with the drawings, accompanying and forming part of this specification, in which:

Figure 1 is a side elevation of the apparatus constituting the preferred embodiment of my invention; the same being shown with a spoon properly positioned thereon. Fig. 2 is a plan view of the apparatus. Fig. 3 is a cross-section taken through the bed of the apparatus in the plane indicated by the line *x*—*x* of Fig. 2.

Similar letters designate corresponding parts in all of the views of the drawings, referring to which:

d is the bed of my novel apparatus, which is preferably, though not necessarily, made of metal. The said bed is preferably of the shape shown in Fig. 2, and is provided in its forward portion with a group of vertically disposed apertures *n* designed to receive removable spoon positioning or holding pegs *m*. Formed in the bed *d* and extending rearward from a point adjacent to the group of apertures *n* is a longitudinal-central slot *t* which communicates with a longitudinal recess *v* formed in the underside of the bed *d*, for a purpose presently set forth.

A is a slide bracket arranged on the bed *d* and having a forward spoon positioning or holding portion O of V-shape in plan.

B is a block movable in the recess *v* having a screw *r* extending up through the slot *t*, and P is a lever-nut mounted on the screw *r*. By virtue of this construction it will be apparent that the holder O may be adjustably fixed at various distances from the group of apertures *n* so as to hold the handles of spoons of various lengths while the bowl thereof rests on the bed above the center of the group of apertures *n*.

C C are standards fixed to and rising from the rear portion of the bed *d*.

a is a vertically swinging lever fulcrumed between the standards C on a transverse pin *b* and having a rearwardly and upwardly extending arm *e* and *f* is a tractile spring connecting arm *e* and a screw *g* in the bed *d* having for its office to normally hold the lever *a* in and return the same to the position shown in Fig. 1. At its forward end the lever *a* is provided with a knob *h* and a socket *w*, the latter being designed to receive the stem of a body *i*, preferably of metal, on which is a pad *l*, of rubber, glue or other suitable material, shaped to correspond to the article the engraved design of which is to be transferred to another and correspondingly shaped article. The stem of the pad *l* is removably fixed in the socket *w* through the medium of a set screw *k* and hence it will be apparent that a plurality of pads *l* of different shapes and sizes may be used interchangeably in the lever *a* as occasion demands.

The practical operation of my novel apparatus is as follows: The spoon, the engraved design of which is to be transferred to another spoon, is arranged on the bed *d* and is securely held in position by the holder O fixed at the proper point and a sufficient number of pegs *m*. Either before or after the spoon is placed on the bed *d* as stated, the engraved design in the spoon bowl is properly filled with ink, grease or the like, and then the forward end of the lever is depressed, when the pad *l* will accurately take the design from the spoon bowl. The spoon is then removed from the apparatus, and the spoon to which the design is to be transferred is placed in exactly the same position as the first mentioned spoon on the bed *d* and then the lever *a* is again depressed, when the design will be accurately printed on the bowl of the second mentioned spoon. With this done, the second mentioned spoon is removed for engraving, and by reason of the engraved design being printed on the spoon as stated, it will be manifest that the engraving may be very

easily and accurately effected so as to make the second mentioned spoon an exact duplicate of the first mentioned one.

While I have described my novel apparatus as apparatus designed more especially for use in connection with the engraving of spoons, I desire it distinctly understood that the apparatus is designed and may be used to advantage for facilitating the transfer of engraved designs from various articles of silver and other wear to corresponding articles.

The construction herein shown and described constitutes the preferred embodiment of my invention, but it is obvious that in the future practice of the invention such changes or modifications may be made as fairly fall within the scope of my invention as defined in the claims appended.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:

An apparatus for the purpose described, comprising a bed having a group of apertures, a plurality of pegs removably arranged in some of the apertures, a holder of V-shape in plan adjustable toward and from the group of apertures and adjustably connected with the bed, standards fixed to and rising from the bed, at a point in rear of the holder, a vertically swinging lever fulcrumed between the standards and having a rearwardly extending arm, a tractile spring interposed between said arm of the lever and the bed, and a pad of a nature to take up and apply ink, grease or the like, connected with and carried by the forward portion of the lever.

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

ARTHUR G. SCHULTZ.

Witnesses:
F. M. BARTLETT,
LOUIS P. BRYANT.