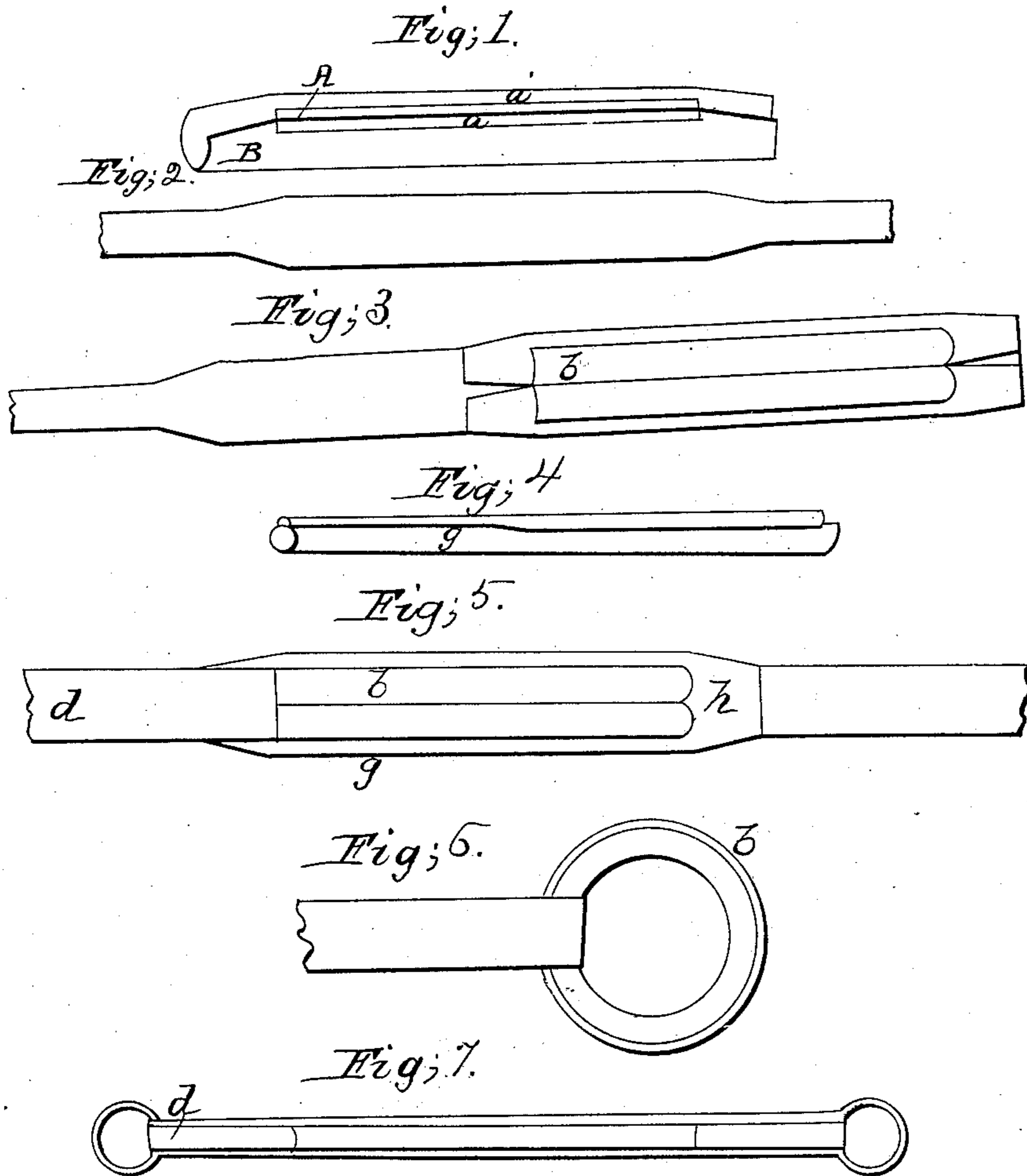


J. Stanbrough,

Harness Trimming.

N^o 9628.

Patented Mar. 22, 1853.



Witnesses,
Stephen Culver
144th St

Inventor;
J. Stanbrough

UNITED STATES PATENT OFFICE.

JAMES STANBROUGH, OF NEWARK, NEW YORK.

HARNESS.

Specification of Letters Patent No. 9,628, dated March 22, 1853.

To all whom it may concern:

Be it known that I, JAMES STANBROUGH, of the village of Newark, town of Arcadia, county of Wayne, and State of New York, have invented a new and Improved Mode of Making Horse-Harness and other Leather-Work; and I do hereby declare that the following is a full and exact description thereof, the accompanying drawings being a part of this specification.

My invention consists in forming upon the work, on such portions of a harness or other thing as is desirable, rounds, raises, or rolls as they are variously termed by harness makers and other leather workers, by doubling and stitching together a strap of leather at its edges, or, laying a welt or secondary strap upon a principal strap and stitching them together at their corresponding edges, and then covering over or binding these edges with a separate piece—and in depressing those raises or rolls so as to conceal the stitching upon their binding, by drawing up and fastening by their sides a fold of the principal strap.

By Figure 1 of the drawings is shown the work of two rolls preparatory to receiving the binding. The welting strap A, and the principal strap B, are laid together at their edges and stitched as shown at *a a'* through the principal strap once, and the welting strap twice. Over the work shown in Fig. 1 is laid the binding, consisting of strips of leather of sufficient width to cover the work, and is stitched through and through just below the edge of the welting.

The process of putting on the binding is shown in Fig. 4 where the binding is put upon the edges of a single strap doubled together. The binding completed is shown at *b*, Figs. 3, 5 and 6.

For the purpose of draft and of preserving the work in shape a strap called the draft strap shown at Fig. 2 is drawn through the principal strap on which the rolls are made as seen in Fig. 3 partly drawn in.

When drawn through, the strap is turned back at the ends and stitched down for the purpose of holding a ring or buckle as shown at *d* Figs. 5 and 7. To conceal the stitching of the binding, the rolls are depressed by drawing up by their side folds of the principal strap as seen at *g* Figs. 4 and 5. These folds are held in place by bringing and stitching together the edges of the principal strap at the ends of the rolls as shown at *h* Fig. 5.

By widening the principal strap and putting in additional welts any number of rolls may be raised on a single strap upon the same principle that two are.

For the purpose of ornament, the work, with the exception of the draft strap may be of morocco, patent, or other fancy leathers and may also be of different colors. The application of this description of work to the different parts of a harness or other thing made of leather is not limited, and may be understood by reference to Figs. 5, 6, 7 and 4. Fig. 5 being a front view of a breast collar straightened out. Fig. 6 being a view of a ring, Fig. 7 of a hip strap, and Fig. 4 of a part of any other thing manufactured from leather where concealment of seams or where ornament is desired.

Some of the advantages of my improvement are—that a harness or other thing made of leather may be made more highly ornamental by it, than by any other mode, in consequence of its allowing of the use of the fancy leathers in parts where they cannot be used by making harness or other things by the usual methods—the form of the work being such as to conceal the principal seams allows of their being on the outside of the strap and thus brings a smooth strap with rounded surface instead of one with a projecting seam against the horse, and that in consequence of the concealment of the principal seams, the process is well adapted to the making of rings, terrets, and the like of leather which by reason of their ornate appearance and their flexibility render them preferable to such as are made of bone or metal; and to the making of various parts of trunks carriages and other things manufactured of leather.

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

The forming of rounds raises or rolls on the different parts of a harness or other leather work, by doubling and stitching together a strap of leather at its edges and then binding these edges by a separate piece and concealing the stitching of such binding by drawing up and fastening by the side thereof folds of the strap, and this I claim whether the single strap only be used for forming a single roll, or a secondary strap be used for forming two or more rolls, substantially as described.

JAS. STANBROUGH.

Witnesses:

STEPHEN CULVER,
H. H. MORSE.