April 2, 1929. O. W. SIEBERT 1,707,688

CARRIAGE HOOD AND METHOD OF MAKING THE SAME

Filed Dec. 19, 1927

Fig. 1

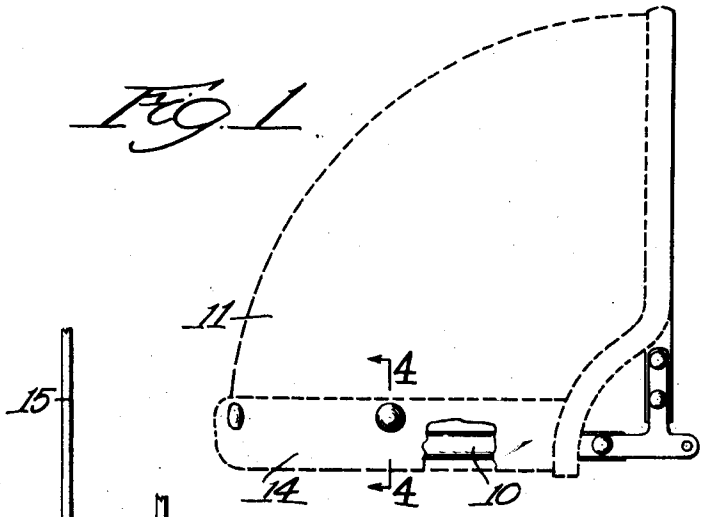
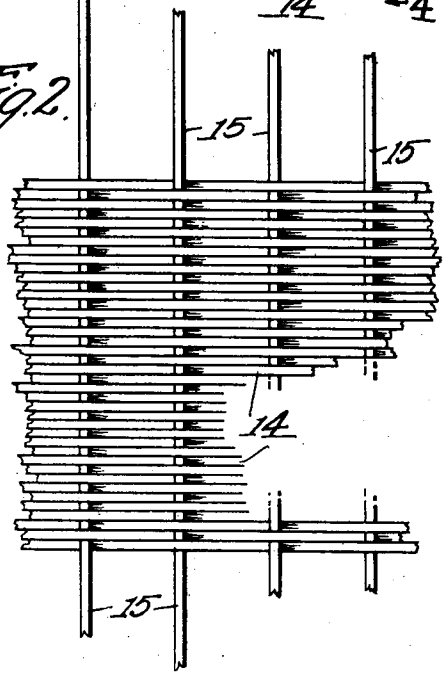


Fig. 2.



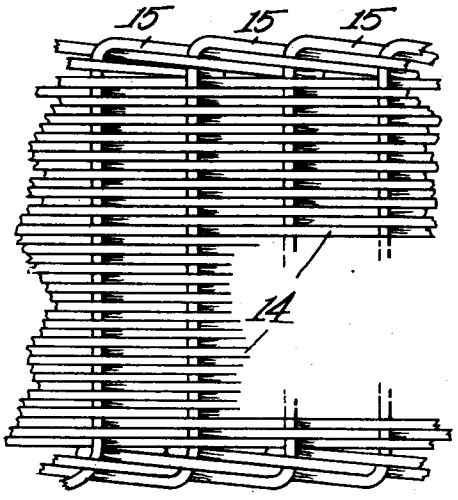
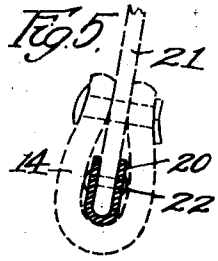


Fig. 3.

Fig. 5.



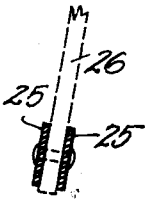


Fig. 6.

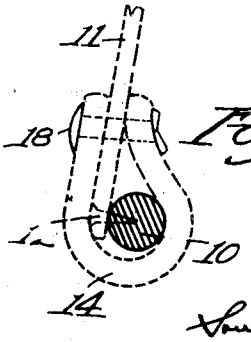


Fig. 4.

Witness
C. F. Mann

Inventor
Otto W. Siebert
By attorneys
Southgate Fage & Hawley

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UNITED STATES PATENT OFFICE.

OTTO W. SIEBERT, OF GARDNER, MASSACHUSETTS, ASSIGNOR TO O. W. SIEBERT COMPANY, OF GARDNER, MASSACHUSETTS, A CORPORATION OF MASSACHUSETTS.

CARRIAGE HOOD AND METHOD OF MAKING THE SAME.

Application filed December 19, 1927. Serial No. 241,126.

This invention relates to a carriage hood or other similar article of manufacture which is provided with a covering of woven fibre or reed and with an edge roll. In such articles as heretofore made, the edge roll was not always satisfactorily or effectively secured to the article, and the article had an unfinished and somewhat unsightly appearance at the inner edge of the roll.

It is the general object of my invention to provide an improved edge roll construction by which the appearance of the article is much improved, the cost of manufacture is reduced, and the wearing qualities are increased.

Another object of my invention is to provide an improved method of procedure by which such an article may be conveniently and economically produced.

My invention further relates to arrangements and combinations of parts which will be hereinafter described and more particularly pointed out in the appended claims.

A preferred form of the invention is shown in the drawings in which

Fig. 1 is a side elevation of a carriage hood provided with a woven covering and an edge roll embodying my improvements;

Fig. 2 is a partial plan view of the edge roll in the process of construction;

Fig. 3 is a similar view, showing the edge roll provided with finished selvages;

Fig. 4 is a sectional elevation, taken along the line 4—4 in Fig. 1 and showing the edge roll applied to a hood having a wooden frame member;

Fig. 5 is a view similar to Fig. 4 but showing the roll applied to a hood having a metal frame member; and

Fig. 6 shows a modified form of metal frame member.

Referring to the drawings, I have indicated in Figs. 1 and 4 a type of carriage hood having a wooden edge frame member 10 (Fig. 4) to which a covering 11 of woven fibre or reed is secured by tacks or other fastening devices 12, the parts thus far described being of the usual construction.

My improved edge roll 14 is formed from an elongated and relatively narrow strip of woven fibre or reed in which the cross members or stakes 15 extend substantially beyond the longitudinal edges. This material may be woven in a loom as a continuous fabric, with the edges thereafter raveled out to provide the projecting stakes 15, or it may be woven by hand or otherwise in the exact form shown in Fig. 2.

The strip of material to form the edge roll 14 is thereafter provided with finished longitudinal edges by bending the stakes 15 lengthwise of the fabric and interweaving the stakes to form the woven selvages indicated in Fig. 3, the strip of material 14 remaining substantially flat and straight. The material 14 is thereafter bent along its longitudinal axis to the U-shaped section indicated in Fig. 4 and is thereafter fitted around the edge frame members 10 and is secured in position by fastening members 18, which may be in the form of rivets and which preferably extend through the covering material 11 and through both edge portions of the roll 14.

The edge roll is thus firmly secured in place and entirely conceals both the frame member 10 and the edge of the layer 11 secured by the fastening devices 12. Furthermore, the exposed edges of the roll 14 are both interwoven to provide finished selvages and present a pleasing and attractive appearance in the finished article while at the same time they cannot ravel or fray and are adapted for long and continuous service.

In Fig. 5, I have indicated the application of an edge roll 14 to a hood or other article in which the edge frame member is a metal bar 20, U-shaped in section, clamped about the edge of the covering layer 21, and additionally secured by rivets 22 if desired. The finished article does not differ in appearance from the article having the wood frame member 10, except for the slightly different contour of the edge roll.

In Fig. 6, I have indicated a metal frame construction in which flat bars 25 are secured on each side of the edge of a covering layer 26. An edge roll 14 is to be thereafter applied in the same manner as shown in Fig. 5.

It will be understood that the invention, while described with reference to a carriage hood, is capable also of general application to other articles covered with woven fibre or reed and of more or less similar construction.

In the claims, the words "fibre" is to be taken as including both real and artificial reed.

Having thus described my invention and the advantages thereof, I do not wish to be limited to the details herein shown and de-

scribed otherwise than as set forth in the claims, but what I claims is:—

1. A fibre covered article of manufacture comprising an edge frame member, a layer of covering material secured to said edge frame member, a woven fibre edge roll having selvages of interwoven stakes and substantially U-shaped in cross section, said roll edge enclosing and concealing said edge frame member and the edge of said covering layer, and extending inward a substantial distance along both faces of said covering layer, and means to secure both edge portions of said roll firmly against the two faces of said covering layer inward from said edge frame.

2. A fibre covered article of manufacture comprising an edge frame member, a covering layer of woven fibre secured to said edge frame member, a woven fibre edge roll having selvages of interwoven stakes and substantially U-shaped in cross section, said roll edge enclosing and concealing said edge frame member and the edge of said woven layer, and fastening elements extending through both edge portions of said roll and through the interposed layer of covering material.

3. The method of producing a woven fibre article which consists in providing an edge frame member, securing a layer of covering material thereto, providing a strip of woven fibre having the cross stakes projecting substantially beyond the longitudinal edges thereof, bending and interweaving the stakes to form finished selvages on said strip of woven fibre, bending said strip of fibre about a longitudinal axis to form an edge roll substantially U-shaped in cross section, and securing said edge roll around said edge frame member and around the edge of said covering layer by inserting fastening elements extending through both edge portions of said roll and through the interposed covering layer.

In testimony whereof I have hereunto affixed my signature.

OTTO W. SIEBERT.