V. H. MANKEY.

DISPLAY APPARATUS.

APPLICATION FILED NOV. 9, 1914.

1,161,062. Patented Nov. 23, 1915.

Fig. 1.

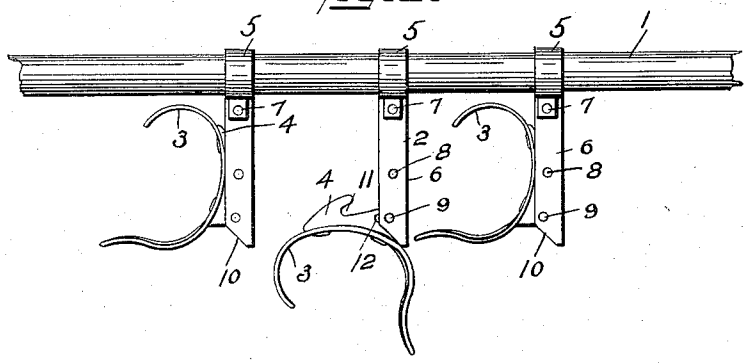


Fig. 2.

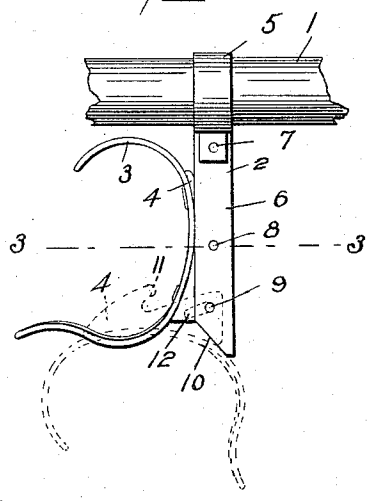


Fig. 4.

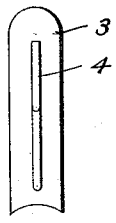
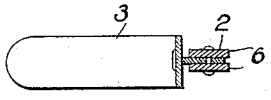


Fig. 3.



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DISPLAY APPARATUS.

1,161,062. Specification of Letters Patent. Patented Nov. 23, 1915.

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To all whom it may concern:

Be it known that I, VERNON HENRY MANKEY, citizen of the United States, residing at Aberdeen, in the county of Brown and State of South Dakota, have invented new and useful Improvements in Display Apparatus, of which the following is a specification.

My present invention has to do with display apparatus; and it contemplates the provision of a display apparatus designed more particularly for exhibiting to advantage a large number of horse collars, within a small compass, and this in such manner that any one of the horse collars may be expeditiously and easily removed and replaced without moving or disarranging any of the other collars. With the foregoing in mind the invention will be fully understood from the following description and claim when the same are read in connection with the drawings, accompanying and forming part of this specification, in which:

Figure 1 is an elevation of so much of a display apparatus as is necessary to illustrate my invention. Fig. 2 is an enlarged detail view of one of the hooks comprised in the apparatus. Fig. 3 is a detail horizontal section taken in the plane indicated by the line 3—3 of Fig. 2. Fig. 4 is a detail rear elevation of the loop-shaped member of the hook.

Similar numerals of reference designate corresponding parts in all of the views of the drawings.

Among other elements my novel apparatus comprises a rod 1, formed by preference of gas pipe or other suitable tubing. The said rod may be one of several supported one above the other in a stand, or may be a single rod provided with brackets for connection with a wall, or may be supported in any other approved manner without affecting my invention.

My apparatus comprises in combination with the said rod, a plurality of hooks. These hooks are identical in construction, and therefore a detailed description of the hook shown in Figs. 2, 3, and 4 will suffice to impart a definite understanding of all. The hook referred to comprises a hanger 2 and a loop-shaped member 3, on the rear of which latter and movable therewith is a web 4. As best shown in Figs. 2 and 3 the hanger 2 is preferably formed of a strap of metal, and includes an upper loop 5, shaped to snugly embrace the rod 1, and spaced depending portions 6, connected at 7 by a transverse bolt and a nut thereon, and provided at 8 and 9 with transverse bolts, for a purpose hereinafter set forth. The lower ends of the depending portions 6 are beveled, as indicated by 10 so as to stop the loop-shaped member 3 in the position shown by dotted lines in Fig. 2. As will be readily observed by comparison of the figures the web 4 is riveted or otherwise fixed to the loop-shaped member 3 at the back and in the longitudinal center thereof and is provided with a notch 11 and a slot 12, the said notch being adapted for the engagement of the cross pin 8 when the loop-shaped member of the hook is in its raised position, and the slot 12 receiving at all times the cross pin or bolt 9.

In the practical use of the apparatus the loop-shaped members 3 are maintained in upright positions, with a horse collar held and depending from each. From this it will be readily appreciated that when arranged as shown in Fig. 1, the hooks will hold a large number of collars within a small compass, and in such manner as to display all of the collars to the best advantage. Then when it is desired to remove one of the collars it is simply necessary to raise the loop-shaped member 3 of the hook that holds the collar, so as to disengage the notch 11 from the cross pin 8, and allow the said loop-shaped member to swing downwardly and assume the position shown by dotted lines in Fig. 2, when the collar can be readily removed from the said loop-shaped member 3.

It will be observed that the swinging member 3 of each hook is of loop form and has a contracted mouth; also, that when the swinging member is in its upright position the said contracted mouth is disposed horizontally. The said disposition of the contracted mouth of the loop-shaped member 3 combined with the arrangement of said mouth opposite and adjacent to the hanger of the next hook or any other upright that may be provided precludes casual disconnection of a horse collar from the swinging member when the latter is secured in its upright position.

It will also be gathered from the foregoing that my novel apparatus is calculated to economize the time of a saddler inasmuch as horse collars can be suspended on

the apparatus quite as quickly and easily as they can be removed.

It will be gathered from the foregoing that the hanger of each hook constitutes an upright for coöperation with the loop-shaped member of the next adjoining hook. I would have it understood, however, that an upright other than a hanger may be employed for use opposite the contracted mouth of the loop-shaped member without involving departure from the scope of my appended claim.

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

A display apparatus, comprising a rod, a hanger supported from the rod, a loop-shaped member adapted to receive a horse collar and having a back opposed to the hanger and a contracted mouth at its side remote from the hanger and also having a web at its back movably and pivotally connected with the hanger, and coöperating engaging means on the hanger and said web, whereby in one position the loop-shaped member is held in upright position with its contracted mouth remote from said hanger and in another position the loop-shaped member is free to swing downwardly.

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

VERNON HENRY MANKEY.

Witnesses:
ALEX HIGHLAND,
H. MANKEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."