

H. N. MANN.
 MERCHANDISE PACKAGE.
 APPLICATION FILED OCT. 31, 1908.

961,873.

Patented June 21, 1910.

Fig. 1.

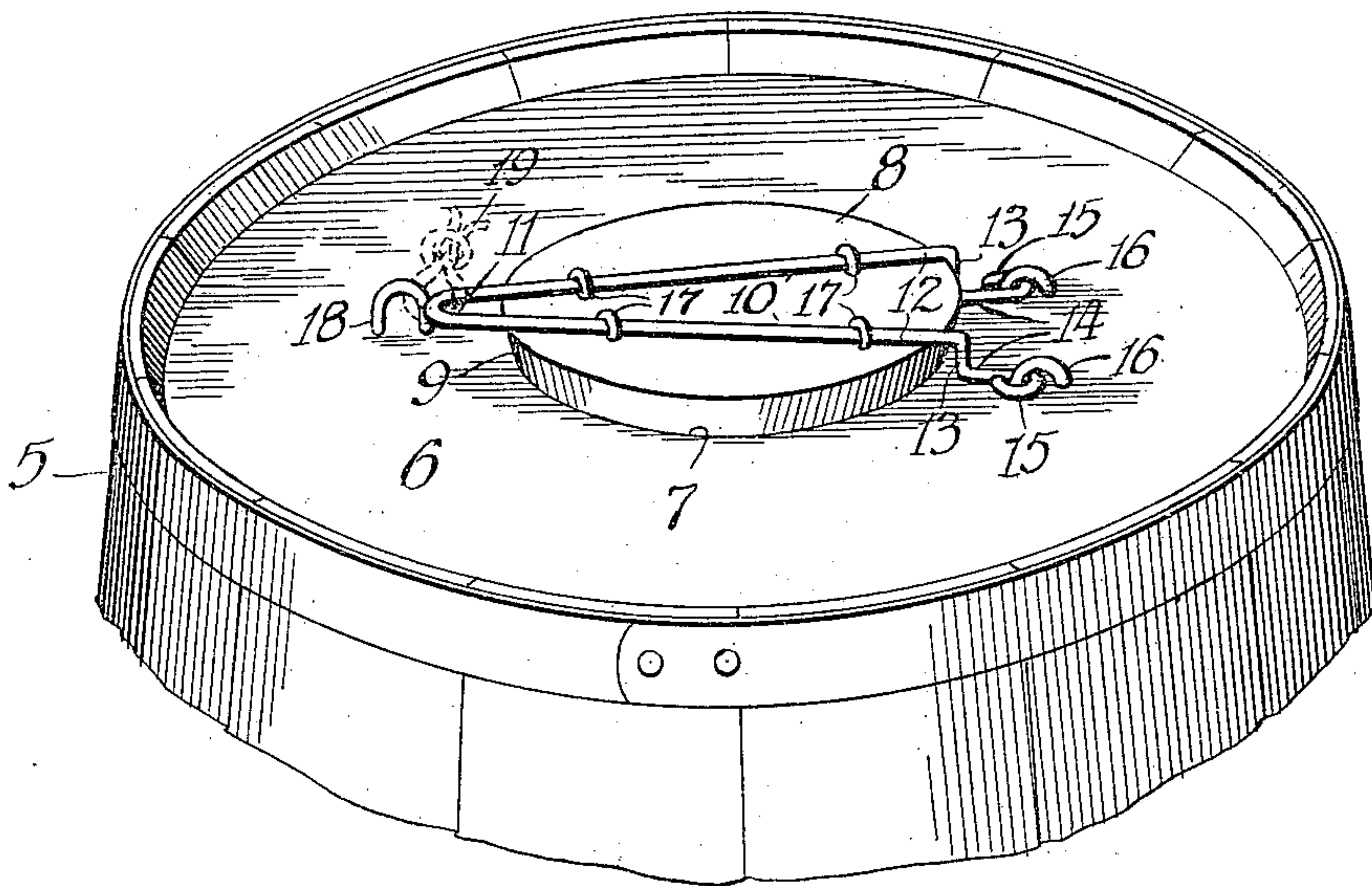
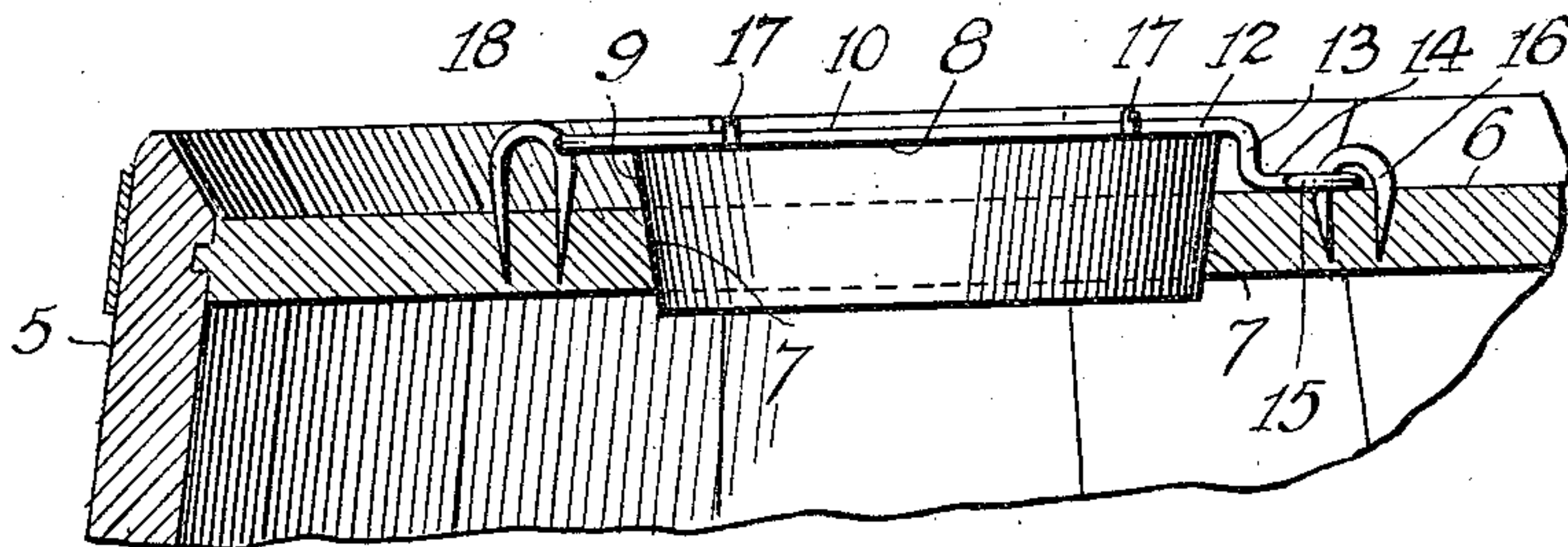


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

HENRY N. MANN, OF CHICAGO, ILLINOIS.

MERCHANDISE-PACKAGE.

961,873.

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To all whom it may concern:

Be it known that I, HENRY N. MANN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Merchandise-Packages, of which the following is a specification.

My invention relates to improvements in merchandise packages and more particularly to bunged pails.

It has heretofore been customary to provide pails for the reception of merchandise having a permanently attached head, having made therein a relatively large opening, or bung hole for the insertion of the hand and removal of the contents, which said hole is closable by a tapered bung, but such packages have always been subject to the disadvantages that the bung was difficult to retain in place in its association with the package in shipment, and when used as a removable closure for the opening in the marketing of the merchandise contained in the pail, it is apt to become lost or mislaid, so that the bung hole is many times left open to the detriment of the contents of the package.

The object of my invention is to provide a bunged package which is free from these objections, and wherein the bung is movable upon but permanently connected with and hinged to the body of the receptacle, preferably in such manner as to be more easily opened and closed than when unattached, and to be readily secured in closed position.

Another object of my invention is to provide a construction which is simple, very cheap, and easy of manufacture and application.

In the drawing, wherein I have illustrated an embodiment of my invention; Figure 1 is a perspective view of the upper portion of a package with the bung closed; and Fig. 2 is a central section.

In the drawing 5 indicates in general a suitable pail or other receptacle, having a permanent head 6, provided with a central bung hole or aperture 7, of convenient size generally large enough to admit the hand or a scoop.

8 indicates a bung for closing the hole 7, preferably made in the customary manner with beveled side surfaces, 9, of thickness considerably greater than that of the head 6, so that when tightly wedged in the tapered hole the flat top of the bung protrudes above the top of the head 6. To secure the bung

permanently to the head, but in position for easy movement to fully open the hole 7, I provide a bung carrier 10, preferably constructed of a single wire suitably bent, passing across the top of the bung so that it projects on both sides thereof, the projection at one side of the bung forming a loop to provide a handle elevated above the head 6, and the projections at the other end of the bung being bent to form parts of the hinges, the coacting members of which are secured to the head 6. In the specific construction shown the carrier 10 is a single wire centrally bent as at 11, to provide a loop having two slightly diverging legs 12, 12, the bend or nose 11 overhanging one side of the bung and the legs 12, 12 extending across the bung to the opposite side thereof at somewhat separated points, each leg 12 being down-turned, as at 13, a suitable distance to approximate the projection of the bung above the head 6 when in closed position and then bent as at 14 in parallelism to the general plan of the leg 12, and having its extremity bent in a horizontal plane into a loop 15, forming one element of a hinged connection, the other element of which may conveniently be provided by a staple 16 into the head 6 with its top proximately parallel to the axis of symmetry of the carrier 10.

The bung may suitably be secured to the carrier by a plurality of staples, 17, four of which are shown, through which connection with each leg of the carrier, at separated points near where said legs cross the edges of the bung. Thus it will be observed that the bung is firmly held against sliding longitudinally on the carrier, owing to the diverging relation of the legs and the corresponding arrangement of the staples 17. In assembling the parts the carrier may be stapled to the bung and then the bung is inserted in proper position and the staples 16, constituting the stationary bung members, may be driven with the parts thus partially assembled, so that when the carrier is thereafter moved up and down the bung will inevitably be returned to proper position in the hole.

For securing the bung in place in shipment I preferably employ a staple 18, driven and clenched into the head near the nose or loop, 11, of the carrier, so that the two parts may be connected by a seal wire, as shown at 19. If preferred, however, the staple may be driven directly over the projecting nose

of the carrier and pulled out when it is desired to open the package.

It will be observed that in use the carrier acts always to maintain the bung in connection with the receptacle proper so that loss of the bung is impossible, and the projecting nose 11 of the carrier affords a convenient handle spaced somewhat above the head 6 of the receptacle for opening or closing the bung hole.

Further it will be observed that the entire device may be made cheaply and of ordinary commercial staples and a single strip of wire bent in very simple form.

While I have herein described in detail a specific embodiment of my invention it will be apparent to those skilled in the art that numerous changes in the specific details of construction might be made without departure from the spirit of my invention, within the scope of the appended claims.

Having described my invention, what I claim is;

1. In a shipping package, a receptacle proper providing a head, having therein a bung hole, a bung for closing said hole, and a carrier for said bung comprising a single wire bent to provide a folded portion for attachment to the bung, and looped extremities comprising one element of the hinge, means securing said carrier and bung together, and coacting hinged parts for the looped ends of the carrier connected with the head of the package.

2. In a shipping package, a body, a permanent head in said body having a bung

hole therein, a bung for closing said hole arranged when in closed position to protrude somewhat above the head, a carrier for said bung comprising a single wire bent to provide two diverging legs, the nose or bent portion projecting beyond one side of the bung, and the legs extending transversely across said bung to project beyond the other side, the extremities of said leg being bent to provide hinged parts, means securing the diverging legs of the carrier to the bung, and coacting hinged parts for the extremities of the carrier secured to the head of the receptacle.

3. The combination with a shipping receptacle providing a bung hole, and a bung for closing said hole, arranged to protrude from the bung hole when in closed position, a carrier for said bung comprising a single wire bent mid-length to form a loop or nose, and to provide diverging legs terminating in hinged loops, said carrier being arranged with its nose protruding beyond the side of the bung, and the legs of the loop projecting beyond the other side of the bung, staples securing the diverging legs of the carrier to the bung, and staples connecting the hinged loops at the extremities of the carrier to the receptacle proper.

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

HENRY N. MANN.

In the presence of—
GEO. T. MAY, Jr.,
MARY F. ALLEN.