

No. 791,734.

PATENTED JUNE 6, 1905.

J. T. TRUITT.
MEANS FOR SHAPING LAUNDRIED COLLARS.
APPLICATION FILED MAY 23, 1904.

FIG. I.

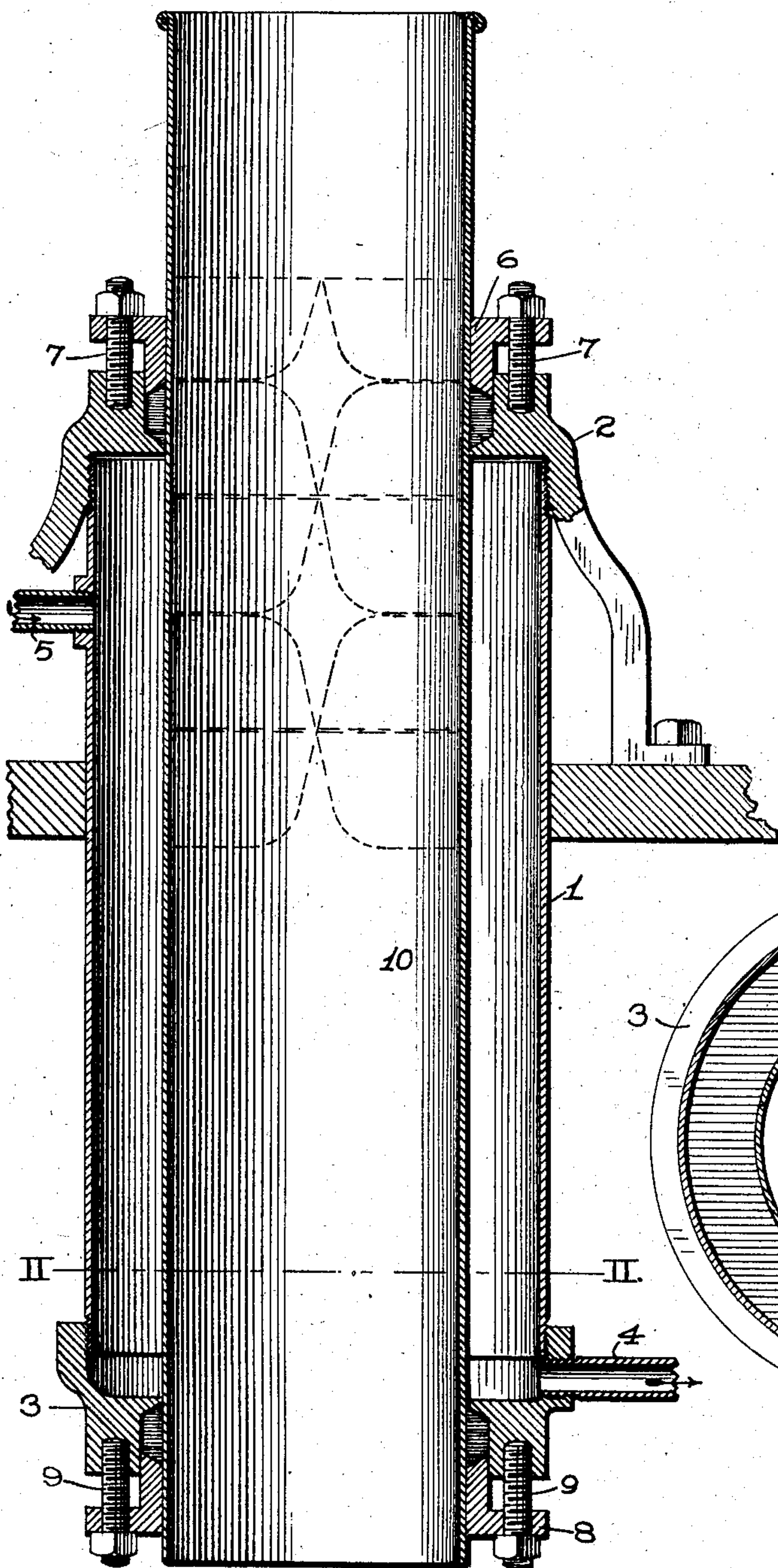
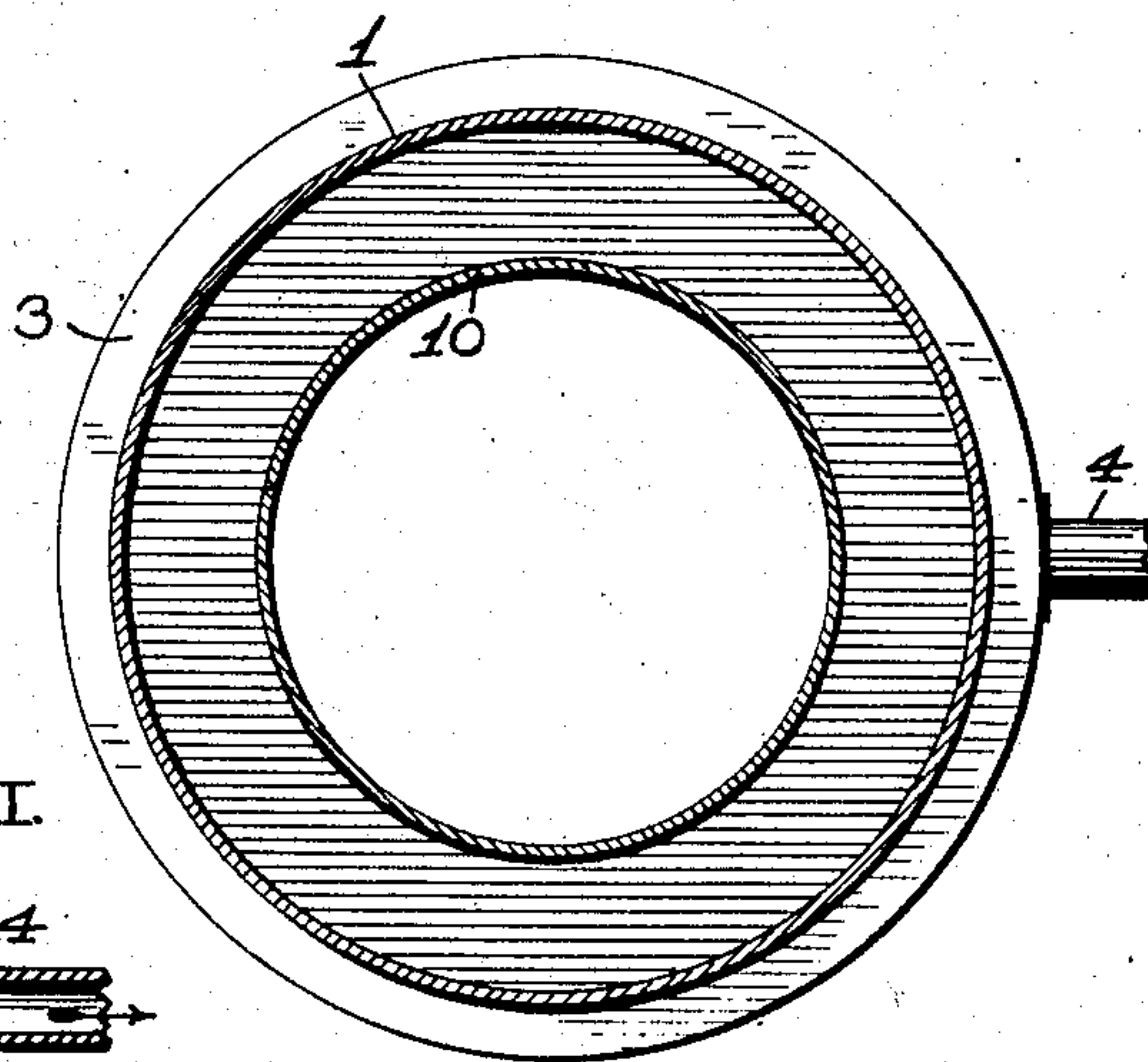


FIG. II.



ATTEST.

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ATTYS.

UNITED STATES PATENT OFFICE.

JOHN T. TRUITT, OF ST. LOUIS, MISSOURI.

MEANS FOR SHAPING LAUNDRIED COLLARS.

SPECIFICATION forming part of Letters Patent No. 791,734, dated June 6, 1905.

Application filed May 23, 1904. Serial No. 209,275.

To all whom it may concern:

Be it known that I, JOHN T. TRUITT, a citizen of the United States, residing in the city of St. Louis, in the State of Missouri, have invented certain new and useful Improvements in Means for Shaping Laundered Collars, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a means for shaping laundered turn-down collars, whereby the two folds of the collars are made to present approximately parallel lines instead of one fold being flared outwardly with relation to the other, as is commonly the case after the collars have been ironed.

Figure I is a vertical section taken through my collar-shaping means. Fig. II is a horizontal section taken on line II II, Fig. I.

1 designates an outer cylinder or jacket that is connected to a stand 2 at its upper end. Fitted to the lower end of said jacket is a head 3, that has connected to it a steam or hot-air conducting pipe 4, which has communication with the interior of said jacket through said head. 5 is a second steam or hot-air conducting pipe attached to the jacket 1.

6 is a stuffing-box gland secured to the stand 2 by any suitable means, such as the screws 7, (see Fig. I,) and 8 is a stuffing-box gland secured to the jacket-head 3 by suitable means, such as the screws 9.

10 designates an inner cylinder that is concentrically positioned within the jacket 1 and which is fitted within the stuffing-box glands 6 and 8 in a manner to preserve tight joints around the inner tube at the points where it is fitted into the stand 2 and jacket-head 3.

The inner cylinder is open at both ends and of uniform diameter throughout its entire length and is preferably polished interiorly.

In the practical use of my collar-shaping means a heating medium, such as steam or hot air, is conducted into the jacket 1 through one of the pipes 4 5—for instance, the pipe 5—and finds escape from said jacket through the other pipe—for instance, the pipe 4. The collars to be shaped are, after being ironed, first dampened at the folding-point and introduced into the inner tube 10 at its upper end, being placed alternately right side up and inverted, as illustrated by dotted lines, Fig. I. As the collars descend through the inner tube they are subjected to heat imparted to said cylinder, due to the presence of heating medium in the jacket 1, and being confined in curved condition within the tube, so that their folds will remain approximately parallel, the dampened portions of the collars are quickly freed of their moisture, so that they will retain their folded condition with the folds lying flatly together and pass on through the tube in such condition.

I claim as my invention—

In a collar-shaping means, the combination of a stand, a heating-medium-receiving jacket set into the stand and depending therefrom, stuffing-boxes at the top and bottom of said jacket, and a collar-receiving tube located within the jacket and of uniform diameter throughout its entire length; said tube having both its ends open and projecting beyond the jacket, substantially as set forth.

JOHN T. TRUITT.

In presence of—

NELLIE V. ALEXANDER,
BLANCHE HOGAN.