

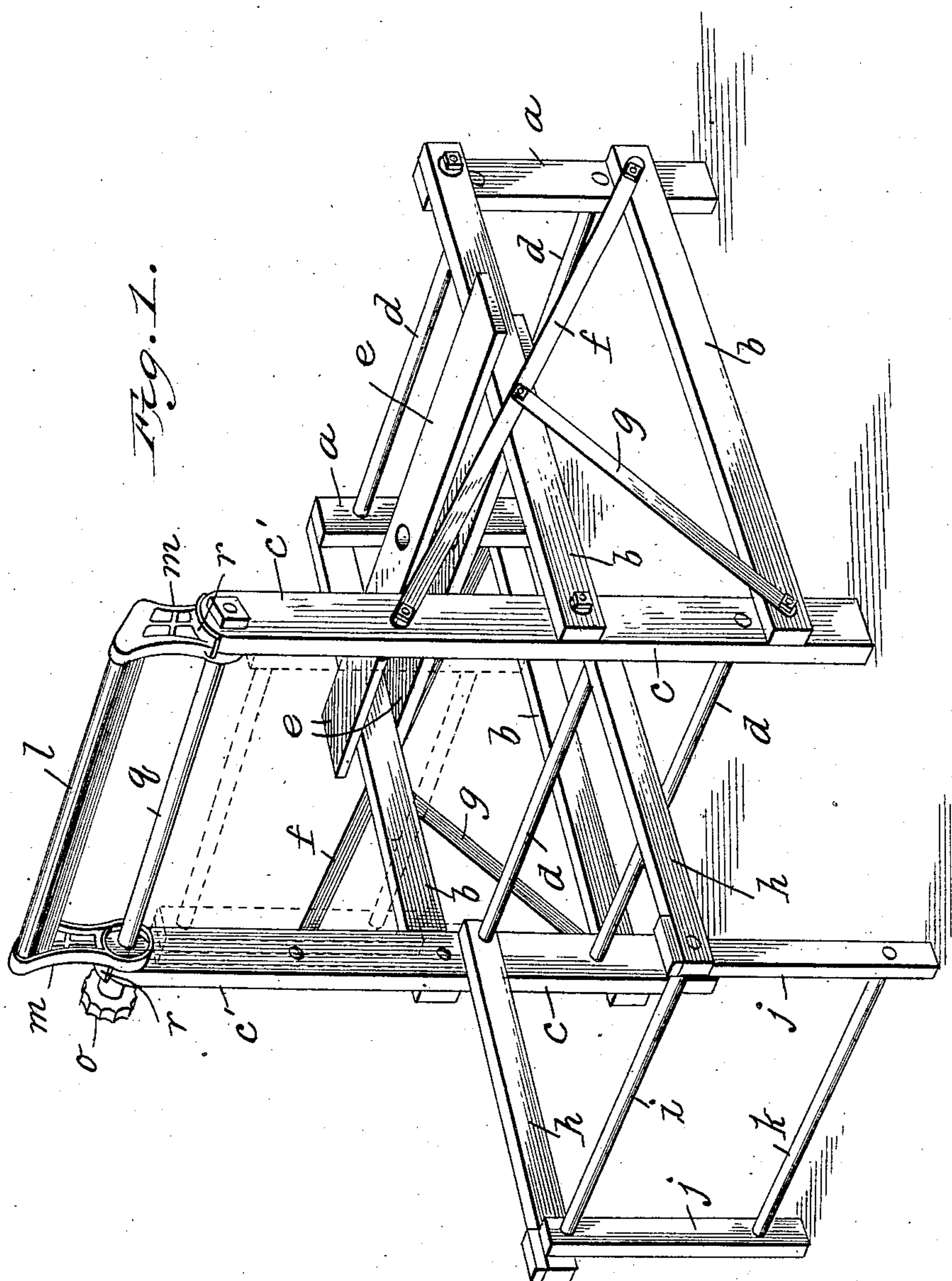
No. 845,262.

PATENTED FEB. 26, 1907.

H. S. REAMS.  
WASHING MACHINE BENCH.

APPLICATION FILED OCT. 5, 1906.

2 SHEETS—SHEET 1.



Witnesses

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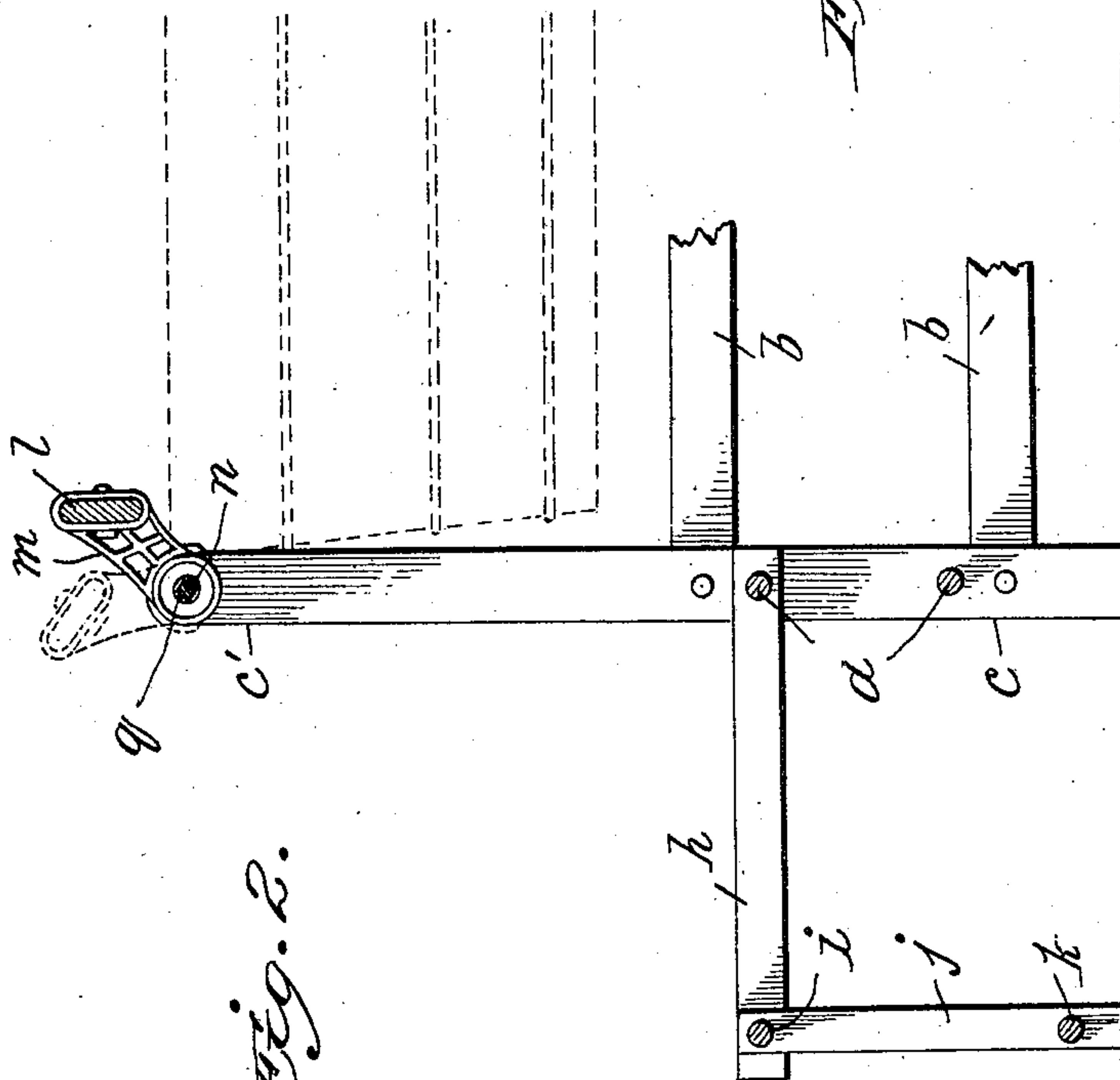
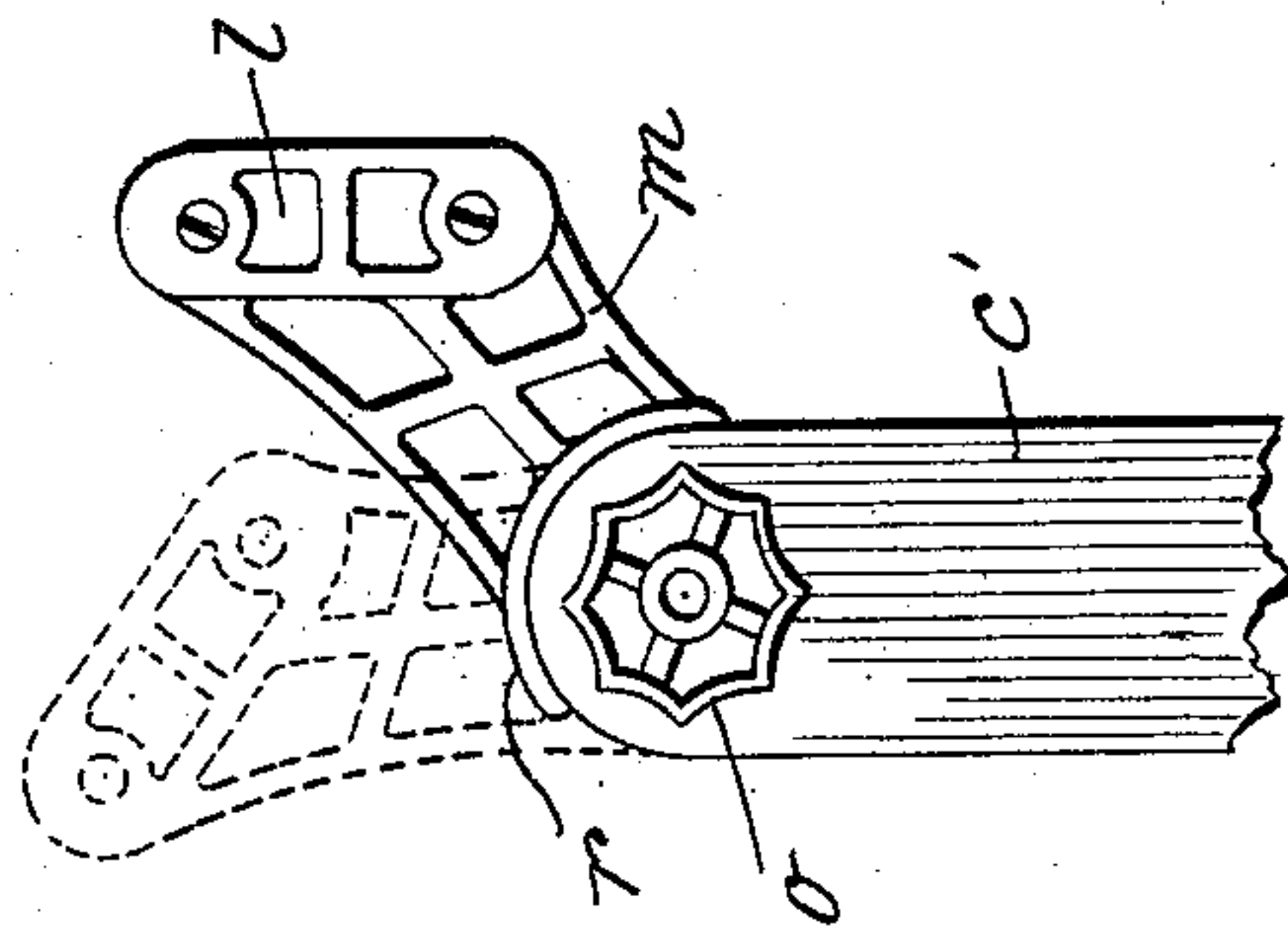
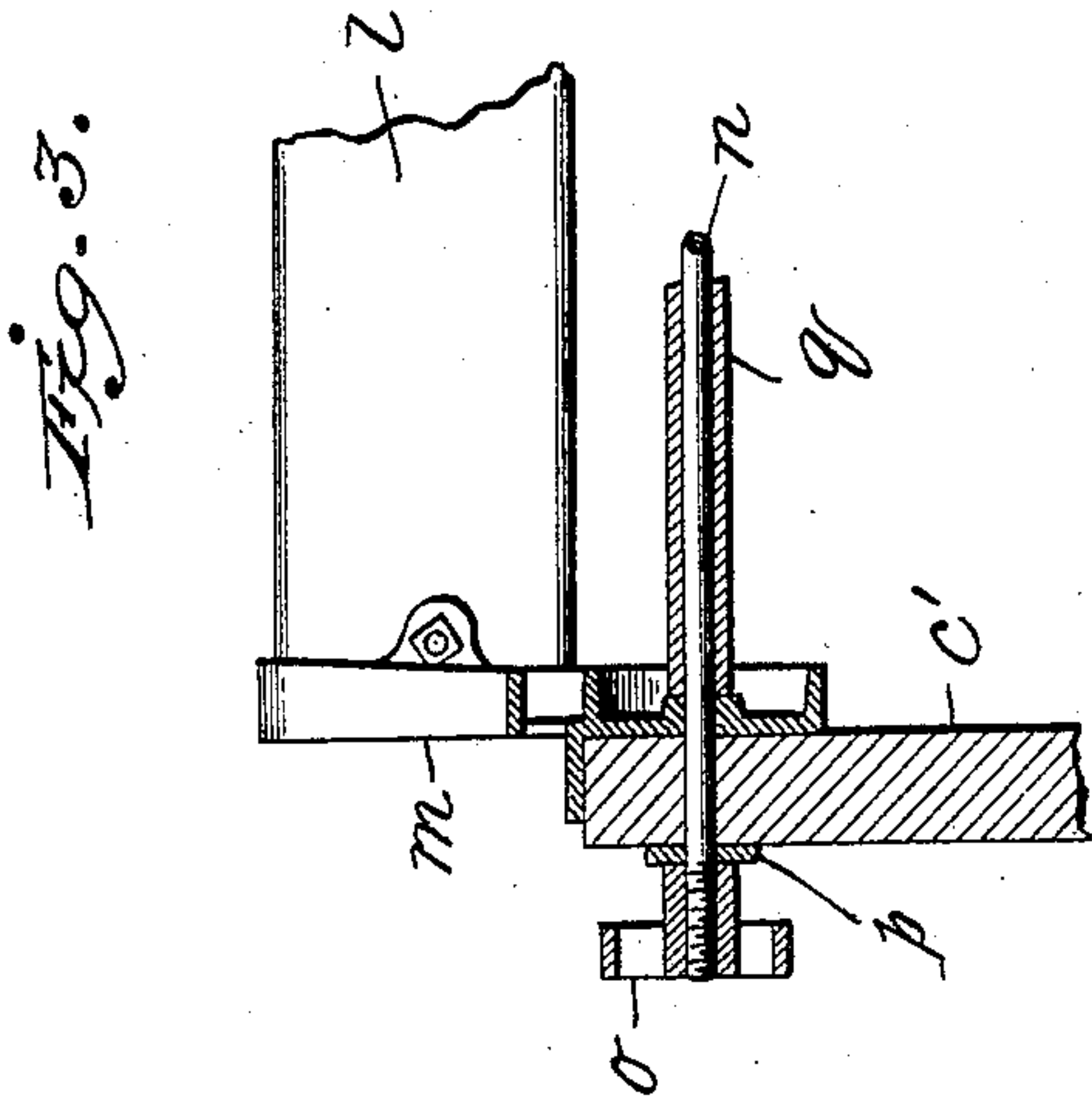
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# UNITED STATES PATENT OFFICE.

HERMAN SEGAR REAMS, OF RICHMOND, VIRGINIA, ASSIGNOR TO RICHMOND CEDAR WORKS, OF RICHMOND, VIRGINIA, A CORPORATION OF VIRGINIA.

## WASHING-MACHINE BENCH.

No. 845,262.

Specification of Letters Patent.

Patented Feb. 26, 1907.

Application filed October 5, 1906. Serial No. 337,573.

*To all whom it may concern:*

Be it known that I, HERMAN SEGAR REAMS, a citizen of the United States of America, and a resident of Richmond, county of Henrico, State of Virginia, have invented certain new and useful Improvements in Washing-Machine Benches, of which the following is a full and clear specification, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view showing the wringer-board turned back out of the way and the clothes-basket support swung down in full lines and folded up in dotted lines; Fig. 2, a vertical sectional view through the wringer-board and its supporting-rod; Fig. 3, a side elevation of the wringer-board support, and Fig. 4 a vertical longitudinal section showing the wringer-board support.

The object of this invention is to provide durable and simple devices for supporting the wringer-board in such manner that it may be readily swung or adjusted over the tub, so that all the water wrung from the clothes shall run back into the tub, the device being especially intended for that class of washing-machines in which the tub is permanently mounted on the bench and is provided with a hinged lid, it being necessary in this type of washing-machine to so mount the wringer-board that it may be swung back out of the way in order to permit the lid to be opened.

A further object is to provide, in connection with the wringer-board support, a simple folding support for the clothes-basket or other receptacle in which the wrung clothing is deposited, as more fully hereinafter set forth.

Referring to the drawings annexed by reference characters, *a* designates the two rear legs of the bench, which are connected by horizontal wooden bars *b* to the two front legs *c* thereof. The two front legs, as well as the two rear legs, are connected rigidly by a pair of transverse round bars *d*. The two top side bars *b* are transversely connected by boards *e*, which are adapted especially to support a rotary tub.

The front legs *c* are extended upwardly to a point approximately on a level with the top of the tub, and they are each braced to the side bars *b* by inclined metal braces *f*. A further bracing is obtained by means of a shorter metal brace-rod *g*. The clothes-bas-

ket support consists of a pair of side bars *h*, pivotally supported on the upper one of the rounds *d* at the front of the bench, one against the inner side of each front leg. The free ends of these bars *h* are connected by a round rod *i*, on which is pivotally hung the legs *j*, which respectively lie against the inner sides of the bars *h* and are connected at their free ends by a rod *k*. With a support of this construction it will be observed that the legs *j* may be folded or swung in between the side bars *h* and the whole frame swung up between the upper extensions of the front legs, in which folded position they may be clamped by means of the same clamp that holds the wringer-board in its adjusted positions, as hereinafter set forth.

The wringer-board *l* has attached to each of its ends a bracket-arm *m*, whose lower ends respectively lie against the inner faces of the extensions *c'* of the front bench-legs. Each of these arms is provided at its lower end with a hole through which a rod *n* passes, this rod extending entirely across the machine parallel with the wringer-board and being supported in corresponding holes in the upper ends of the supports *c'*. This rod or long bolt is provided at one end with a head, and at its other end it is threaded and provided with a hand-nut *o*, which bears upon a washer *p*, mounted on the rod and bearing upon the outer side of the adjacent extension *c'*. On the rod or bolt *n* is mounted a spacing-sleeve *q*, which extends entirely across between the two metal supporting-arms *m*. In this way the wringer-board supporting arms are pivotally mounted on the upper extremities of the extensions or supports *c'*, and as these supports extend to the full height of the tub it is obvious that the arms *m* may be adjusted back and forth, so as to bring the wringer-board directly over the tub or entirely out of the way thereof. This is especially advantageous in that class of washing-machines where the tub is permanently mounted on the bench and where, therefore, it is necessary to get the wringer-board out of the way of the lid of the tub when the lid is raised. The rod and hand-nut permit the wringer-board to be clamped in its adjusted positions, the supports or extensions *c'* being sufficiently elastic to permit a clamping action upon the wringer-board supports *m* and the spacing-



rod *g* being sufficiently long to prevent undue clamping action. This elasticity of the supports *c'* also enables the same to be clamped upon the folded clothes-basket supports, and thus hold the same in position without hooks or other extraneous fastening devices.

On the outer face of each of the arms *m* is formed an outward-extending transverse flange or rib *r*, which is curved so as to extend over upon and fit against the upper curved end of the extension *c'*, thus serving to brace the arm and protect the upper end of the extension. This flange is of such length that it forms a stop for limiting the movement of the supports *m* both forward and backward, the ends of the flange when the arms are moved to their limit in either direction abutting against the edges of the supports *c'*, as shown especially in Fig. 4.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a washing-machine bench, a supporting-frame having front and rear legs, said front legs being extended upward approximately to the height of a tub and having their upper extremities rounded, a long bolt connecting the upper rounded extremities of the extensions and provided with a tightening-nut, a spacing-sleeve surrounding said bolt, a wringer-board and supporting-arms therefor, said arms lying respectively between the ends of said spacing-sleeve and the inner side of the leg extensions and each of said arms being provided with an outward-extending curved stop-flange, for the purpose herein set forth.

2. In combination with a wash-bench, a pair of vertical standards or supports rising from the bench approximately to the height of the tub, a horizontal pivot connecting and mounted in the upper extremities of these standards, a wringer-board provided with a pair of arms, these arms being pivotally supported on said pivot between the standards

whereby the wringer-board may be swung in a vertical plane to and from the tub, and means for clamping the arms of the wringer-board in their adjusted position, for the purpose set forth.

3. A wash-bench provided with a pair of upstanding elastic supports, means for drawing the upper extremities of these supports toward each other, said means embodying a long horizontal pivot-bolt, means for limiting the movement of these supports toward each other, and a wringer-board whose supporting-arms are mounted pivotally on said pivot-bolt and are adapted to be clamped in their adjusted position.

4. In combination, a bench having a pair of upward-extending elastic supports, means for clamping the wringer-board supports between the upper ends thereof, and a folding clothes-basket support consisting of side supporting-bars and a pair of legs adapted to fold together and up between the said upward-extending elastic supports, said side supporting-bars when folded up lying closely to the inner faces of the supports, for the purpose set forth.

5. In a washing-machine bench, a supporting-frame having a pair of supports extending upwardly approximately to the height of the tub, a long bolt connecting the upper extremities of said supports and provided with a tightening-nut, a spacing-sleeve surrounding said bolt between said supports, a wringer-board whose supporting-arms are pivoted on said bolt and lie respectively between the ends of the spacing-sleeve and the inner sides of the supports, substantially as set forth.

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, this 29th day of September, 1906.

HERMAN SEGAR REAMS.

Witnesses:

W. F. CHALMERS,

W. POWERS LEFEBURE.