

P. L. L. YORGENSEN.
TROUSERS HANGER.
APPLICATION FILED FEB. 17, 1910.

956,254.

Patented Apr. 26, 1910.

Fig. 1.

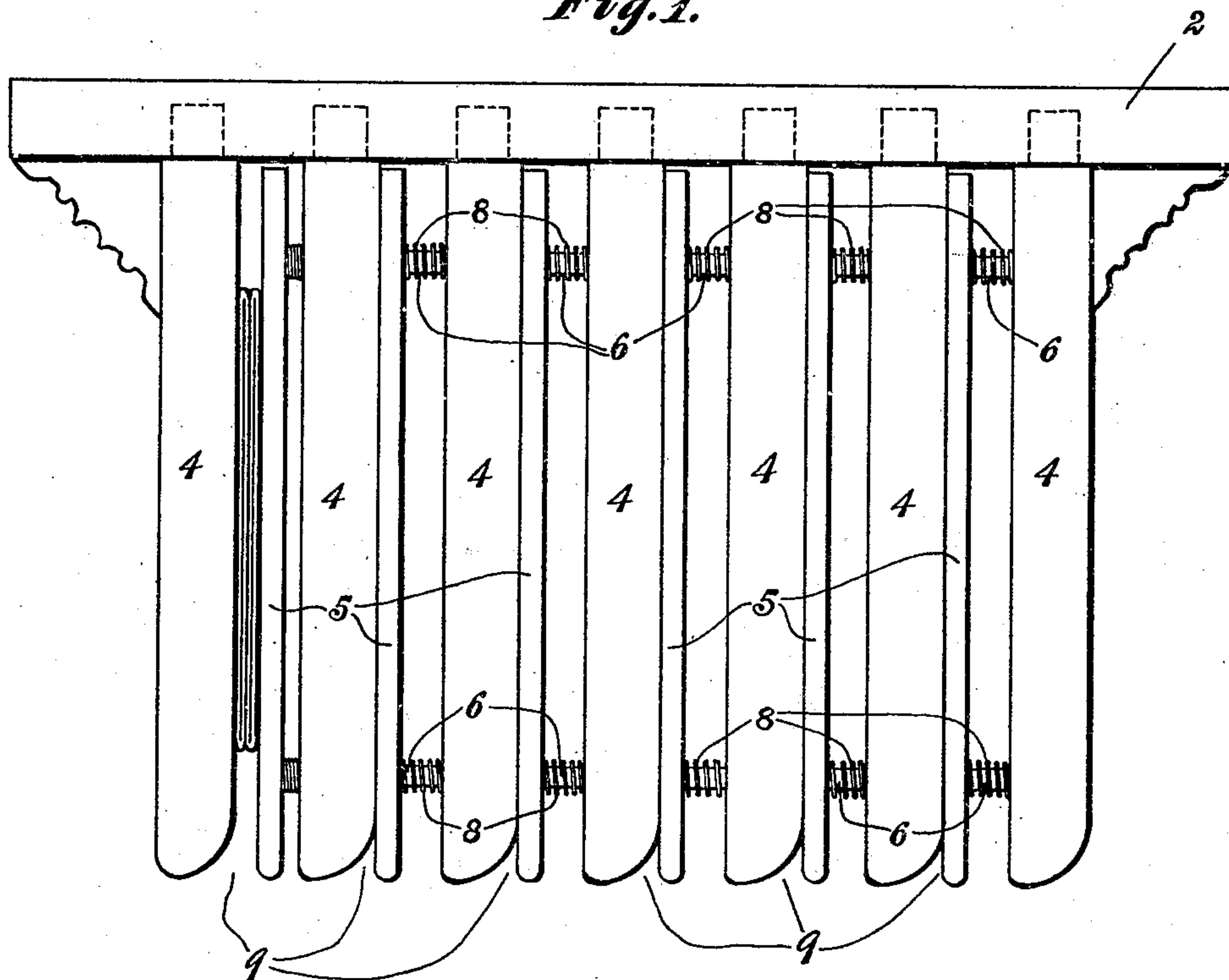


Fig. 2.

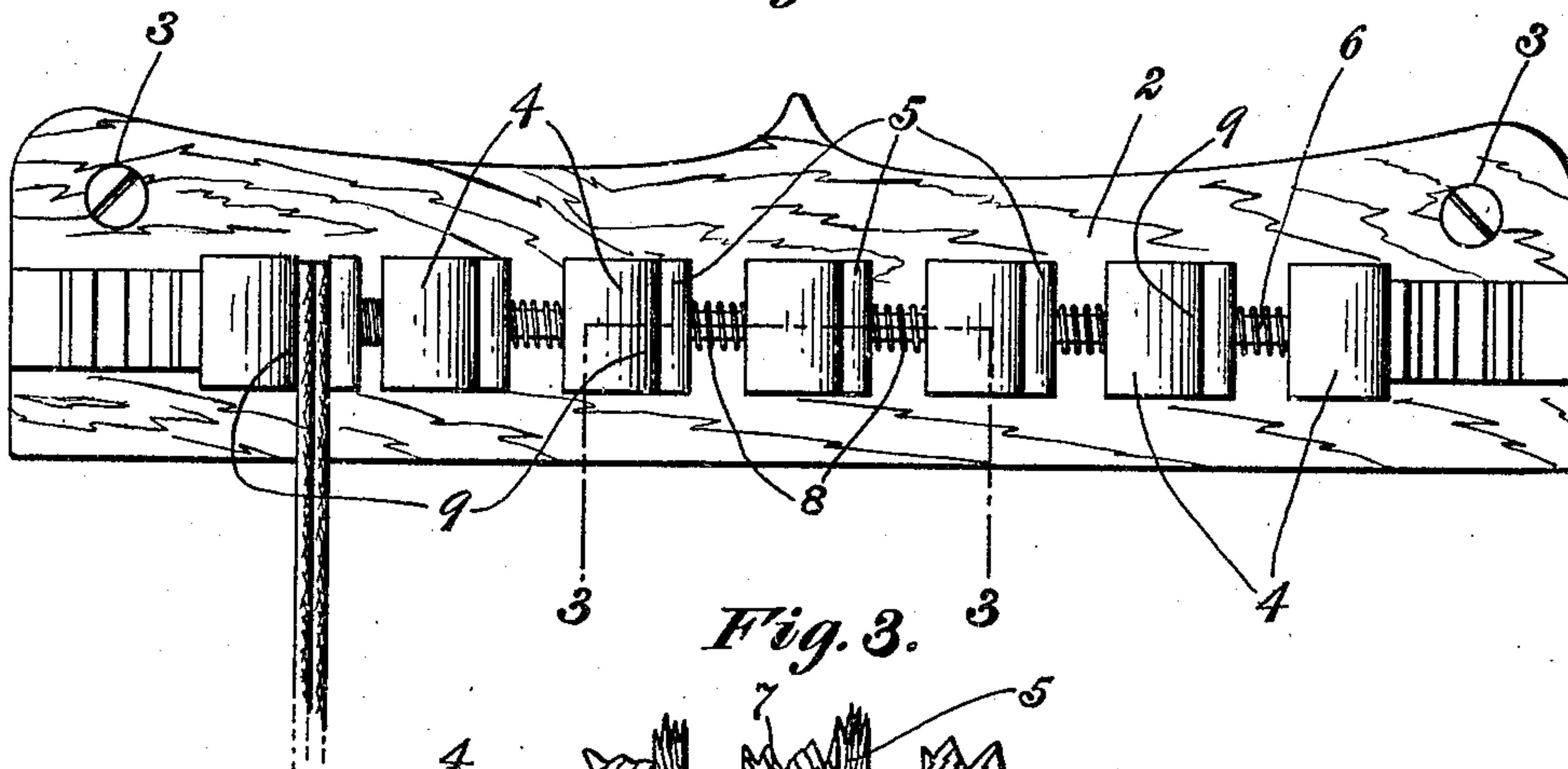
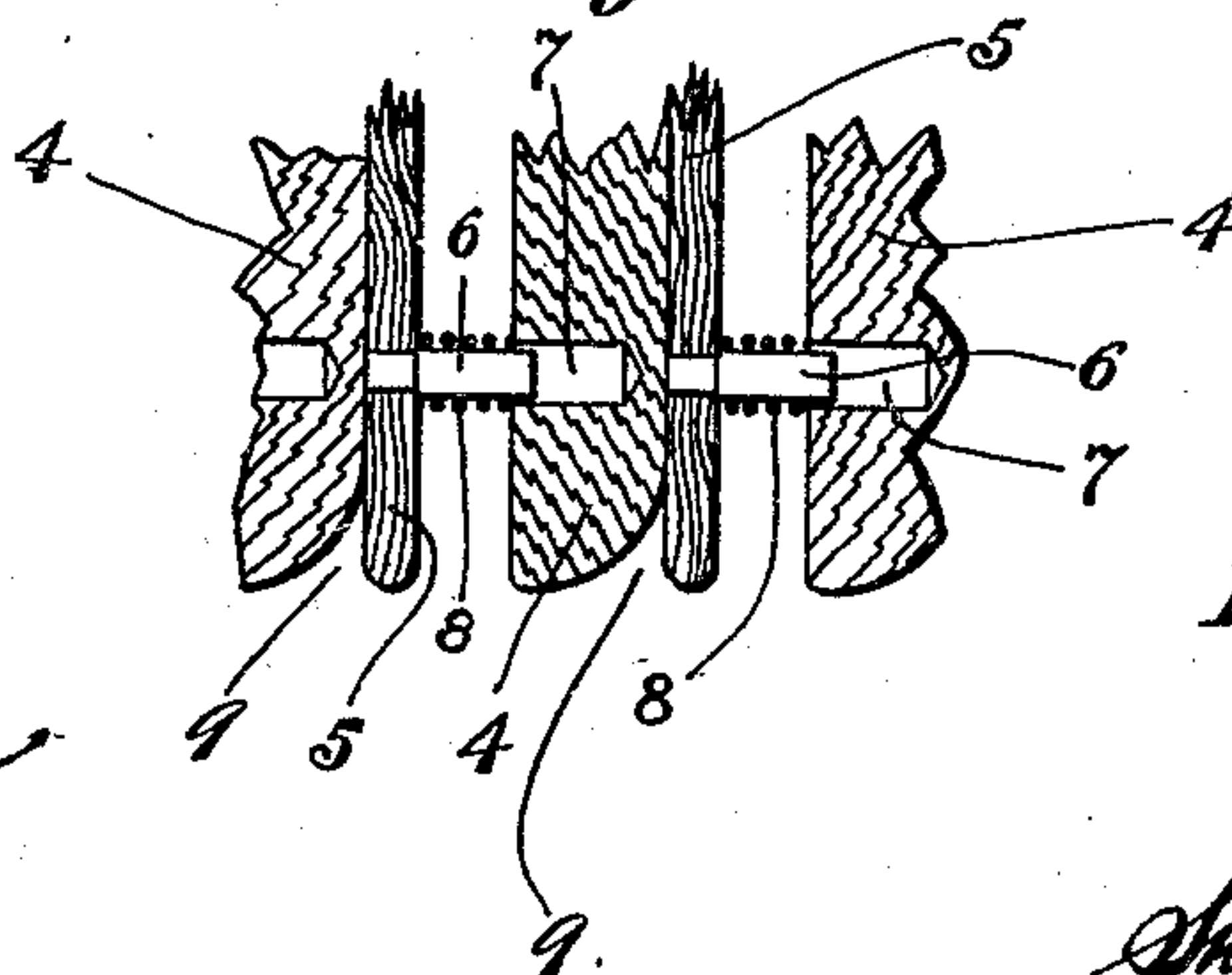


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

PAUL L. L. YORGENSEN, OF HARTFORD, CONNECTICUT.

TROUSERS-HANGER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, PAUL L. L. YORGENSEN, a citizen of the United States, residing at Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Trousers-Hangers, of which the following is a specification.

This invention relates to trousers hangers and the primary object of the invention is to provide a simple and effective article of this character by which trousers can be put in place therein with ease and rapidity and wherein the garments can be held properly suspended without possibility of their being unnaturally creased or otherwise injured. A device involving my invention possesses other features of novelty and advantage which with the foregoing will be set forth at length in the following description wherein I outline in detail that form of embodiment of the invention which I have selected for illustration in the drawings accompanying and forming part of the present specification, this disclosure being for the purpose of enabling those skilled in the art to practice the invention. From this it will be evident that I do not restrict myself to the showing made by said drawings and description as certain changes therefrom can be made within the scope of my invention as expressed in the claims succeeding said description.

Referring to said drawings, Figure 1 is a top plan view of a trousers hanger including my invention. Fig. 2 is a front elevation of the same, and, Fig. 3 is a section on the line 3—3 of Fig. 2.

Like characters refer to like parts throughout the several figures.

It is quite immaterial of what materials the device be made although I find that I can make the principal parts thereof of wood by the use of which both lightness and cheapness are secured. One of the members of the hanger is a back or body as 2 and this is generally fastened to a wall or other suitable part at the desired height. Said body or back 2 is shown having several perforations 3 to receive screws, nails or other fastening means whereby said back or body can be mounted in place. There are shown extending forward from said back or body 2, several arms 4 disposed in parallelism and of which there may be any desired number said arms being rigidly connected with the

back or body in any convenient manner. For example the inner ends of the arms may be reduced or tenoned to fit in blind mortises in the front face of the body, the tenons being glued in said mortises. Said arms with the back present a comb-like structure. The arms 4 may be of any desirable shape cross sectionally; for instance they may be rectangular by reason of which each arm presents an active flat face against which the trousers can be pressed and owing to this flatness there is no possibility of the trousers being unnaturally creased as would be the case were the active faces of said arms of curved or angular form where the trousers press thereagainst.

Each arm except one of the outer terminal ones is provided with a presser member as 5 which coöperates with the adjacent arm. For example the presser-member of the arm on the right in Figs. 1 and 2 would coöperate with the next adjacent arm, the arm at the extreme left in said views carrying no such presser-member although it does coöperate with the presser member of the adjacent arm. While said presser-members may be of any suitable nature flat strips answer my purpose satisfactorily in this connection, each strip having on its inactive side as distinguished from the active side thereof, several pins 6, two of said pins being sufficient for this purpose. The pins are rigidly connected with the respective presser-members or strips 5 and their reduced ends may be set and glued in mortises in the respective strips.

The arms 4 have formed therein bores 7 to receive the respective pins, each arm as will be clear except the one to which I have already referred having two of such bores which accurately guide the pins in their forward and backward movement although the fit of the pins in their said bores or seats is sufficiently free to permit easy movement of the pins. Said pins are surrounded by coil push springs 8 which present a convenient and simple means for operating the presser members or strips 5 to positively force or press the same against the respective co-operating arms 4.

It will be evident that the hanger comprises in effect several clamping devices and that each clamping device consists of an arm 4 and a strip or presser member 5 and it will be also evident that the acting faces of these last mentioned parts are flat and owing

to the fact that there are no springs acting against the operative faces of the strips 5 it will be obvious that it is a simple matter to introduce a pair of trousers between an arm and a cooperating strip or presser member. 5 All that is necessary to do to attain this end is to place one leg of the trousers against the other as would usually be done and then to introduce the two legs into the space be- 10 tween the two parts or sections of the clamping device and thrust the same toward the back or body 2, the thrust of the trousers opening out the particular strip. When the trousers are released the particular presser 15 member will press the legs thereof firmly and substantially against the cooperating arm 4. From this it will be apparent that no independent manipulation of the presser member is necessary as would be the case 20 were there projections or anything of a similar nature on the active faces of the particular clamping device which is to be put in use.

To facilitate the introduction of the trousers legs into the space between the jaws or 25 sections of the clamping devices, the latter at their entering ends may have mouths which may be obtained easily by cutting away the supporting arms as at 9 along 30 curved lines as owing to the curves there is no possibility of the trousers being torn.

What I claim is:

1. A trousers hanger comprising a body, a pair of rigid arms carried by said body, a 35 presser member carried by one of said arms, the other arm being cooperative with said presser-member to hold a pair of trousers and spring means acting against said presser member at longitudinally separated points.

40 2. A trousers hanger comprising a body, a

plurality of parallel arms rigidly carried by said body, and presser-members between the respective arms having rigid pins and cer- 45 tain of the arms having bores to slidably receive said pins, and coiled springs surrounding the pins and acting against the respective presser members.

3. A trousers hanger, comprising a body, a pair of rigid arms carried by said body, a 50 presser member between said arms, a pair of pins connecting said presser member with one of the arms, and spring means acting against said presser member at longitudinally separated points, to force the same 55 toward the other arm.

4. A trousers hanger comprising a body, a plurality of parallel arms rigidly carried by said body, presser members between the re- 60 spective arms having rigid pins and certain of the arms having bores to slidably receive said pins, and springs acting against the presser-members at longitudinally separated points.

5. A trousers hanger comprising a body, a plurality of rigid arms carried by said body 65 and in parallelism with each other, presser members between the respective arms and having rigid pins, certain of the arms having bores to slidably receive said pins, and coiled springs surrounding the pins and 70 bearing against the presser members and the arms which respectively receive said pins, the arms being cut away at their front ends.

In testimony whereof I affix my signature in presence of two witnesses.

PAUL L. L. YORGENSEN.

Witnesses:

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HEATH SUTHERLAND.