

H. L. HOHLFELD.
SETTEE HAMMOCK.

APPLICATION FILED SEPT. 9, 1908. RENEWED DEC. 16, 1909.

947,546.

Patented Jan. 25, 1910.

3 SHEETS—SHEET 1.

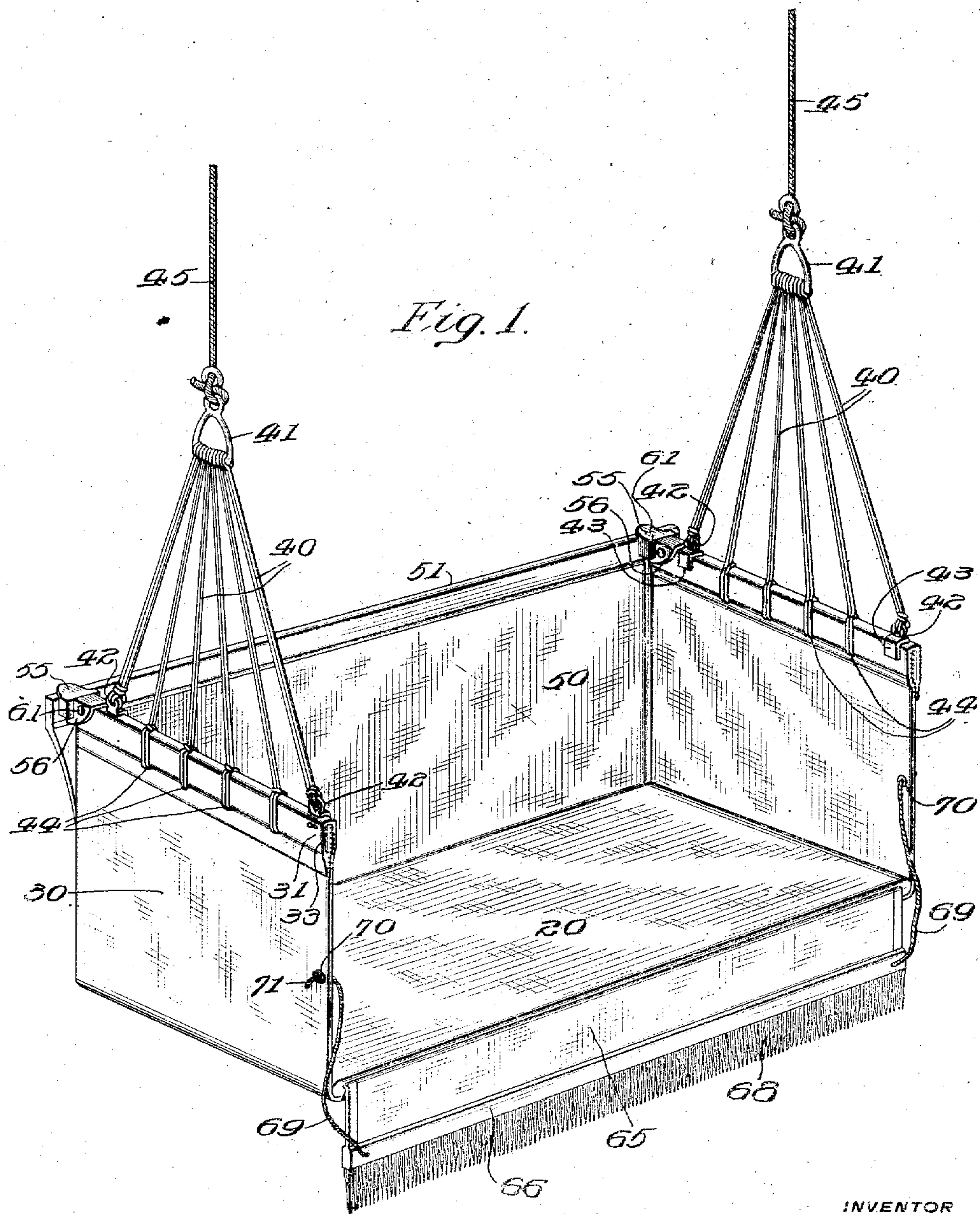


Fig. 1.

WITNESSES

H. J. Hartman.
A. J. Gardner.

BY

INVENTOR
Herman L. Hohlfeld.

H. J. Hartman.

ATTORNEY

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3 SHEETS—SHEET 2.

Fig. 2.

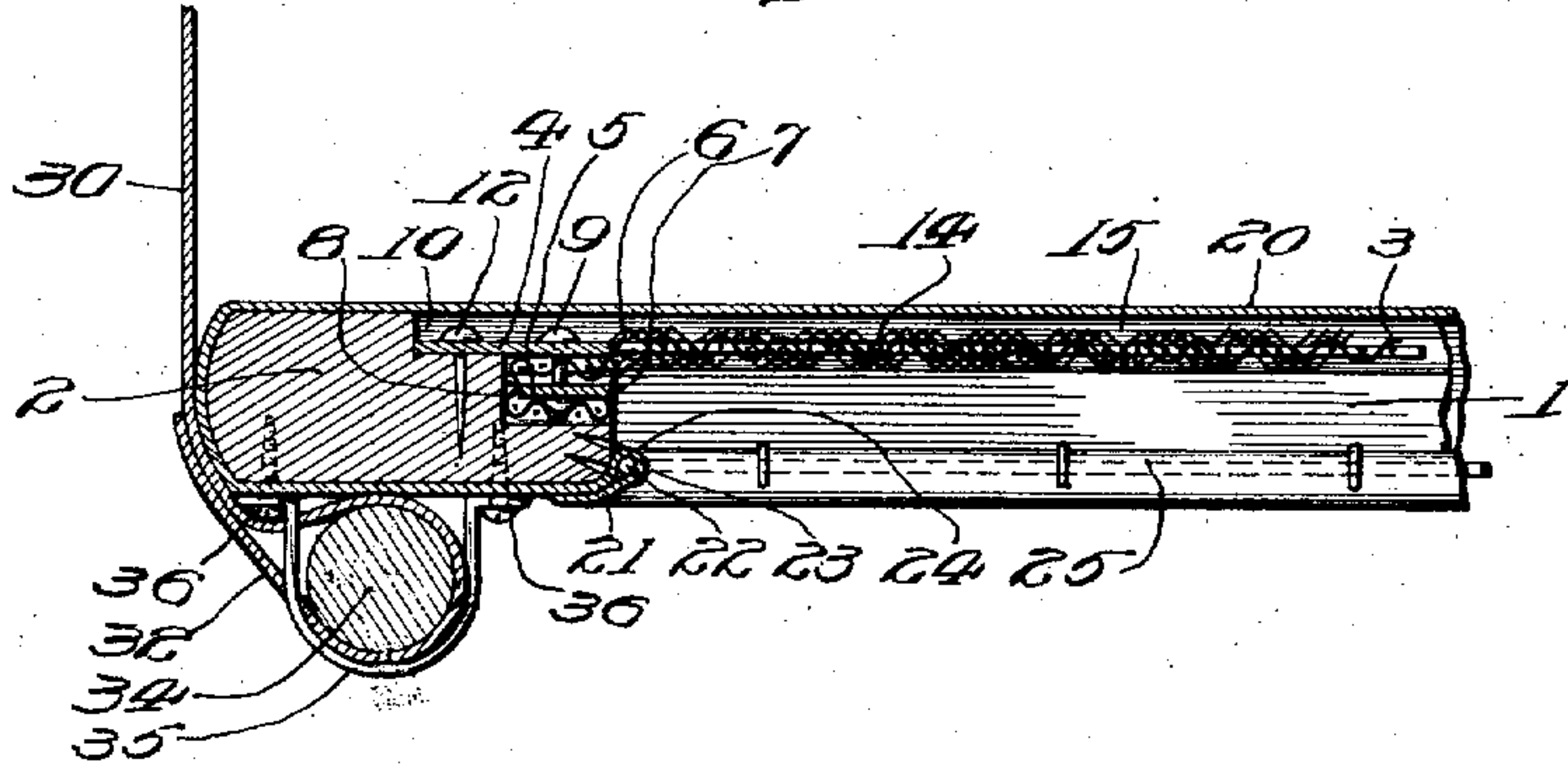
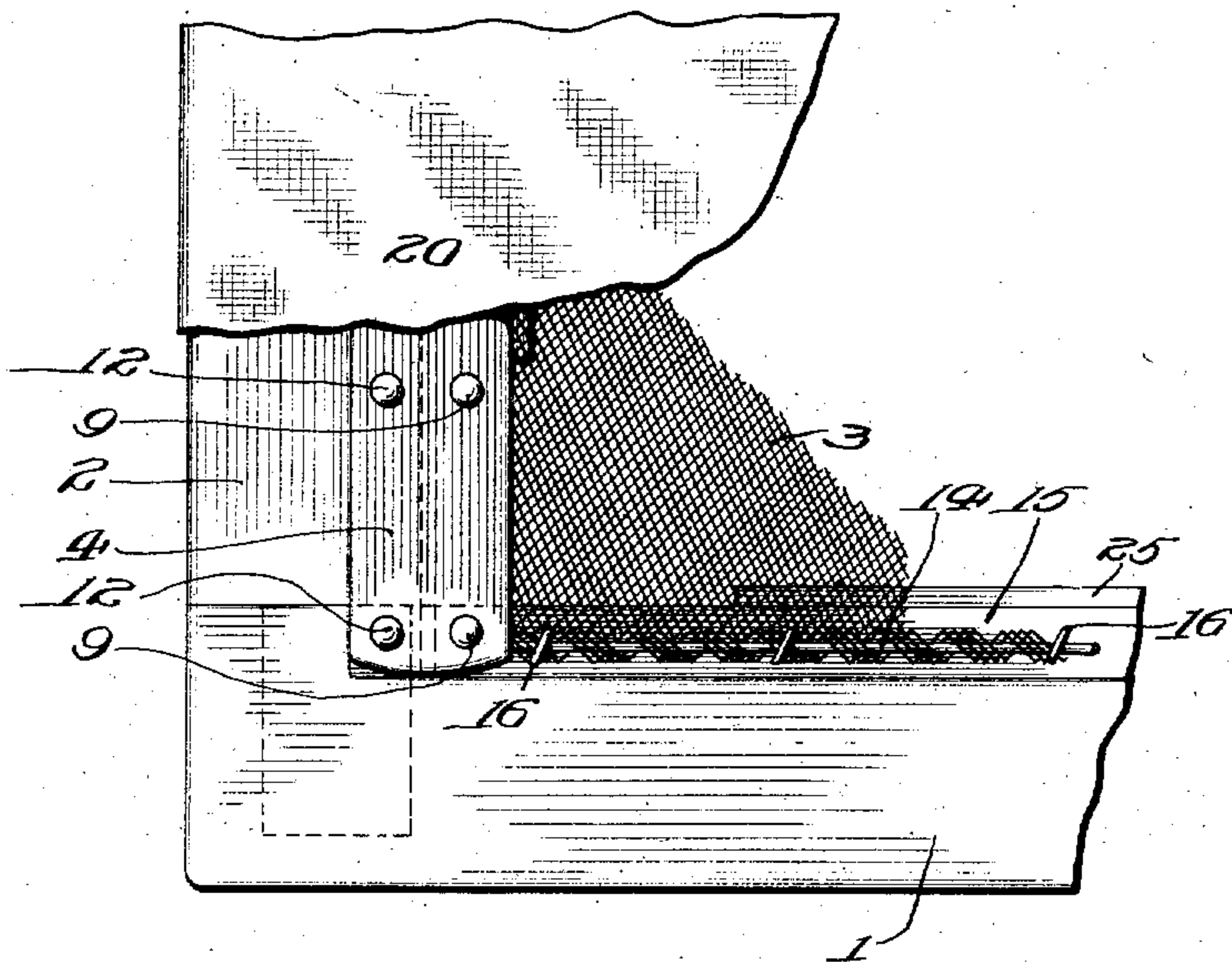


Fig. 3.



INVENTOR

Herman L. Hohlfeld.

WITNESSES

W. J. Hartman.

A. J. Gardner.

BY

John Peltz.

ATTORNEY

H. L. HOHLFELD.

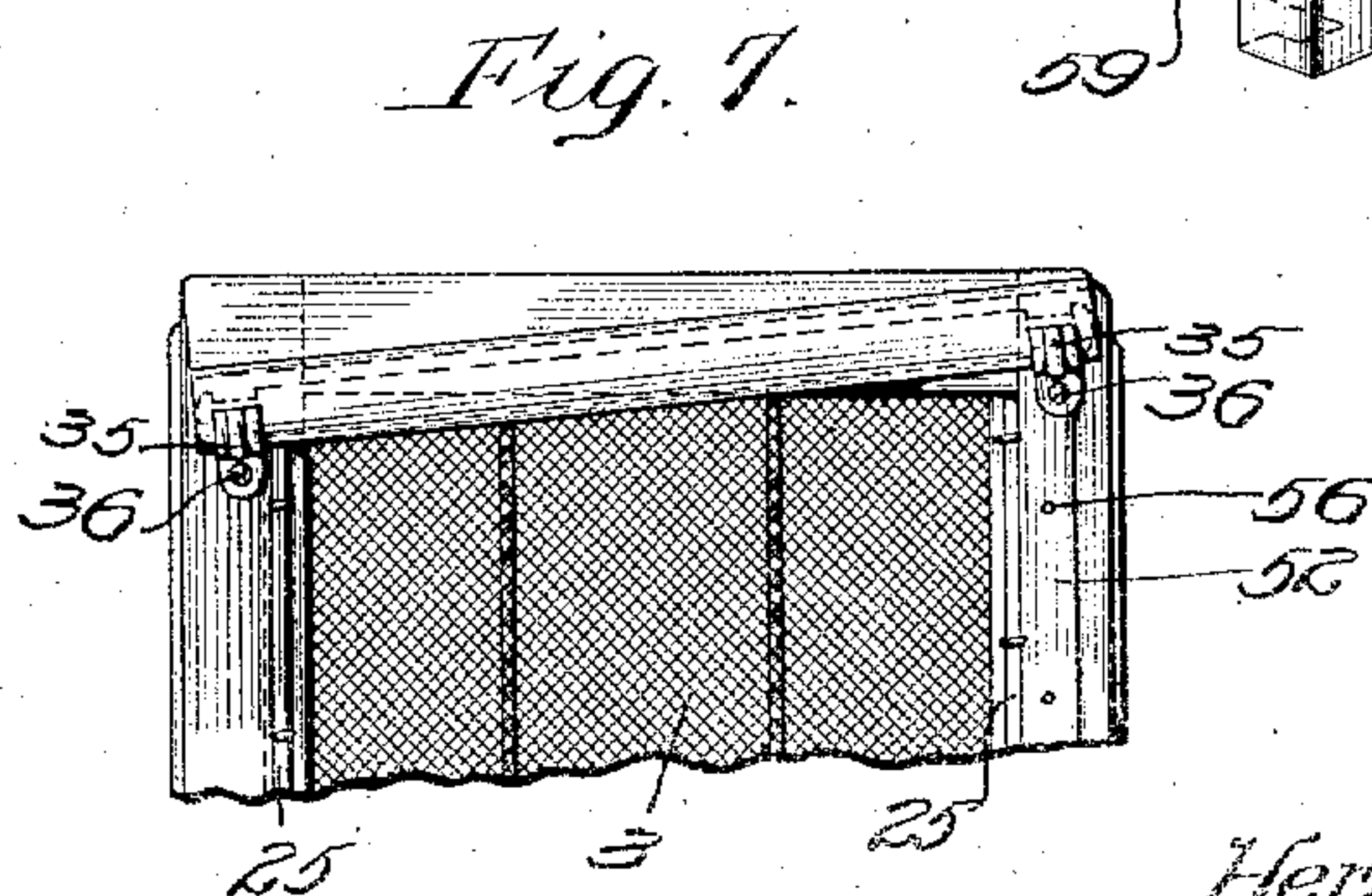
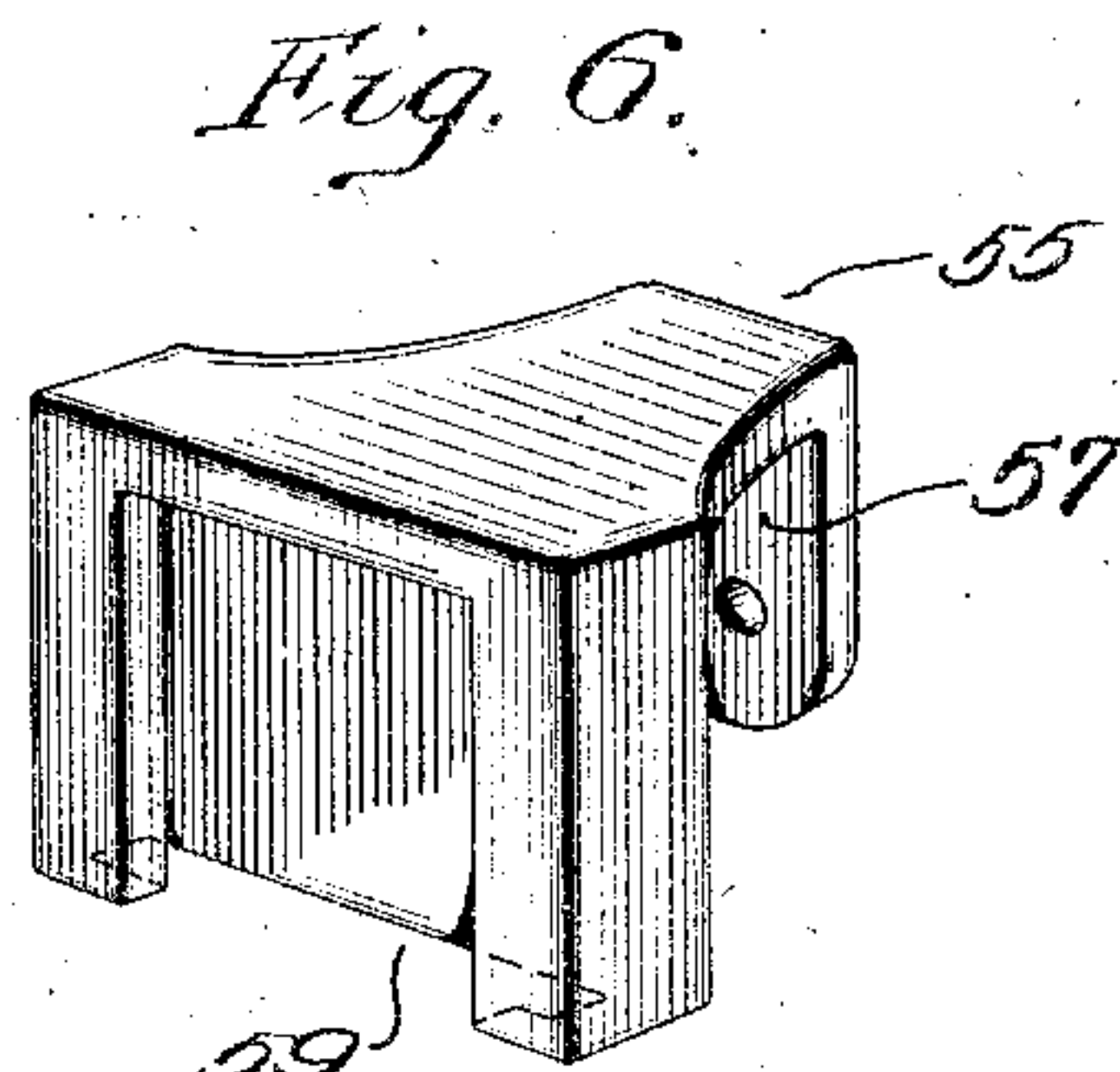
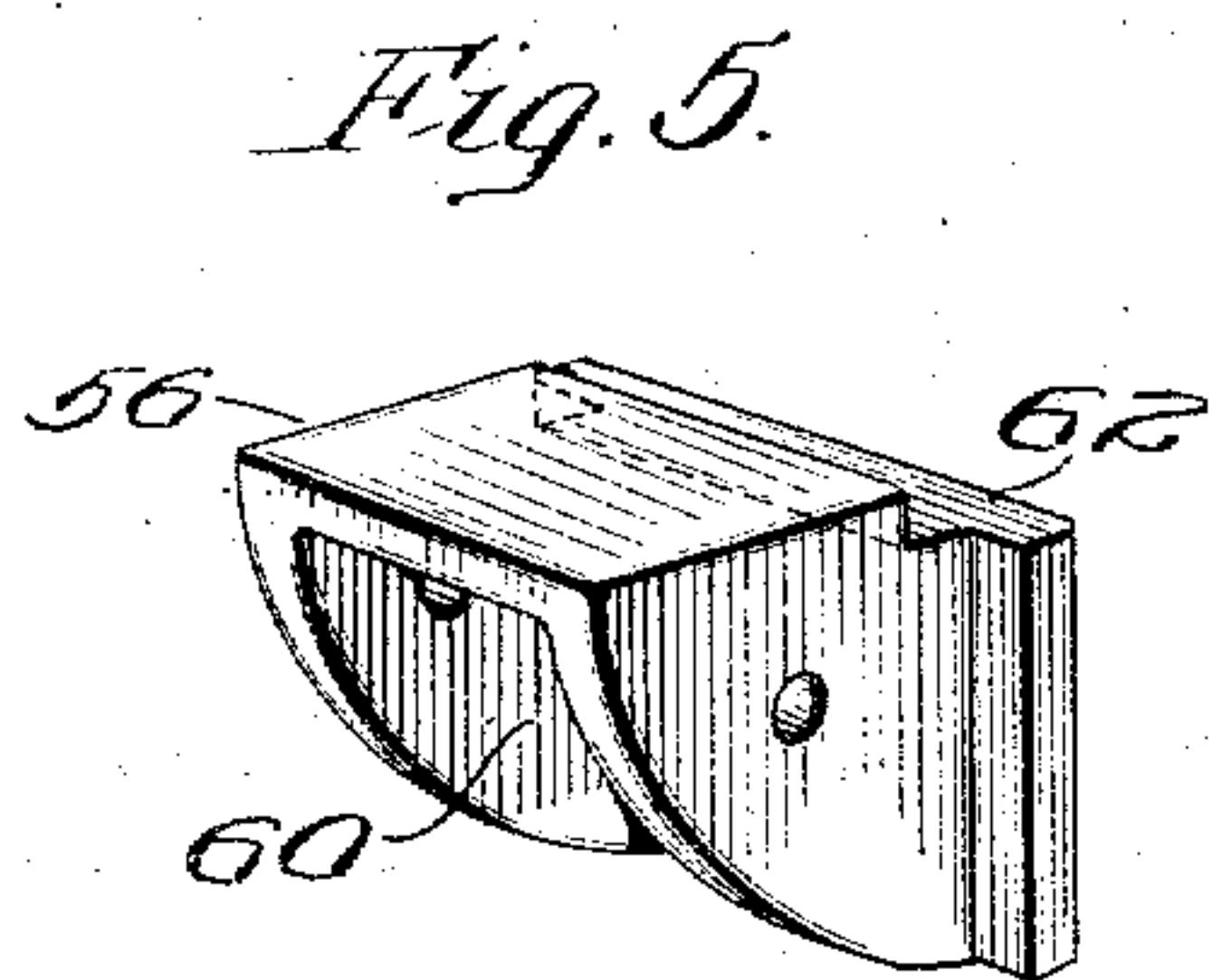
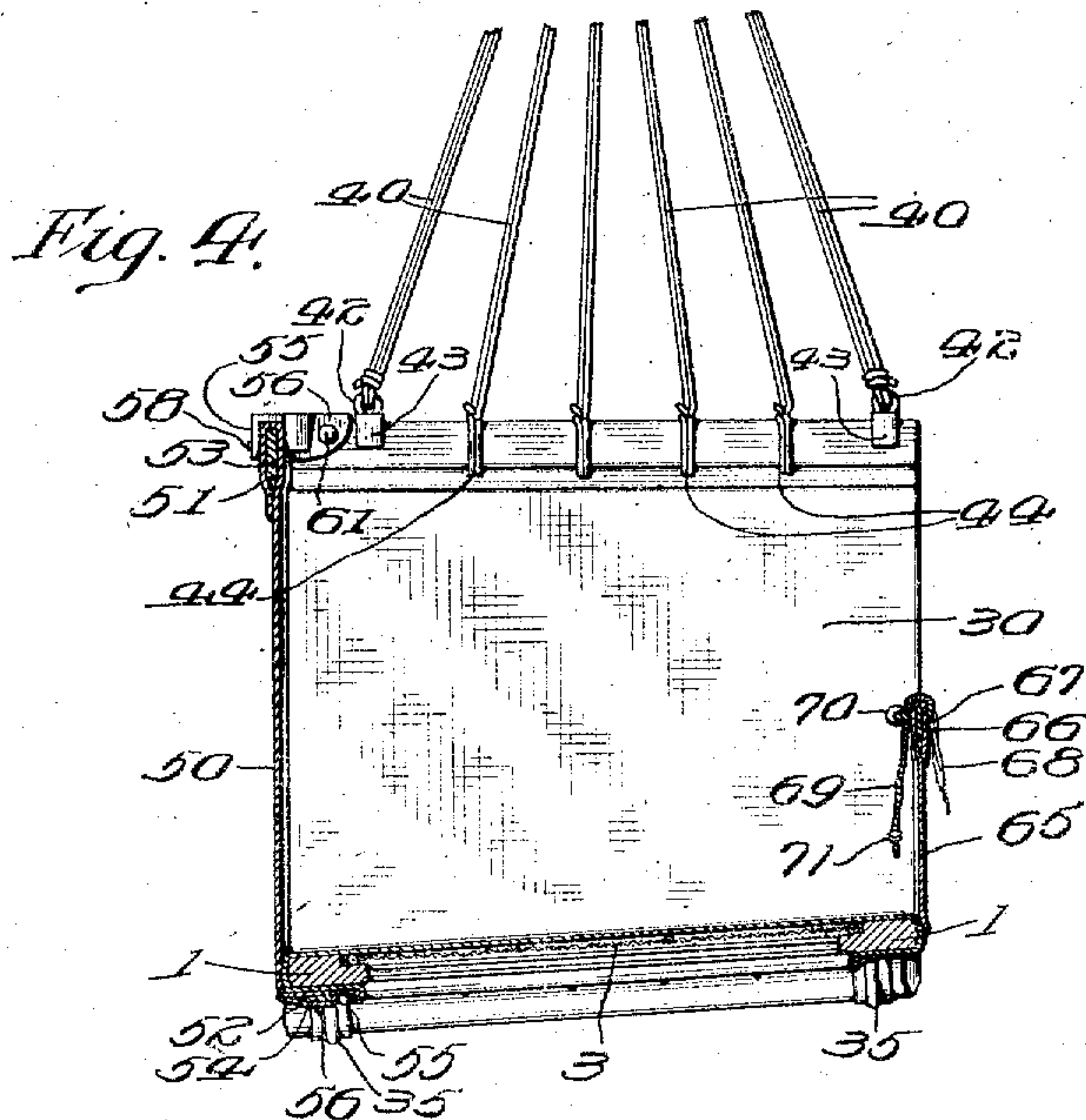
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ATTORNEY

UNITED STATES PATENT OFFICE.

HERMAN L. HOHLFELD, OF PHILADELPHIA, PENNSYLVANIA.

SETTEE-HAMMOCK.

947,546.

Specification of Letters Patent.

Patented Jan. 25, 1910.

Application filed September 9, 1908, Serial No. 452,266. Renewed December 16, 1909. Serial No. 533,392.

To all whom it may concern:

Be it known that I, HERMAN L. HOHLFELD, a citizen of the United States, and a resident of the city of Philadelphia, State of Pennsylvania, have invented a certain new and Improved Settee-Hammock, of which the following is a full, clear, and exact disclosure, reference being had to the accompanying drawings, forming a part of this specification.

The main objects of this invention are to provide a settee hammock of light weight, of durable and comfortable construction, and pleasing design; that may be easily and quickly adjusted for use, and that, when not in use, may be readily folded to form a compact bundle for storage or transportation; to provide a settee hammock having an adjustable front and an adjustable back and that may be conveniently converted from a settee into a crib or what may be used with or without either the front or back in operative position; and to provide other improvements as will appear hereinafter.

In the accompanying drawings: Figure 1 is a perspective view of a settee hammock constructed in accordance with this invention; Fig. 2 a fragmentary vertical longitudinal section of one end of the same; Fig. 3 a fragmentary top plan view of one corner of the same; Fig. 4 a transverse vertical section of the same; but showing the front thereof in raised profiling; Figs. 5 and 6 are perspective views of details of the device; and Fig. 7 is a fragmentary bottom plan view of the device.

Referring to the drawings, one embodiment of this invention comprises a seat having two ends, a back, and a front or valance, flexibly secured thereto, means for detachably connecting the back and front to the sides and means connected to the ends for supporting the device.

The seat of the device shown comprises a substantially rectangular frame formed of side bars 1 and end bars 2 rigidly fastened together in any suitable manner as for instance by a mortise and tenon construction.

A woven wire mattress 3 is stretched across the frame adjacent the upper surface thereof, the wires of the mattress extend longitudinally of the frame and the ends of the wires are secured to the ends of the frame by means of a pair of cleats 4 and 5 located one above the other and upon opposite sides of the mattress, at each end of the

mattress. The upper cleat 4 of each pair is wider than the corresponding lower cleat 5. The inner edges 6 and 7 of the cleats are substantially flush, and each end of the mattress extends between the corresponding pair of cleats and is folded around the outer edge 8 of the lower cleat. Each pair of cleats is secured together by means of rivets 9 passing through the cleats and the mattress.

The ends of the mattress with the cleats thereon are secured respectively in the recesses 10 provided therefor in the upper sides of the inner edges of the end bars 2 of the frame, by means of nails 12, extending through the outer edges of the broader cleats and into the ends of the frame. The recesses 10 are made deeper adjacent the inner edges of the ends of the frame than at the outer edges of the recesses, to conform to the dimensions of the ends of the mattress. By this construction, the ends of the wires of the mattress are clamped securely between the corresponding pairs of cleats, and the folded ends of the wires are clamped tightly between the lower cleats and the ends of the frame.

The side edges of the mattress are provided with straight rods or spreaders 14 inserted through the coils of the mattress, and the side edges are secured in recesses 15 provided therefor in the upper sides of the inner edges of the side bars 1 by means of staples 16 passing over the spreaders 14 through the mattress and into the side bars.

A cover 20 of canvas or other suitable fabric is stretched over the upper surface and outer edges of the frame of the seat and the edges of the cover are folded under the frame, each edge being provided with a pocket 21 having a rod or spreader 22 therein and being secured to the frame by means of staples 23 passing through the pockets and around the rods.

The end edges 24 of the cover of the seat are folded around and secured to, the inner edges of the end bars of the frame, while the side edges 25 of the cover are secured to the under sides of the side bars 1 of the frame adjacent the inner edges thereof, thus the end edges of the cover which have to support greater stresses than the side edges are more securely held than the side edges.

Each fabric end 30 of the settee is provided at each end edge with pockets 31 and 32 respectively containing spreaders 33 and

34 respectively. The inner or lower edges of these fabric ends are secured upon the under side of the ends of the seat respectively by means of cleats 35 passing around the spreaders 34 and through the pockets, the cleats being fastened by screws 36 or other suitable means.

The pieces of fabric forming the ends of the settee are substantially rectangular in shape and the spreaders in the edges of the ends are at right angles to the warp of the fabric so that the pull upon the spreaders when the settee is suspended will be in a direction perpendicular to the warp to give the maximum strength and to avoid displacement of the fabric on the spreaders which would be apt to occur were the pull on the fabric oblique to the stretchers.

To give the seat a slight downward tilt rearwardly, the ends of the settee are secured to the under side of the seat in slightly oblique directions, the spreaders in the lower edges of the fabric ends of the settee diverging slightly toward the rear of the seat whereby when the upper edges of the ends of the settee are held horizontally the seat will have the desired tilt.

For suspending the settee, a set of clue cords 40 is provided at each end of the device, each set radiating from the usual rings 41, and the lower ends of each set are secured to the upper edges of the ends of the settee, the outer clue cords being secured in the eyes 42 of suitable cleats 43 riveted through the ends of the spreaders respectively, and the ends of the inner clue cords are secured through eyelets 44 in the pockets inside of the spreaders. A rope 45 is connected to each ring 41 whereby the settee may be suspended from suitable supports.

The back 50 of the settee is provided upon its side edges with pockets 51 and 52 respectively having spreaders 53 and 54, preferably oblong in cross section, and made of wood. The inner side edge 55 of the back is secured to the under side of the rear side bar of the frame of the seat by means of nails 56 or other suitable fastening means, passing through the sides of the pocket 52, spreader 54, and into the side bar. The front, back and ends of the settee are formed preferably of the same material as that used for the cover of the seat.

For detachably connecting the back and ends of the settee, two pairs of interlocking members 55 and 56, are provided, one member of each pair being secured to the upper edge of the back adjacent a corner thereof and the other member of each pair being secured to a corresponding corner of one of the sides of the settee. The members 55 connected to the back are slotted as at 57 to embrace the upper edge of the back around the spreader and are secured in place by means of nails or rivets 58 passing through

the rear sides of the members and into the spreaders. The front sides of these members 55 are provided with under cut slots 59 opening downwardly. The members 56 upon the ends of the settee are recessed as at 60 to embrace the corners of the ends and are held in place by rivets 61. These members 56 are each provided with laterally projecting tongues 62 adapted to fit into the under-cut recess 59 of the other member 55 of each pair; the tongues being introduced into their corresponding recesses by an upward movement and being held in place by the pull upon the clue cords in suspending the settee. When however, the tension upon the clue cords is released, the interlocking members are readily separated.

The front or valance 65 of the settee is attached to the front edge of the seat by having the upper edge of the valance stitched to the cover of the seat. The free edge of the valance is provided with a pocket 66 inclosing a spreader 67 and is ornamented with a fringe 68. For raising the valance to convert the settee into a crib suitable for the use of small children, the free corners of the valance are provided with cords 69 secured thereto and extending loosely through eyelets 70 in the front edges of the ends of the settee, the cords being held in place in the eyelets by means of knots 71 upon the ends of the cords. When it is desired to raise the front of the settee, the cords are drawn through the eyelets to bring the front into the desired position as shown in Fig. 4, the cords then being tied to keep the front in place.

With this construction in mind, it is evident that the objects of this invention have been realized in the device set forth, but I wish it to be distinctly understood that I do not limit myself to the exact construction shown, as it is obvious that many changes might be made in the device described within the scope of the appended claims.

Having thus fully described my invention, I claim and desire to protect by Letters Patent of the United States:

1. A settee hammock comprising a seat, two ends, and a back, means for detachably connecting said ends to said back, and means directly connected with said ends only, for suspending said hammock, and whereby said ends and said back are held rigidly connected.

2. A settee hammock comprising a seat, two ends and a back connected to said seat, means for detachably connecting said ends to said back and means for suspending the hammock whereby said ends and said back are held rigidly connected.

3. A settee hammock comprising a seat, a flexible end flexibly connected to each end of said seat, a flexible back flexibly con-

needed to the rear of said seat, and slidably separable interlocking means for connecting said flexible ends to said back, said interlocking means being separable by vertical movement when said hammock is in operative position.

4. A settee hammock comprising a seat, a flexible end flexibly connected to each end of said seat, a fabric back flexibly connected to the rear of said seat, means for detachably connecting said ends to said back, and means directly connected to said ends only for supporting the hammock whereby said ends and said back are held rigidly connected.

5. A settee hammock comprising a seat, a fabric end flexibly connected to each end of said seat, a fabric back flexibly connected to the rear of said seat, a spreader secured in the free edge of each fabric end and in the free edge of said back, and means for detachably connecting the spreaders.

6. A settee hammock comprising a seat, a fabric end flexibly connected to each end of said seat, a fabric back flexibly connected to the rear of said seat, a spreader secured in the free edge of each fabric end and in the free edge of said back, means for detachably connecting the spreaders, and means for suspending the hammock whereby said spreaders are held connected.

7. A settee hammock comprising a seat, a fabric end flexibly connected to each end of said seat, a fabric back flexibly connected to the rear of said seat, a spreader secured in the free edge of each fabric end and in the free edge of said back, means for detachably connecting the spreaders, and means connected to the end spreaders for suspending the hammock whereby said end spreaders are held detachably connected to said back spreader.

8. A settee hammock comprising a seat, two ends and a back connected to said seat, means connected to said ends for supporting said seat, and means held in engagement by said supporting means for detachably connecting said ends to said back.

9. A settee hammock comprising a seat, two ends, and a back flexibly connected to said seat, means for supporting said seat directly connected to said ends only, and interlocking members between said ends and said back, and held in engagement by said supporting means for detachably connecting said ends to said back.

10. A settee hammock comprising a seat, two ends and a back, means directly connected to said ends only, for supporting said seat, and means held in engagement by said supporting means for detachably connecting said ends to said back.

11. A settee hammock comprising a seat and fabric ends for supporting said seat, each of said ends having a pocket in one edge thereof, and a spreader in said pocket

extending at right angles to the said end, said spreader being secured to said seat obliquely thereof.

12. A settee hammock comprising a seat, and fabric ends for supporting said seat, each of said ends having a pocket in one edge thereof, and a spreader in said pocket extending at right angles to the warp of said end, said spreader being secured to the under side of said seat obliquely thereof to lift the front edge of said seat.

13. A settee hammock comprising a seat, a back, an end, means for detachably connecting said end to said back, and means for supporting said hammock, whereby said end and said back are held rigidly connected, said end being separable from said back by a vertical movement thereof, when said hammock is in operative position.

14. A settee hammock comprising a seat and two ends and a back flexibly connected to said seat, and means for detachably connecting said ends to said back, said means comprising two pairs of interlocking members, one member of each pair being secured to said back and one member of each pair being secured to each end.

15. A settee hammock comprising a seat and a back and an end flexibly connected to said seat, two members secured to said end and said back respectively for detachably connecting said end and back, one of said members being provided with an under cut recess, and the other of said members being provided with a tongue for engaging said recess.

16. A settee hammock comprising a seat and a back, and an end flexibly secured to said seat, a bracket secured to said back and having an under cut recess opening downwardly, and a bracket secured to said end and having a tongue adapted to engage in said recess to hold said back and said end detachably together.

17. A settee hammock comprising a seat, an end of flexible material connected to each end of said seat, a back of flexible material connected to the rear of said seat, a spreader secured to each flexible end, and a spreader secured to said back, and means for detachably connecting said spreaders.

18. A settee hammock comprising a seat, an end connected to each end of said seat, a back connected to said seat, means for detachably connecting said ends to said back, and means for supporting the hammock whereby said ends and said back are held rigidly connected.

19. A settee hammock comprising a seat, flexible ends for supporting said seat, and a spreader secured to each of said ends and extending at right angles to the longitudinal axis thereof, said spreader being secured to said seat obliquely thereof.

20. A settee hammock comprising a seat,

two ends, and a back connected to said seat, two pairs of interlocking members for connecting said back to said ends, one member of each pair being secured to said back and one member of each pair being secured to each end, and means secured to said ends for supporting said hammock whereby said interlocking members are held together.

21. A settee hammock comprising a seat, a flexible end connected to each end of said seat, a flexible back connected to the rear of said seat, a spreader secured to the free edge of each of said flexible ends, and to the free edge of said back, and means for detachably connecting said spreaders.

22. A settee hammock comprising a seat, a flexible end connected to each end of said seat, a flexible back connected to the rear of said seat, a spreader secured to the free edge of each of said flexible ends and to the free edge of said back, means for detachably connecting said spreaders, and means for suspending the hammock, whereby said spreaders are held connected.

23. A settee hammock comprising a seat, a flexible end connected to each end of said seat, a flexible back connected to the rear of said seat, a spreader secured to the free edge of each of said flexible ends and to the free edge of said flexible back, means for detachably connecting the spreaders, and means connected to the end spreaders for suspending the hammock, and whereby said end spreaders are held detachably connected to said back spreader.

24. A settee hammock comprising a seat, a flexible end for supporting said seat, a spreader connected to said flexible end, and extending at right angles to the longitudinal axis thereof, and secured to said seat obliquely thereof.

25. A settee hammock comprising a seat, and flexible end for supporting said seat, a spreader connected to said end and extending at right angles to the longitudinal axis thereof and attached to said seat obliquely and upon the under side thereof.

26. A settee hammock comprising a seat, an end and a back flexibly connected to said seat, and a pair of interlocking members for detachably connecting said end to said back, one of said interlocking members being secured to said back and one of said interlocking members being secured to said end.

27. A settee hammock comprising a seat, a flexible back, a flexible end, and two members, secured to said end and to said back respectively for detachably connecting said end and said back, one of said members being provided with an undercut recess, and the other of said members being provided with a tongue for engaging said recess, said end being separable from said back by a vertical movement of said end when said hammock is in operative position.

28. A settee hammock comprising a seat, a back, an end, and two interlocking members secured to said end and said back respectively for detachably connecting said end and back, said interlocking members being separable by the movement of one of said members toward said seat.

29. A settee hammock comprising a seat, a back, an end, a member having a recess opening toward said seat, and a member having a tongue adapted to engage in said recess to hold said back and said end detachably connected, said members being separable by the movement of one of said members toward said seat.

30. A settee hammock comprising a seat, a back, an end, a member having a recess opening toward said seat, and means to hold said back and said end detachably connected, and means secured to said end only, for supporting the hammock.

31. A settee hammock comprising a seat, a back, an end, a member having a recess opening toward said seat, and said back and said end being detachably connected, and means secured to said end only, for supporting the hammock.

32. A settee hammock comprising a seat, an end of flexible material connected to said seat, a back of flexible material connected to said seat, a spreader secured to the free edge of said flexible end, a spreader secured to the free edge of said flexible back, and means for detachably connecting said spreaders.

33. A settee hammock comprising a seat, an end of flexible material connected to the end of said seat, a back of flexible material connected to the rear of said seat, a spreader secured to the free edge of said flexible end, a spreader secured to the free edge of said flexible back, and means for detachably connecting said spreaders, said spreaders being separable by the movement of one spreader toward said seat.

34. A settee hammock comprising a seat, an end of flexible material connected to the end of said seat, a back of flexible material connected to the rear of said seat, a spreader secured to the free edge of said flexible end, a spreader secured to the free edge of said flexible back, and means for detachably connecting said spreaders, said spreaders being separable by the movement of one spreader toward the seat and means connected to one of said spreaders for supporting said hammock.

35. A settee hammock comprising a seat, a back, an end, said back being detachably connected to said end, and means secured to said end only, for supporting the hammock, said end being separable from said back by the movement of said end toward said seat.

36. A settee hammock comprising a seat, a flexible end for supporting said seat, a

spreader secured to one edge of said end and oblique to and upon the under side of said seat.

37. A settee hammock comprising a seat, 5 a flexible end and a flexible back connected to said seat, a spreader secured to the free edge of said end, a spreader secured to the free edge of said back, and means for detachably connecting said spreaders, one of 10 said spreaders being movable upwardly with respect to the other spreader when the hammock is in operative position to detach said spreaders.

38. A settee hammock comprising a seat, 15 a flexible end and a flexible back connected to said seat, a spreader secured to the free edge of said end, a spreader secured to the free edge of said back, means for detachably connecting said spreaders, one of said 20 spreaders being movable upwardly with respect to the other spreader when the ham-

mock is in operative position, to detach said spreaders, and means connected to the other spreader to support said hammock.

39. A settee hammock comprising a seat, 25 a flexible end and a flexible back connected to said seat, a spreader secured to the free edge of said end, a spreader secured to the free edge of said back, means for detachably connecting said spreaders, one of said 30 spreaders being movable upwardly with respect to the other spreader when the hammock is in operative position, to detach said spreaders, and clue cords connected to the 35 other spreader to support said hammock.

In witness whereof I have hereunto set my hand this 4th day of September 1908.

HERMAN L. HOHLFELD.

Witnesses:

A. I. GARDNER,
ALEXANDER PARK.

Correction in Letters Patent No. 947,546.

It is hereby certified that in Letters Patent No. 947,546, granted January 25, 1910, upon the application of Herman L. Hohlfeld, of Philadelphia, Pennsylvania, for an improvement in "Settee-Hammocks," an error appears in the printed specification requiring correction, as follows: Page 3, line 9, the word "fabric" should read *flexible*; and that the said Letters Patent should be read with this correction therein, that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 15th day of February, A. D., 1910.

[SEAL.]

C. C. BILLINGS,

Acting Commissioner of Patents.

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