

No. 745,895.

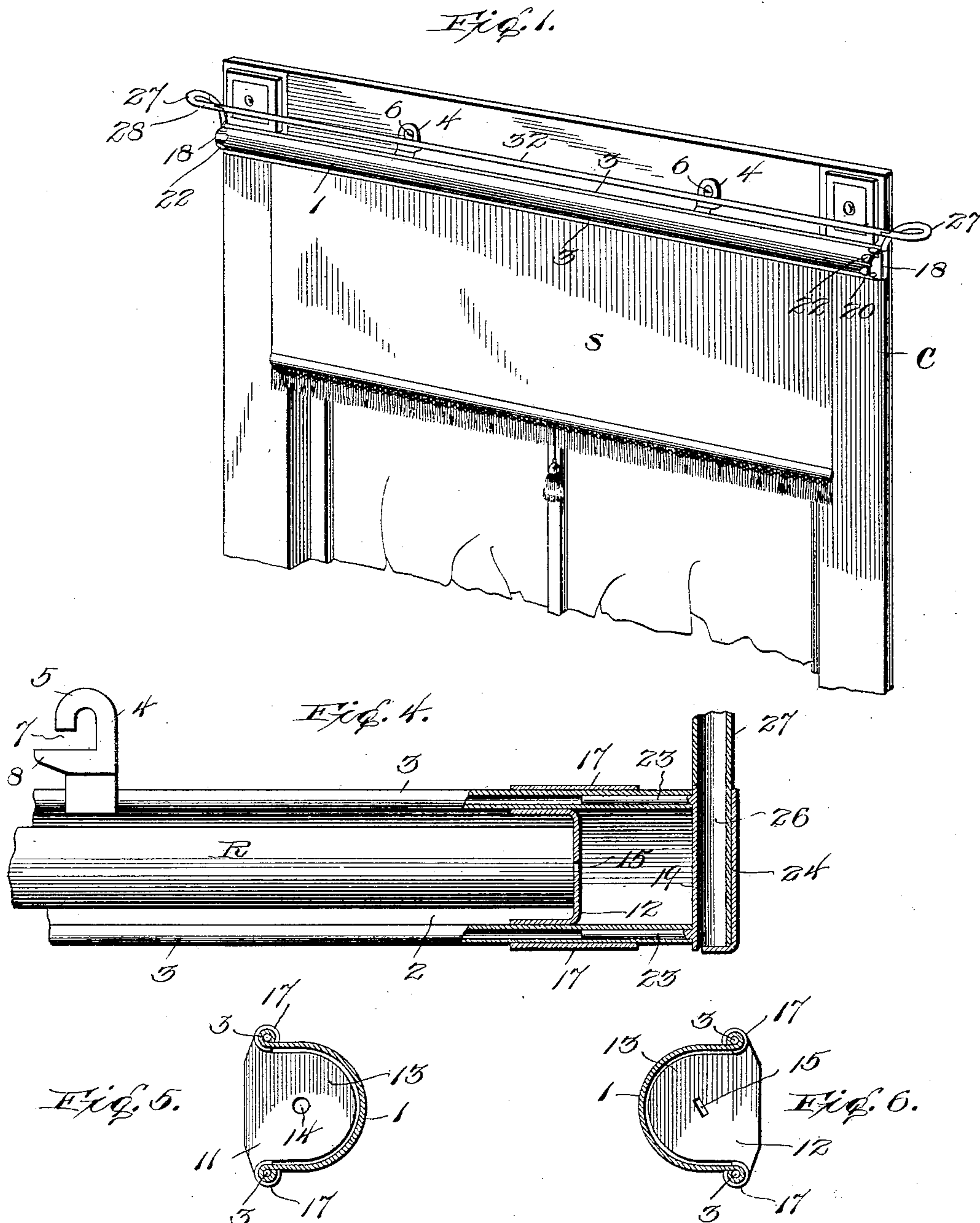
PATENTED DEC. 1, 1903.

W. N. PACKER.  
COMBINED CURTAIN AND SHADE FIXTURE.

APPLICATION FILED APR. 2, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



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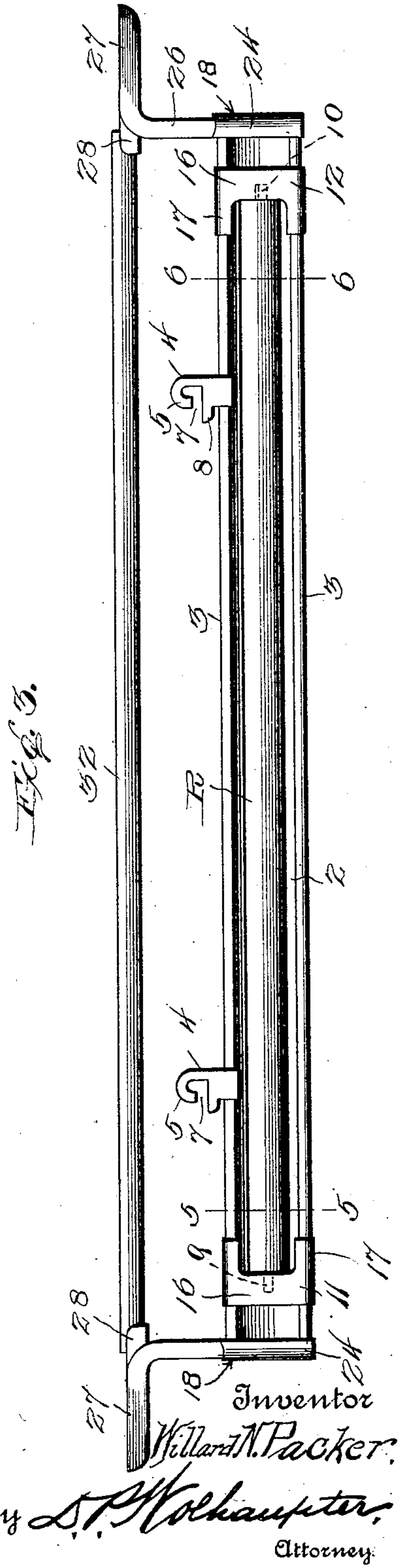
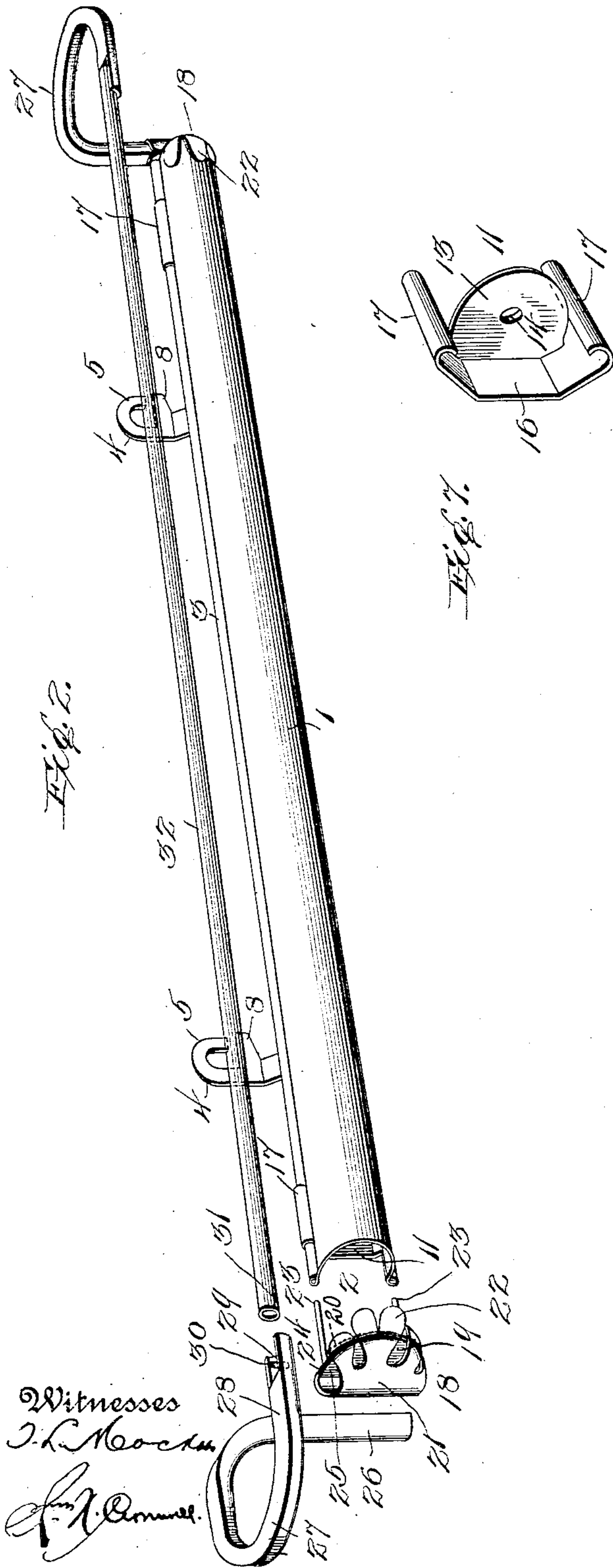
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# UNITED STATES PATENT OFFICE.

WILLARD N. PACKER, OF SHELBY, OHIO, ASSIGNOR TO THE SHELBY SPECIALTY COMPANY, OF SHELBY, OHIO, A CORPORATION OF ARIZONA TERRITORY.

## COMBINED CURTAIN AND SHADE FIXTURE.

SPECIFICATION forming part of Letters Patent No. 745,895, dated December 1, 1903.

Application filed April 2, 1903. Serial No. 150,781. (No model.)

*To all whom it may concern:*

Be it known that I, WILLARD N. PACKER, a citizen of the United States, residing at Shelby, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in a Combined Curtain and Shade Fixture, of which the following is a specification.

This invention relates to curtain and shade fixtures for windows, and has special reference to a combined fixture of this character performing the dual function of a combined curtain and shade hanger.

To this end the invention contemplates a simple, practical, and ornamental form of combined curtain and shade fixture, the various parts of which are readily separable for purposes of assembling or taking apart and which may also be utilized for the hanging or support of a shade-roller and curtains independently or conjointly.

The invention also has in view a simple form of construction embodying adjustable hanging or supporting means for a shade-roller whereby the fixture may be adjusted to accommodate itself to any length or style of shade-roller.

A further object of the invention is to combine with the shade-hanging parts simple and practical means for detachably supporting in proper position a curtain rod or pole for the hanging of lace curtains or other draperies in front of the window. In this connection the invention contemplates means whereby the curtain-hanging parts may be entirely removed, if desired, without disturbing the shade-hanging elements, while at the same time providing a construction wherein the operative parts of both the shade and curtain hanging means are directly connected to form elements of the same structure.

Another object is to provide a combined curtain and shade fixture which may be conveniently supported as an entirety upon the window casing or frame by simply the employment of a single pair of screws or pins, with which the fixture is detachably associated, so that it may be also removed or replaced as an entirety without unscrewing or removing any part.

A still further object of the invention is to provide a construction wherein the roller and shade are thoroughly shielded and protected from the settling of dust thereon, as is common to the ordinary types of shade-fixtures.

With these and many other objects in view, which will more readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination, and arrangement of parts, which will hereinafter be more fully described, illustrated, and claimed.

The essential features of the invention providing for the carrying out of the objects above indicated are necessarily susceptible to structural modification without departing from the scope thereof; but a preferred embodiment of the improvements is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a combined curtain and shade fixture shown in its operative applied position upon a window casing or frame. Fig. 2 is a similar view of the fixture removed from the window-casing and showing one of the detachable curtain-brackets removed from its keeper and disconnected from the end of the curtain rod or pole to expose more clearly the operative relation of these elements. Fig. 3 is a rear elevation of the fixture, showing the shade-roller in position. Fig. 4 is an enlarged elevation, partly in section, of one of the end portions of the fixture with the shade-roller in position. Figs. 5 and 6 are detail cross-sectional views on the lines 5 5 and 6 6, respectively, of Fig. 3. Fig. 7 is a detail in perspective of one of the adjustable roller-brackets.

Like reference characters designate corresponding parts throughout the several figures of the drawings.

In carrying out the present invention any suitable material may be utilized in the construction of the fixture; but it is preferable to employ for this purpose sheet-metal stampings on account of the cheapness, lightness, and durability thereof, while at the same time permitting of a more convenient fitting of the parts for purposes of adjustment and detachability.

The combination fixture as illustrated in



the drawings includes in its general organization a main supporting element which provides for the support of the various parts of the fixture, while at the same time acting in the capacity of a dust shield or guard for the shade. This main supporting element usually and preferably consists of a tubular shield designated in the drawings by the numeral 1 and essentially in the form of a semicylindrical case, having an open back portion 2 and provided at its upper and lower longitudinal edges with the rolled portions 3, constituting guiding and holding beads cooperating with certain parts of the fixture in the manner to be presently explained.

The open back portion 2 of the hollow or tubular supporting-shield 1 is designed to lie next to the window-casing C, so that when the fixture is in position upon the casing the shade-roller is entirely concealed from view by being completely housed within the supporting shield or casing 1 provided therefor.

One of the features of the present invention is to provide simple and practical means for hanging the shield 1, with its attached parts, in such a manner upon the window-casing that the same can be readily removed and replaced. This is preferably accomplished through the medium of a pair of spaced hanger-tabs 4, projected from the upper edge of the shield 1 and provided with the catch-hooks 5, adapted to detachably engage over the suspension-screws or equivalent elements 6, fitted in the top of the window-casing.

The catch-hooks of the hanger-tabs 4 have their entrance-openings 7 provided in the same side, and from the lower edges of the entrance-openings 7 of the hooks the tabs 4 have projected laterally therefrom beyond the plane of the hooks the short guiding-lips 8. The guiding-lips 8 of the opposite tabs 4 project from the same side of the latter in the same direction, so that in fitting the fixture to the window-casing it is simply necessary to aline the guiding-lips 8 against the suspension-screws 6 and then move the fixture sideways to bring the hooks 5 over and into engagement with the screws or elements 6. A release of the hooks 5 from the screws or elements 6 is accomplished by a reverse movement of the fixture, thereby providing a construction by means of which the fixture as an entirety can be readily mounted upon the casing and quite as readily removed therefrom.

The shade-roller R, carrying the shade S, may be of any style or length, but is preferably of the usual spring-actuated type and is provided at the opposite extremities thereof with the round and squared journals 9 and 10, respectively, which are adapted to be detachably mounted in the oppositely-located roller-brackets 11 and 12, which are adjustably carried by the supporting-shield 1 and so arranged as to provide for operatively supporting the shade-roller R entirely within the shield, as may be plainly seen from Figs. 3 and 5 of the drawings. The adjustable roller-

brackets 11 and 12 are longitudinally shiftable with reference to the shield or shield-body supporting the same and are duplicates in construction with the exception of the journal-openings therein to fit the different shade-journals 9 and 10 of the shade-roller, the adjustable roller-bracket 11 being provided in the ear member 13 thereof with a circular bearing or journal-opening 14 for the round journal 9 of the shade-roller, and the ear member 13 of the opposite roller-bracket 12 being provided therein with a squared or oblong holding-opening 15 for the squared or flattened journal 10 of the said roller.

Each of the adjustable roller-brackets essentially consists of a sheet-metal blank shaped to provide an inwardly-projecting circular ear member 13, conforming to the curvature of the supporting-shield 1 and lying entirely therein to provide for holding the shade-roller inside of the shield, and in addition to the circular ear member 13 the sheet-metal blank of each roller-bracket is formed at one side of the vertical plane of its ear member 13 with a transversely-arranged brace-bar 16, which extends transversely across the open back of the shield and serves to stiffen the bracket besides providing a carrying member for the oppositely-located terminal holding-sleeves 17. These terminal holding-sleeves 17 are formed by the rolling of the blank at the terminals of the bar member 16 of the bracket, and the same slidably and frictionally embrace the longitudinal guiding-beads 3, provided at the upper and lower edges of the shield 1. By reason of the frictional engagement of the holding-sleeves 17 of the roller-brackets with the beads 3 of the shield the said roller-brackets will retain their adjusted positions when once adapted to a shade-roller of any particular length; but the frictional engagement is of such a nature as to permit of the roller-brackets being readily slid along the shield-body to such positions as may be required to fit a shade-roller in place or to take the same out.

The adjustable roller-brackets 11 and 12 may be freely manipulated for adjustment at the open back of the shield or case 1 when separated from the window-casing and may be entirely removed and replaced from the shield by removing the detachable end caps 18, which constitute ornamental closures for the open ends of the shield or case body 1. The detachable end caps 18 are also preferably formed of sheet-metal blanks suitably stamped and shaped and essentially consisting of a folded body providing an inner closing-plate 19, fitting directly against and over one end of the shield or case 1 and provided at its peripheral edge with an intumed engaging flange 20, taking over the end edge of the supporting-shield 1 and serving to hold the cap interlocked with the end of the shield.

By reason of the folded formation of the blank providing each of the detachable end caps 18 the latter includes in addition to the



inner closing-head an outer side guard member 21, which is preferably shaped to an ornamental form to provide an ornamental head or cap for the fixture and may be provided  
 5 with one or a plurality of inwardly-projecting guard-tongues 22, extending over and beyond the flanged edge 20 of the inner closing-plate 19 and taking over the outside end portion of the shield or case 1, thus assisting ma-  
 10 terially in guiding and holding the end cap in position.

The main holding means for each of the detachable end caps consists in providing the same at the inner sides with horizontal later-  
 15 ally-projecting retainers in the form of pins or studs 23, adapted to be detachably inserted in the sockets formed by the open ends of the longitudinal guiding-beads 3 of the shield body or case 1. The said retaining-pins 23  
 20 preferably have a frictional or slight binding engagement in the sockets thus provided therefor in order to firmly hold the caps in place upon the ends of the shield.

The detachable end caps 18 in addition to  
 25 the functions ascribed thereto constitute elements of the curtain supporting or hanging means, and to this end the blank of each end cap 18 is so folded as to provide between the inner and outer members 19 and 21 thereof a  
 30 vertically-disposed open keeper-socket 24, having a flattened inner side 25 and adapted to detachably receive therein the vertical leg member 26 of a detachable curtain-bracket 27. The vertical leg member 26 of each curtain-  
 35 bracket 27 is preferably of a segmental form in cross-section to provide a flattened side adjoining the corresponding side 25 of the socket 24 in order to prevent relative turning of the parts when fitted together, and in addi-  
 40 tion to the vertical leg member 26 each of said brackets 27 is formed at the upper end of said leg member with an inwardly-curved horizontal supporting arm or horn 28, provided in the terminal thereof with a rest-seat 29,  
 45 open at the top and having projected from the base thereof an upstanding securing-stud 30, adapted to be detachably engaged by the retaining-opening 31, provided in the end of the curtain-rod 32, resting in the said seat 29.  
 50 The opposite brackets 27 are duplicates in construction, and the ends of the curtain rod or pole 32 have similar engagement therewith. By reason of the open-top formation of the seats 29 it will be obvious that the curtain rod or pole may be readily lifted out of  
 55 said seats and replaced therein without disturbing the brackets 27, while at the same time the latter are perfectly free to be independently removed and replaced.

60 From the foregoing it is thought that the construction, use, and many advantages of the herein-described combination fixture will be readily apparent without further description, and it will also be understood that  
 65 changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit of the in-

vention or sacrificing any of the advantages thereof.

Having thus described the invention, what  
 is claimed, and desired to be secured by Letters  
 Patent, is—

1. In a fixture of the class described, the combination with fixed projections arranged in spaced relation, of the main supporting  
 75 elements of the fixture provided at its top with spaced hanger-tabs of duplicate form, and each provided with open-sided catch-hooks, and horizontally-extended guiding-lips projecting from and beyond the lower edge  
 80 of the hook-openings, substantially as and for the purpose specified.

2. In a fixture of the class described, a hollow supporting-shield, adjustable roller-  
 brackets carried by said shield and having  
 85 ear members projecting therein to receive the journals of a shade-roller, end caps carried at the ends of the shield, and a curtain-hanger having elements detachably supported by  
 90 said end caps.

3. In a fixture of the class described, a hollow shield adapted to house therein the shade-  
 roller, adjustable roller-brackets receiving the journals of the shade-roller and having  
 95 sleeve members slidably and frictionally engaging with the shield-body, end caps carried by the ends of the shield, and a curtain-hanger having elements detachably supported by said end caps.

4. In a fixture of the class described, a semi-  
 cylindrical shield open at the back and provided at its upper and lower edges with longi-  
 tudinal guiding-beads, and oppositely-ar-  
 105 ranged adjustable roller-brackets receiving the ends of a shade-roller and supporting the latter within the shield, each of said roller-  
 brackets having an inwardly-projecting ear member and oppositely-arranged sleeves slid-  
 110 ably and frictionally engaging the beads of the shield.

5. In a fixture of the class described, a semi-cylindrical open back shield adapted to house  
 therein a shade-roller and provided at its longi-  
 tudinal edges with guiding-beads, and the  
 115 oppositely-located adjustable roller-brackets for the roller-journals, each of said brackets consisting of a blank formed with an in-  
 wardly-projecting circular ear member, a transverse brace-bar member, and terminal  
 120 holding-sleeves slidably and frictionally embracing said beads.

6. In a fixture of the class described, a hollow shield adapted to house therein the shade-  
 roller, roller-supporting brackets carried by  
 125 the shield, end caps fitted to the ends of the shield, and the curtain-hanger comprising brackets having elements detachably engaging with the end caps, and a curtain-rod detachably interlocked with and supported by  
 130 said brackets.

7. In a fixture of the class described, the combination of the shield for the shade-roller, said shield having beads providing open sockets at the ends, roller-supporting brackets



carried by the shield, and detachable end caps having retaining-pins engaging in the open sockets at the ends of the shield, and a curtain-hanger having bracket members detach-

5 ably engaged with the said end caps.

8. In a fixture of the class described, the shield for the shade-roller, roller-supporting brackets carried by the shield, end caps having a detachable engagement with the ends  
10 of the shield and provided therein with vertically-disposed keeper-sockets, and a curtain-hanger comprising brackets having leg members detachably engaged in the sockets of the end caps and a rod member having an inter-  
15 locking engagement at its ends with the bracket members.

9. In a fixture of the class described, the shield for the shade-roller, roller-supporting brackets carried by the shield, end caps for

the shield comprising folded blanks having 20 flanged portions engaging the end edges of the shield, and providing therein vertically-disposed keeper-sockets with flattened sides, curtain-brackets having vertically-disposed flattened leg members engaging the sockets of 25 the said end caps, and further provided at the upper ends of the leg members with inwardly-curved horizontal supporting-arms provided at their terminals with open rest-seats having upstanding securing-studs, and the curtain- 30 rod having its ends fitted in said seats and detachably engaged with said studs.

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

WILLARD N. PACKER.

Witnesses:

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S. C. FISH.