

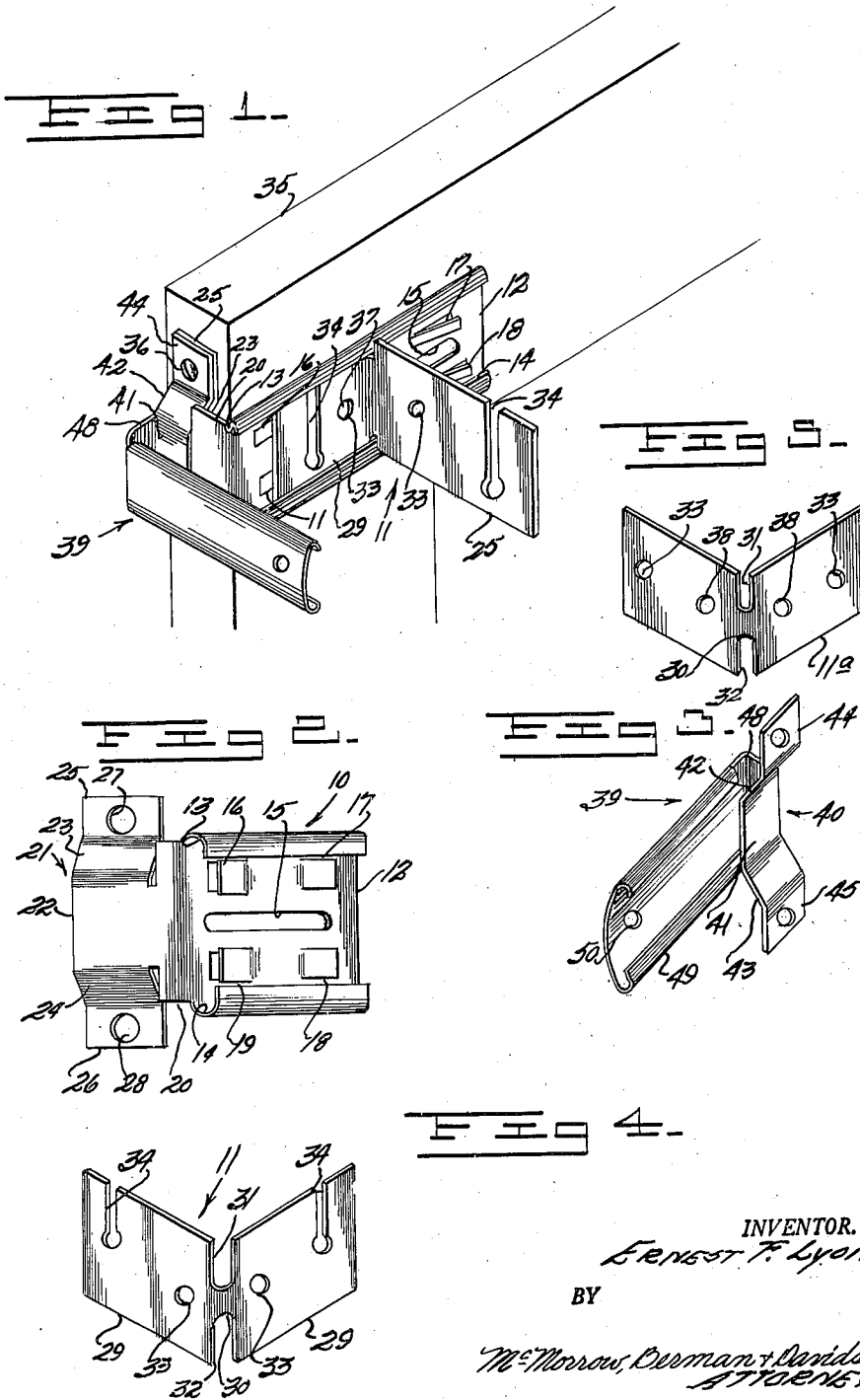
June 7, 1949.

E. F. LYON

2,472,220

COMBINATION SHADE AND CURTAIN ROD HOLDER

Filed April 4, 1947



INVENTOR.
ERNEST F. LYON
BY

McMorrow, Deeman & Davidson
ATTORNEYS

UNITED STATES PATENT OFFICE

2,472,220

COMBINATION SHADE AND CURTAIN ROD HOLDER

Ernest F. Lyon, Hinton, Okla.

Application April 4, 1947, Serial No. 739,285

4 Claims. (Cl. 248—252)

1

My invention relates to roller shades and curtain rods and more particularly to brackets for roller shades and curtain rods.

The object of my invention is to provide brackets for roller shades and brackets for curtain rods, which are adapted to be used in combination with each other or individually.

Another object of my invention is to provide brackets for roller shades and brackets for curtain rods of the character indicated above adapted to be secured to the edge of the window casing.

A further object of my invention is to provide brackets for roller shades and brackets for curtain rods of the character indicated above, which can be secured to the window casing simultaneously by the same screws or the like.

A still further object of my invention is to provide roller shade brackets adapted to be adjusted to support roller shades which are wider or narrower than the window opening.

Another object of my invention is to provide a roller shade bracket of the character indicated above which is adapted to be adjusted, so that the two bracket arms supporting the shade extend parallel to each other in cases, where the window casing slopes toward its edge or where the molding is thicker than the casing proper.

Other objects of my invention may appear in the following specification describing my invention with reference to the accompanying drawing illustrating a preferred embodiment of my invention.

It is however to be understood that my invention is not to be limited or restricted to the exact construction and combination of parts described in the specification and shown in the drawing, but that such changes and modifications can be made, which fall within the scope of the claims appended hereto.

In the drawings

Figure 1 is a perspective view of a roller shade bracket and a curtain rod bracket shown in position to be secured to a window casing.

Figure 2 is a perspective view of a base for a roller shade bracket.

Figure 3 is a perspective view of a curtain rod bracket according to my invention.

Figure 4 is a perspective view of a bracket adapted to be connected with the base shown in Figure 2 and to support the ratchet wheel end of a roller shade, and

Figure 5 is a perspective view of a bracket adapted to be supported by the base shown in Figure 2 and to support the free rolling end of a roller shade.

2

Referring now in detail to the drawing the roller shade bracket and the curtain rod bracket forming the subject matter can be made from any suitable material, such as a strong plastic but are preferably made from metal adapted to be punched and bent into the desired shape without requiring any heating.

The roller shade bracket consists of a base 10 and an angular bracket member 11 or 11a respectively. The base 10 has an elongated rectangular portion 12, the top and bottom edge portions are bent over to form guide ways 13 and 14 respectively and impart a substantially C-shaped cross section to said rectangular base portion 10. Centrally of said rectangular base portion a longitudinal slot 15 is provided in said rectangular portion, and adjacent to each corner of this portion 12 a rectangular tongue 16, 17, 18 and 19 respectively is formed so that each tongue remains attached at its inner end to the base portion, and can be bent rearwardly therefrom for a purpose to be described later.

A neck 20 is formed on one end of the rectangular base portion 12. This neck 20 is as wide as the flat portion of the rectangular base portion 12 and is bent at a right angle thereto extending in the opposite direction to the bent over edge portions of the rectangular base portion 12.

On the rear edge of the neck 20 a foot 21 is formed integrally therewith. The central portion 22 of this foot 21 is practically an extension of the neck 20 but extends upwardly and downwardly somewhat beyond said neck. The portions 23 and 24 of the foot 21 located adjacent the central foot portion 22 extend slantingly upwardly and inwardly, and downwardly and inwardly respectively from said central foot portion. An upwardly extending end portion 25 is formed on the upper end of the slanting foot portion 23 and a downwardly extending end portion 26 is formed on the lower end of the slanting foot portion 24. Each of the two end portions 25 and 26 is provided with a centrally located hole 27 and 28 respectively.

The angular bracket member 11 has two legs 29 of equal length and width. These two legs 29 are connected with each other by a curved narrow middle portion 30 so that an upper slot 31 and a lower slot 32 is formed between the two angle legs 29. The width of the legs is such that the angular bracket member can be slidably placed in the guide ways 13 and 14 of the base 10.

Either one of the legs 29 fits in this manner onto the base 10, and the curved upper end lower edge portions of the rectangular base portion 12

fit slidably into the upper and lower slot 31 and 32 respectively in the angular bracket member 11.

On the longitudinal center line of each leg 29 of the bracket member 11 a hole 33 is provided adjacent the inside ends of the legs 29.

A slot 34 located adjacent the outer end of each angle leg 29 extends from the upper edge of the corresponding leg downwardly in said leg.

A base 10 is fastened to the edge of a window casing 35 by means of two screws 36 extending through the two holes 27 and 28 in the foot 21 of the base 10, so that the rectangular base portion 12 extends over the inner surface of the window casing 35. The angular bracket member 11 is inserted into the guide ways 13 and 14 and placed into a predetermined position. A screw 37 is inserted through the hole 33 in the bracket member 11 and the slot 15 in the base 10 and is screwed into the window frame 35 securing the bracket member 11 in the selected position.

A second base 10 formed exactly like the first base 10 is secured in the manner described above to the opposite edge of the window frame 35 and an angular bracket member 11a is secured in the manner described above relative to the bracket portion 11 to the rectangular base portion 12 of the second base 10. The bracket member 11a is formed and constructed in the same way as the bracket member 11, with the only exception, that the vertically extending slots 34 are omitted and replaced by holes 38 located on the longitudinal center line of each leg of the bracket member 11a and adjacent the inner end thereof.

When the two roller shade brackets are secured in place as described above, a roller shade (not shown) can be supported by said brackets by inserting to free rolling axis end of the shade into hole 38 and placing the flat ratchet axis end into the slot 34.

To permit the roller shade to work freely the inwardly extending legs of the two bracket members 11 and 11a must be arranged parallel to each other. When the window frame surface should slope toward its inner edges the tongues 17 and 18 of the bases 10 are bent outwardly to rest against the lower window frame portions to arrange the free bracket member legs to extend parallel to each other.

In case the window casing 35 should have on its inner edges a heavy moulding, the tongues 16 and 19 are bent outwardly to overcome and equalize this difference.

When it is desired to combine the above described roller shade bracket with a curtain rod bracket, a bracket 39 is provided having a foot 40 consisting of a central flat portion 41, an upper upwardly and inwardly slanting portion 42, lower downwardly and inwardly extending portion 43, an upper flat portion 44 and a lower flat portion 45. In each of the two flat portions 44 and 45 a hole 46 and 47 respectively is arranged.

A neck 48 is integrally formed with the foot 40 and extends at right angles to and outwardly from the central flat portion 41 of the foot 40.

An arm 49 having a substantially C shaped cross section is formed on the outer edge of the neck 48 and extends at a right angle therefrom, parallel to and in the same direction as the flat central portion 41 of the foot 40.

The foot 40 is shaped so and the dimensions thereof are such that the curtain rod bracket 39 can be secured to the window frame 35 by placing the foot 40 over the foot 21 of the roller shade

bracket base 10 and fasten both members 10 and 39 by means of the two screws 36 to the edge of the window frame 35.

On the longitudinal center line of the C-shaped arm 49 a hole 50 is provided adjacent the free end of said arm.

The above description shows clearly that the roller shade bracket and the curtain rod bracket according to my invention can be used in combination with each other as well as individually and that the roller shade curtain can be adjusted to support roller shades of greatly different sizes.

Having described my invention, I claim as new and desire to secure by Letters Patent:

1. A roller shade bracket and a curtain rod bracket adapted to be used in combination with each other and to be secured in working position on the edge of a window frame by means of common fastening means, the roller shade bracket and the curtain rod bracket having each a foot consisting of a flat central portion, an upper upwardly and inwardly slanting portion, a lower downwardly and inwardly slanting portion and an upper and a lower flat portion, the three flat portions of each bracket extending parallel to the window frame edge, when the brackets are secured on said window frame edge.

2. A roller shade bracket and a curtain rod bracket adapted to be used in combination with each other and to be secured in working position on the edge of a window frame by means of common fastening means, the roller shade bracket and the curtain rod bracket having each a foot consisting of a flat central portion, an upper upwardly and inwardly slanting portion, a lower downwardly and inwardly slanting portion and an upper and a lower flat portion, the three flat portions of each bracket extending parallel to the window frame edge, when the brackets are secured on said window frame edge, the foot of the curtain rod bracket being adapted to fit over the foot of the roller shade bracket, and the upper and the lower flat foot portions of both brackets being provided with a hole permitting a wood screw or the like to extend therethrough.

3. A roller shade bracket and a curtain rod bracket adapted to be used in combination with each other and to be secured in working position on the edge of a window frame by means of common fastening means, the roller shade bracket and the curtain rod bracket having each a foot consisting of a flat central portion, an upper upwardly and inwardly slanting portion, a lower downwardly and inwardly slanting portion and an upper and a lower flat portion, the three flat portions of each bracket extending parallel to the window frame edge, when the brackets are secured on said window frame edge, the foot of the curtain rod bracket being adapted to fit over the foot of the roller shade bracket, and the upper and the lower flat foot portions of both brackets being provided with a hole permitting a wood screw or the like to extend therethrough, the foot of the curtain rod bracket having a neck formed thereon extending outwardly at a right angle to the central flat portion, and a substantially C-shaped arm extending at right angles to the neck and in the same direction therefrom as the central flat foot portion.

4. A combined shade and curtain rod holder, comprising an L-shaped base bracket for arrangement near the upper corner of a window frame, the base bracket including a foot secured to the outer vertical edge of the window frame and a

5

generally flat horizontal portion arranged adjacent to the forward face of the window frame and extending inwardly of the foot, a generally U-shaped curtain rod bracket including a foot engaging upon the first named foot in superposed relation and secured to the vertical edge of the window frame, a neck secured to the foot of the curtain rod bracket and extending laterally outwardly of the vertical edge of the window frame and substantially parallel to the flat horizontal portion, and a substantially horizontal arm carried by the outer end of the neck and arranged substantially at right angles to the flat horizontal portion and extending forwardly thereof and constructed and arranged to support the end of a curtain rod, and an L-shaped shade bracket including a leg slidably mounted upon the flat horizontal portion and shiftable longitudinally thereof, and a forwardly projecting leg carried

6

by the first named leg and arranged substantially parallel to the arm and constructed and arranged to support an end of a roller shade.

ERNEST F. LYON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

	Number	Name	Date
10	925,829	Ramminger	June 22, 1909
	951,700	Robert	Mar. 8, 1910
	1,216,277	Branner	Feb. 20, 1917
15	1,297,139	Garnett	Mar. 11, 1919
	1,833,777	Fagan	Nov. 24, 1931
	2,298,217	Lemle	Oct. 6, 1942