

F. A. GOPPELT, JR.
 WINDOW SHADE BRACKET.
 APPLICATION FILED NOV. 1, 1909.

971,988.

Patented Oct. 4, 1910.

Fig 1

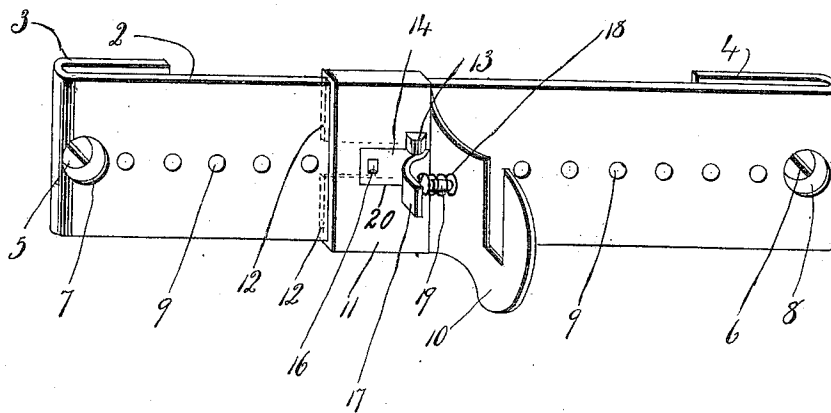


Fig 2

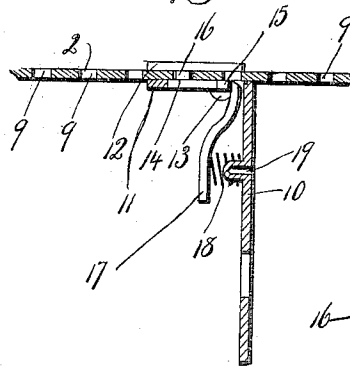
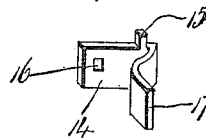


Fig 3



Witnesses
 C. J. Reed.
 C. L. Weed.

Inventor
 Frederick A. Goppelt Jr.
 by Seymour T. Case
 atty

UNITED STATES PATENT OFFICE.

FREDERICK A. GOPPELT, JR., OF WATERBURY, CONNECTICUT.

WINDOW-SHADE BRACKET.

971,988.

Specification of Letters Patent.

Patented Oct. 4, 1910.

Application filed November 1, 1909. Serial No. 525,791.

To all whom it may concern:

Be it known that I, FREDERICK A. GOPPELT, JR., a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Window-Shade Brackets; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1 a perspective view of a window shade bracket constructed in accordance with my invention. Fig. 2 a broken longitudinal sectional view through the center of the bar and bracket arm. Fig. 3 a perspective view of the latch detached.

This invention relates to an improvement in window shade brackets, and particularly to that class in which the bracket arm is adjustable longitudinally on a backing or plate so that the arms may be readily adjusted for shade rollers of different lengths; and the invention consists in the construction and combinations of parts as will be hereinafter described and particularly recited in the claims.

In carrying out my invention, I employ a back or bar 2 formed from a strip of metal and having its ends 3, 4, turned inward parallel with the main portion of the bar. These inturned ends are perforated for attaching screws 5 and 6, and the bar is formed with clearance openings 7 and 8 in line with said screw holes so that the screws may be turned through the bar. Between the clearance holes 7 and 8 are a series of small perforations 9 for the purpose as will hereinafter appear. The bracket arm 10 which is adapted to support the shade in the usual manner, extends outward at right angles from a plate 11 having its ends 12 turned over the edge of the backing 2 so as to slide thereon. In this plate 11 is a slot 20, and on opposite sides of the slot are trunnion bearings 13 which are struck out from the plate, and struck out from the arm 10 is a stud 19. Entered through the slot 20 is a

latch 14 having trunnions 15 to enter the bearings 13, and a downwardly extending lug 16 adapted to enter the perforations 9. The latch is also formed with a finger-piece 17, and between this finger-piece 17 and the arm 10 is a spiral spring 18 which sets over the stud or projection 19 so as to be held in position and normally tends to hold the stud 16 in one of the perforations 9. By pressing the finger-piece toward the bracket arm 10 the latch is released from engagement with the bar 2, and the bracket arm may be moved back or forth on the bar to the desired position of adjustment when the latch may engage with one of the perforations 9 so as to lock the bracket arm in that position. This construction permits the bracket arm to be moved from one end of the bar to the other as the arm may be passed between the bar and the turned in ends.

I claim:—

1. A window shade bracket comprising a bar having inwardly turned ends, clearance holes at opposite ends of the bar, perforations between said clearance holes, a bracket arm having a plate with ends turned over the edges of said bar whereby it may slide back and forth thereon, and a latch mounted in said plate and adapted to engage with said perforations.

2. A window shade bracket comprising a bar having a series of longitudinally arranged perforations, a bracket arm formed with a plate having ends turned over the edges of said bar, whereby it may be moved longitudinally thereon, said plate formed with an opening, a latch in said opening and formed with a stud to engage with said perforations, said latch formed with a finger-piece, and a spring between said finger-piece and bracket arm.

3. A window shade bracket comprising a bar having a longitudinal series of perforations, a bracket arm formed with a plate having ends turned over the edges of said bar, whereby it may be moved longitudinally thereon, said plate formed with an opening, trunnion bearings struck outward from opposite edges of said opening, a latch adapted to be entered through said opening and

formed with trunnions to enter said trunnion bearings, said latch also formed with an inwardly turned lug and an outwardly projecting finger-piece, said bracket arm
5 formed with a stud in line with said finger-piece, and a spring on said stud and bearing against said finger-piece.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

FREDERICK A. GOPPELT, JR.

Witnesses:

LOUIS C. ARCHAMBAULT,
JOSEPH COURTEMANCHE.