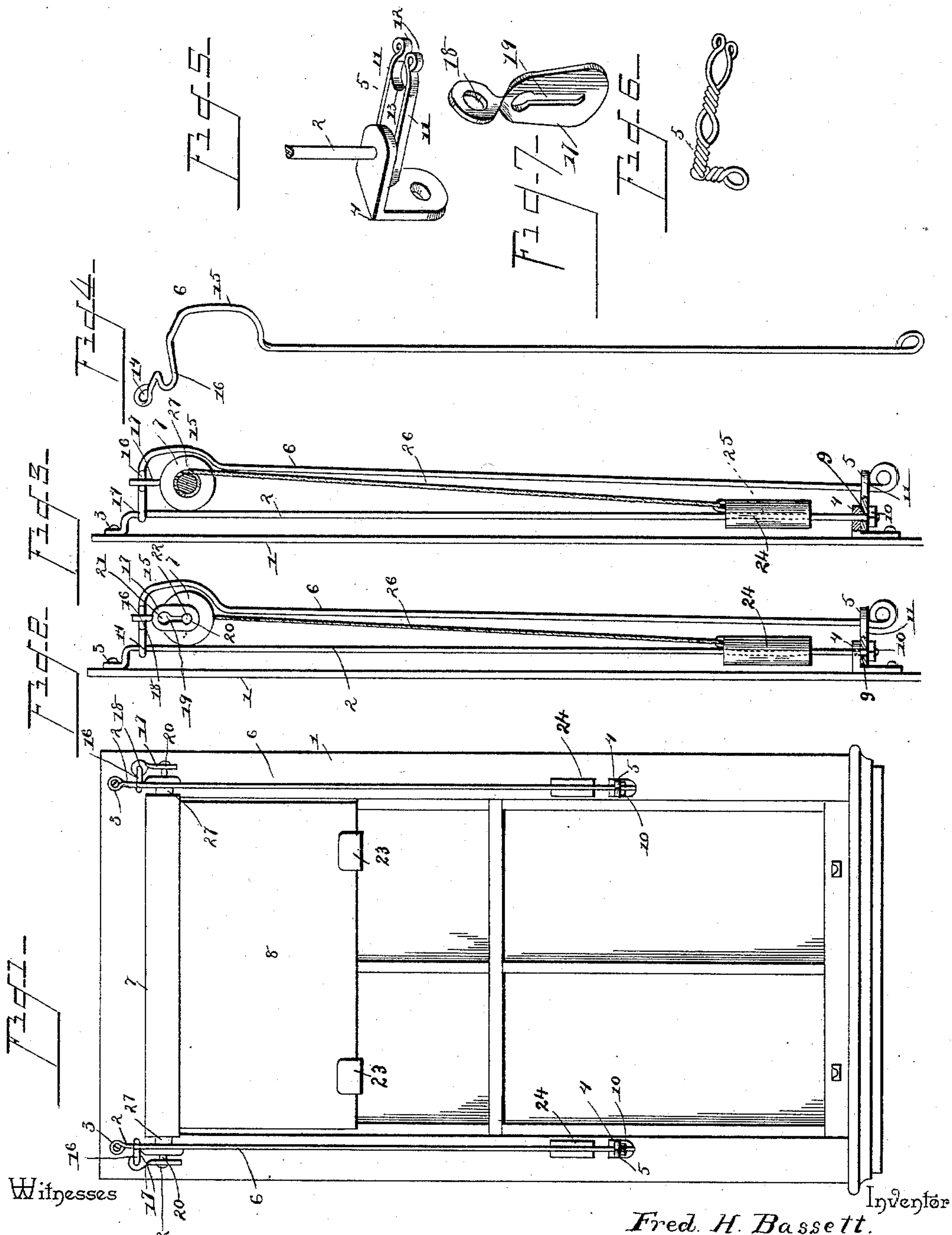


(No Model.)

F. H. BASSETT.
CURTAIN FIXTURE.

No. 448,625.

Patented Mar. 24, 1891.



Witnesses
Geo. E. French
H. J. Riley

By *his* Attorneys,

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

FRED. H. BASSETT, OF SARANAC LAKE, NEW YORK.

CURTAIN-FIXTURE.

SPECIFICATION forming part of Letters Patent No. 448,625, dated March 24, 1891.

Application filed July 31, 1890. Serial No. 360,497. (No model.)

To all whom it may concern:

Be it known that I, FRED. H. BASSETT, a citizen of the United States, residing at Saranac Lake, in the county of Franklin and State of New York, have invented a new and useful Curtain-Fixture, of which the following is a specification.

The invention relates to improvements in curtain-fixtures.

10 The object of the present invention is to improve the construction of the curtain-fixture set forth in Letters Patent No. 411,765, granted me September 24, 1889, and to provide a simple and inexpensive curtain-fixture
15 that can be readily stamped or quickly bent into proper shape, and thereby avoid the necessity of employing castings and tubular metal, which are expensive.

The invention consists of the construction
20 and novel combination and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a front elevation of a window provided with a curtain-fixture constructed in accordance with this invention. Fig. 2 is a side elevation. Fig. 3
25 is a transverse sectional view. Fig. 4 is a detail perspective view of one of the operating-
30 rods. Fig. 5 is a similar view of the spring-catch. Fig. 6 is a similar view of a modification. Fig. 7 is a detail view of one of the link-plates.

Referring to the accompanying drawings,
35 1 designates a window having secured to the sides of its frame guide-rods 2, provided at their upper ends with eyes 3, through which pass screws that secure the upper ends of the rods to the sides of the window-frames, and
40 the lower ends of the rods are secured to knees 4, and have secured to them spring-catches 5, which secure the free ends of the operating-rods 6, that carry the curtain-roller 7 and the curtain 8 and enable the same to be adjusted
45 vertically. The spring-catches 5 are constructed of metal and are provided at their inner ends with perforations 9 to receive the threaded ends of the guide-rods, and the catches are retained on the rods by nuts 10
50 and are provided at their sides with integral spring-arms 11, which extend beyond the body of the catch and have their ends 12 bent upon

themselves. The body of the catch is provided in its outer end with a recess 13 to receive the operating-rod, which is retained
55 therein by the arms 11. The operating-rod 6 has its upper end provided with an eye or loop 14, which encircles a guide-rod 2, and is adapted to move vertically thereon to raise and lower the curtain-roller 7, and is capable
60 of binding on the guide-rod when the operating-rod is in a vertical position to retain the latter at any desired point, and the said guide-rod is curved at 15 and extends around the outer face of the adjacent end of the roller
65 and is provided a short distance from the eye 14 with a bend 16, from which depends a link-plate, forming a bracket to support the curtain-roller. The link-plate 17 is constructed of sheet metal and is twisted intermediate of
70 its ends, so that the upper and lower portions are arranged in vertical planes at right angles to each other, and the upper portion is provided with an opening 18 to receive the
75 rod 6, and the lower portion is provided with a slot 19, adapted for the reception of a journal 20, extending longitudinally from the end of the curtain-roller 7, and the upper end of the slot 19 is enlarged and forms a mouth 21,
80 which permits the enlarged end or head 22 of the journal to be passed through it to bring the neck portion between the head and the end of the curtain-roller into engagement with the slot 19.

The lower end of the curtain 8 is provided
85 with weights 23, which are counterbalanced by weights 24, provided with central openings 25 and sliding vertically on the guide-rods 2 and secured to the lower ends of cords 26,
90 which have their upper ends attached to the curtain-roller and arranged in annular grooves 27 and adapted to be wound on the curtain-roller in a direction the reverse of that of the curtain, whereby when the curtain is
95 wound upon the roller the cord will be unwound and the weights lowered, and vice versa. By this construction the curtain is perfectly balanced and can be readily adjusted and raised and lowered by lifting either of the
100 sets of weights, which will cause the other set to actuate the curtain-roller. The weights may be of any desirable form and are preferably ornamental, and those at the lower end of the curtain may form handles for raising

and lowering the curtain. The spring-catches 5 hold the lower ends of the operating-rods in and cause the eyes or loop 14 to bind upon the guide-rod, thereby holding the curtain at 5 any point of adjustment.

In Fig. 6 of the drawings is illustrated a modification of spring-catch constructed of wire.

From the foregoing description the construction, operation, and advantages of the invention will readily be understood, and it will be seen that the castings of the above-mentioned patent are dispensed with and rods are employed in the construction of the guide 15 and operating rods, which parts are readily formed and are exceedingly inexpensive.

Having described my invention, what I claim is—

1. In a curtain-fixture, the combination of 20 the guide-rod provided at the upper end with an eye, the operating-rod provided at its upper end with an eye or loop to receive the guide-rod and enable the operating-rod to move vertically thereon, said operating-rod 25 being curved at 15 and provided with a bend 16, the curtain-roller suspended from the operating-rod and moving therewith, and suitable means for securing the ends of the operating and guide rods, substantially as described. 30

2. In a curtain-fixture, the combination of the guide-rod, the operating-rod provided at

its upper end with an eye or loop to receive the guide-rod and being curved at 15, the curtain-roller suspended from the operating-rod, 35 and the spring-catch provided at its inner end with a perforation adapted to receive the guide-rod and having the lower end of the latter secured to it and provided with spring-arms adapted to receive and retain 40 the free end of the operating-rod, substantially as described.

3. In a curtain-fixture, the combination of the guide-rod, the operating-rod provided at its upper end with an eye or loop to receive 45 the guide-rod and being curved at 15 and provided with the bend 16, the link-plate suspended from the bend 15 and having its upper portion arranged at right angles to its lower portion and provided with an opening, 50 the lower portion being provided with a slot 19, the curtain-roller provided with a journal arranged to engage the slot, and suitable means for securing the lower ends of the operating and guide rods, substantially as described. 55

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

FRED. H. BASSETT.

Witnesses:

F. M. BULL,

FRANK E. KENDALL.