(No Model.)

F. RÜHR.

INSIDE BLIND.

No. 255,538. Patented Mar. 28, 1882.

Fig. 1.

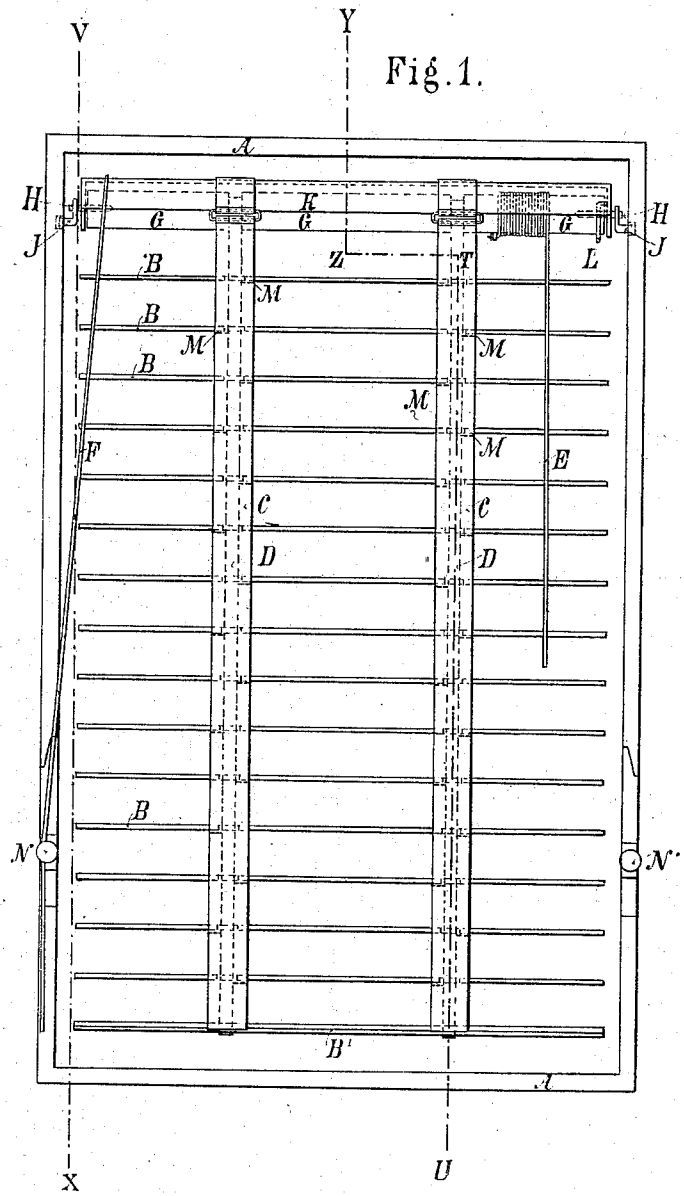


Fig. 2.

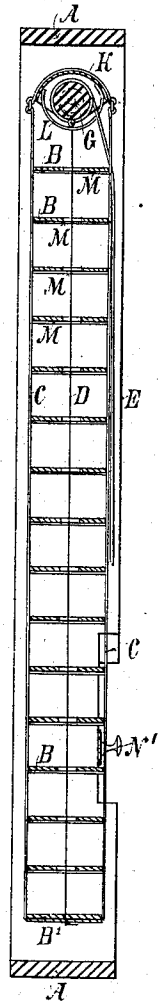
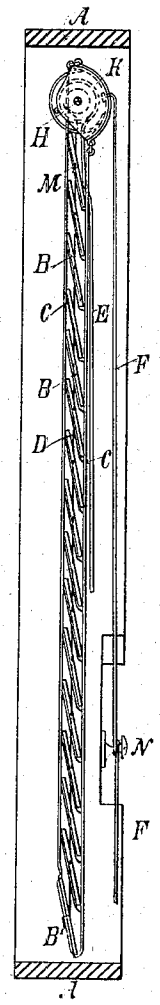


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

FRANZ RÜHR, OF TEPLITZ, AUSTRIA.

INSIDE BLIND.

SPECIFICATION forming part of Letters Patent No. 255,538, dated March 28, 1882.

Application filed September 3, 1881. (No model.) Patented in Belgium August 31, 1881, in Italy August 31, 1881, and in Germany October 13, 1881.

To all whom it may concern:

Be it known that I, FRANZ RÜHR, a subject of the Emperor of Austria, residing at Teplitz, in the Empire of Austria, have invented a new and useful Venetian Blind, of which the following is a specification.

My invention relates to improvements in the devices for adjusting the slats of Venetian blinds; and the object of my improvements is to combine in a simple manner my new blind-slat adjuster with the device for raising and lowering the blind-slats. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front view of the entire Venetian blind; Fig. 2, a vertical section of the Venetian blind on the line Y Z T U, Fig. 1; and Fig. 3, a vertical section of the Venetian blind at line V X, Fig. 1, when closed.

Similar letters refer to similar parts throughout the several views.

The arbor G is provided with two pivots, H H, turning in the bearings T T, secured to the frame A. The narrow bands D D, which pass through the slats B B and are attached to the last slat, B′, are wound around the arbor G. By pulling the cord E, wound around the arbor G, in the direction opposite to that of the narrow bands D D, the slats B B are raised in the usual manner. The arbor G is surrounded by the hollow cover K, oscillating round the pivots H H of G. To the longitudinal edges of this cover K are fastened the broad bands C C, provided with short strings M M, connecting the bands C C and supporting the slats B B. One edge of the cover K is at a greater distance from the fulcrum of the cover K than the other, and by this means the disturbed equilibrium of the cover K induces an inclined locking position of the slats B B.

By pulling more or less the cord F, Figs. 1 and 3, attached to the cover K, the slats B B may be adjusted into the horizontal or any inclined position, and held securely in it by fastening the cord F to the button N. The button N′ is designed for fastening to it the cord E. The cord E, kept back by the clasp L, cannot enter to the pivot H and trouble the rotation of the arbor G.

I am aware that prior to my invention blind-slat adjusters have been made with an oscillating top bar, to which the slats are secured. I therefore do not claim such a construction, broadly; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

1. In a Venetian blind, the oscillating cover K, the edges of which are of unequal distance from the fulcrum, in combination with the broad bands C C, attached to the edges of said cover K, and connected by strings M M, supporting the slats B, and the slats B B, in the manner and for the purpose described.

2. The combination, in a Venetian blind, of the arbor G, with bands D D, passing through the slats and attached to the last slat, B′, the oscillating cover K, with broad bands C C and strings M M, supporting the slats B, and the cords F and E, the whole being arranged to operate in the manner and for the purpose set forth.

FRANZ RÜHR.

Witnesses:
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