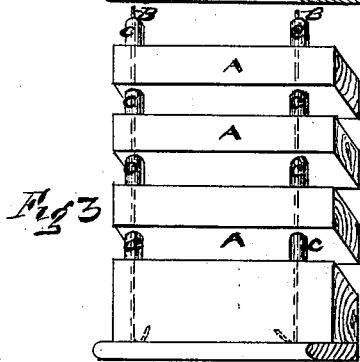
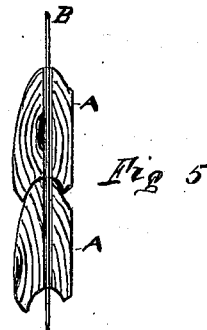
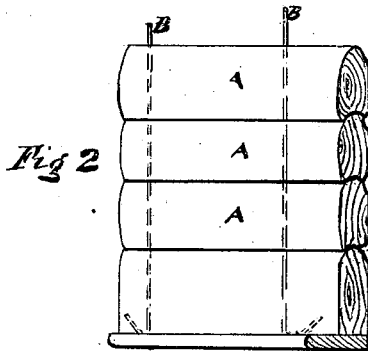
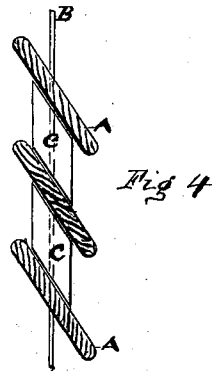
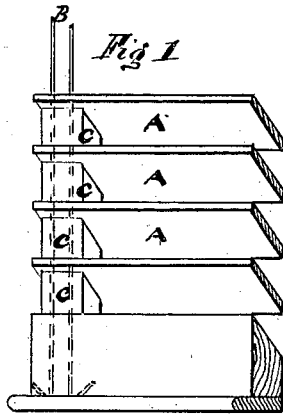


J. G. WILSON.  
Connecting Blind-Slats.

No. 199,948.

Patented Feb. 5, 1878.



Witnesses

*Jos W Forrestell*  
*Jos V A Conger*

Inventor

*Jas. G. Wilson*

# UNITED STATES PATENT OFFICE.

JAMES G. WILSON, OF NEW YORK, N. Y.

## IMPROVEMENT IN CONNECTING BLIND-SLATS.

Specification forming part of Letters Patent No. **199,948**, dated February 5, 1878; application filed November 17, 1877.

*To all whom it may concern:*

Be it known that I, JAMES G. WILSON, of the city, county, and State of New York, have invented certain Improvements in Connecting Wood Slats together in the Construction of Rolling Blinds, of which the following is a specification:

This invention consists in a system of connecting wood slats together by means of metal wires, for the purpose of constructing window blinds or shutters—such as open or Venetian blinds—through which it is purposed to admit both air and light; and in threading upon each wire, and between every two adjacent slats, a piece of rubber or other suitable material as a distance-piece, such distance-pieces being of any desired form, cut to exactly equal lengths, the ends being parallel to each other and to the upper and lower surfaces of the slats with which they come in contact and support. These pieces, being threaded upon the wires and between the slats, serve to keep the slats at equal distances apart and form regular spaces between them. These spaces are so formed as to admit air and light from without, and to admit of view from within only, the view from without being obstructed by reason of the upper and lower surfaces of each slat being placed at an angle with the vertical supporting-wires, and the upper edge of each slat being above the lower edge of the slat above it.

In the drawing, the letters A designate the slats of my blind. They may be diamond-shaped, rectangular, or any other suitable form, as shown in Figures 1, 2, and 3.

Fig. 2 represents a small portion of a close

blind in elevation, Fig. 5 being a section of the same enlarged. The slats A are bored to receive the metal wires B, and are threaded upon them, as shown, similar letters representing corresponding parts.

Figs. 1 and 3 represent portions of open or Venetian blinds in elevation, and of which Figs. 4 and 6 are sections enlarged. The slats A, which are provided with holes accurately corresponding, are threaded upon the metal wires B.

C represents the distance-pieces, of rubber or other suitable material, which are cut or molded so that both ends are parallel to each other and to the inclined faces of the slats. These rubber pieces are threaded upon the wires B, and placed between the slats at each junction with the wires, so that the slats are all kept at equal and regular distances apart, and the spaces so formed by reason of the inclined faces of the slats admit the air and light through them from without, and exclude the rays of the sun.

What I claim as new, and desire to secure by Letters Patent, is—

The combination of the threaded distance-pieces C with the wires B and slats A, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 15th day of November, 1877.

JAS. G. WILSON. [L. s.]

Witnesses:

GEO. V. A. CONGER,  
JOS. W. FORRESTILL.