

(No Model.)

D. JANNOPOULO.

AWNING.

No. 389,749.

Patented Sept. 18, 1888.

Fig. I.

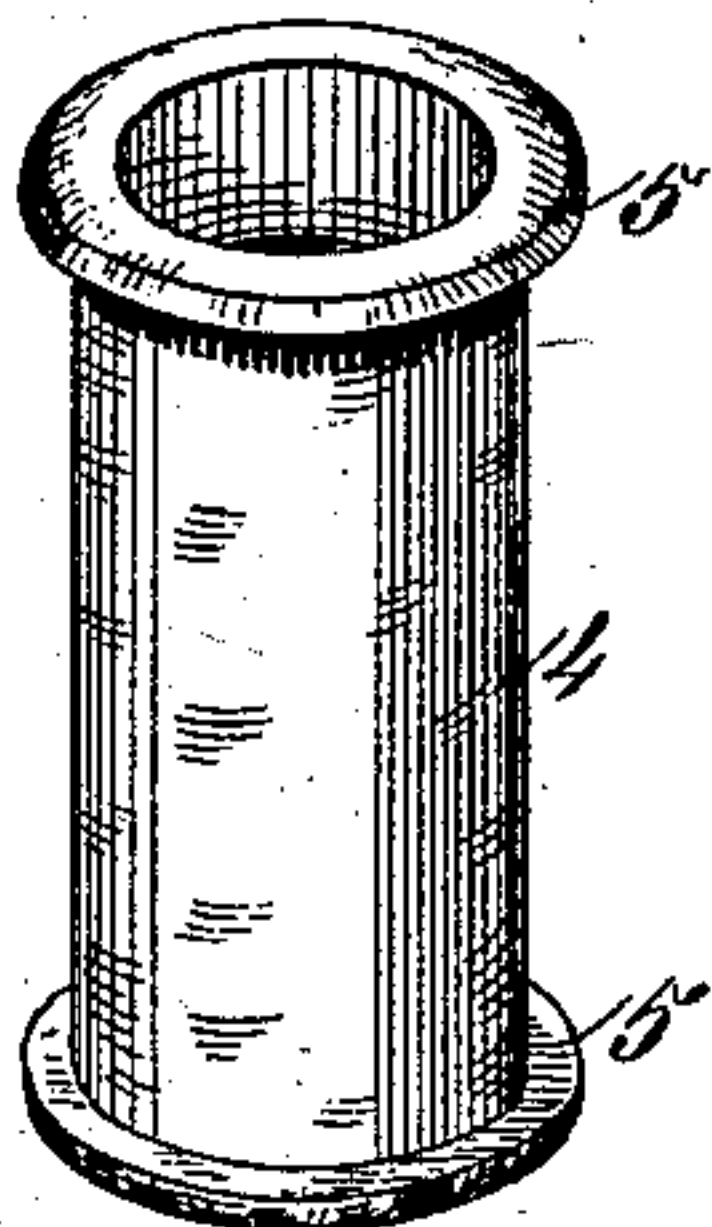
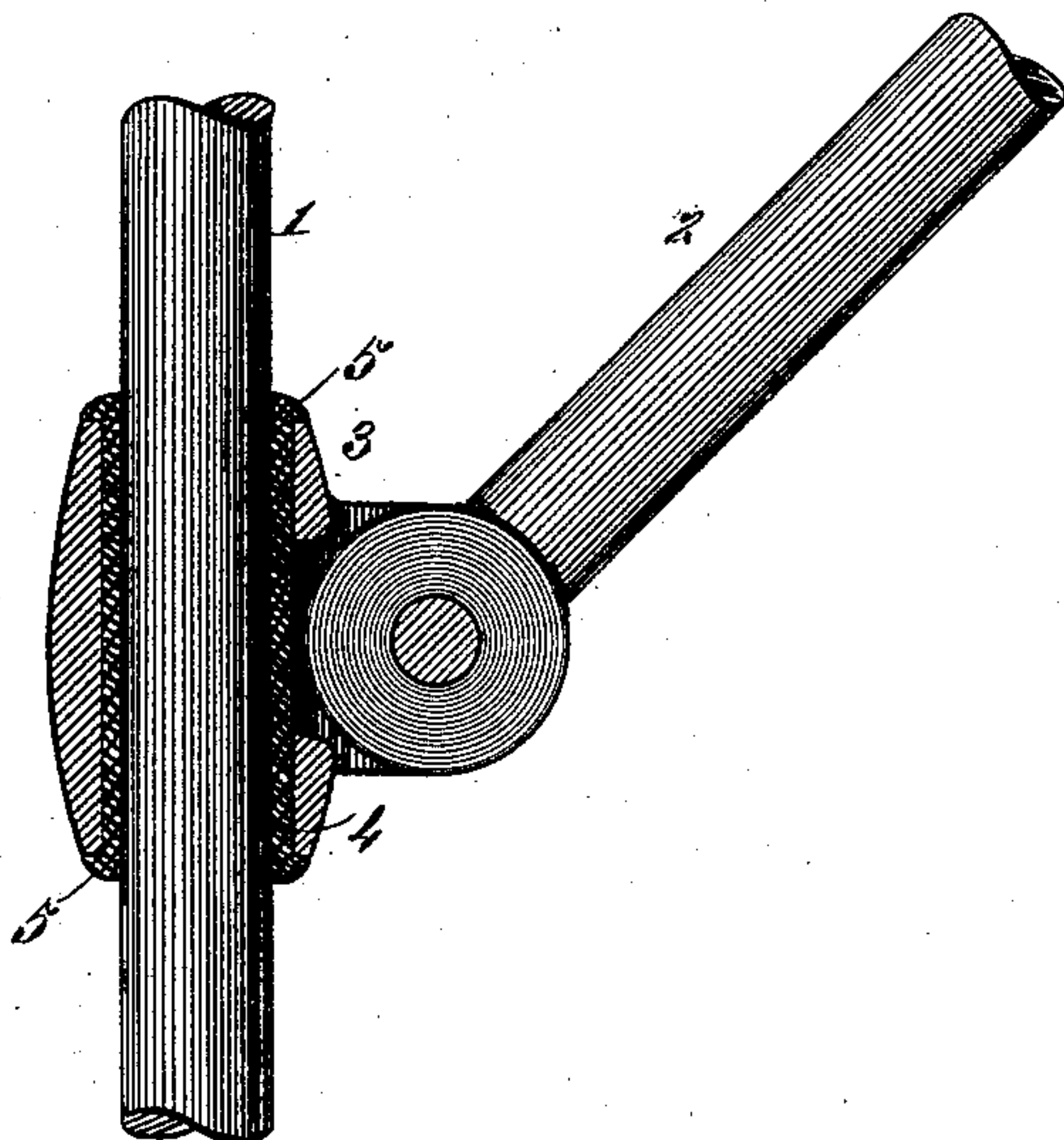


Fig. II.



Attest;
Emma Arthur
George E. Cruise

Inventor;
Demetrius Jannopoulos
By Knight Bros
Attys

UNITED STATES PATENT OFFICE.

DEMETRIUS JANNOPOULO, OF ST. LOUIS, MISSOURI.

AWNING.

SPECIFICATION forming part of Letters Patent No. 389,749, dated September 18, 1888.

Application filed July 30, 1888. Serial No. 231,354. (No model.)

To all whom it may concern:

Be it known that I, DEMETRIUS JANNOPOULO, of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Awnings, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure I is a perspective view of the sleeve or bushing of my anti-rattler device for awnings. Fig. II is a detail side view showing part of one of the vertical guide-rods and one of the braces of an awning, and showing the clip and bushing in vertical section.

Awnings as generally and usually constructed, as is well known, have vertical guide-rods, over which fits a clip or slide that connects the inclined braces or arms of the awning to the rods and permits of a vertical movement of the lower ends of the braces upon the rods, so that when the awning is to be closed the lower ends of the braces may be drawn up upon the guide-rods, and when the awning is opened the lower ends of the braces slide downward on the guide-rods, all for reasons well understood. My invention does not relate, *per se*, to this feature of the awning.

When an awning has been opened or lowered into using position, the slightest wind or breeze causes the clips to move upon the guide-rods, and both being metal, a continuous grating noise is produced by this moving of the clips on the vertical rods, which is objectionable and annoying to many people.

The object of my invention is to obviate this noise; and to this end my invention consists, broadly, in placing a bushing of anti-rattling material between the clip and rod.

Referring to the drawings, 1 represents one of the vertical rods of an awning, 2 one of the braces, and 3 the clip connecting the brace to the rod at its lower end. The socket in the clip is made sufficiently large to admit a bushing, 4, this bushing preferably being made in the form of a sleeve, as shown in Fig. I, with collars or flanges 5 at its respective ends, which fit against the respective ends of the clip, as shown in Fig. II. The bushing is preferably made of rubber, and, being elastic, can be folded longitudinally and inserted into the socket of the clip, with the collars 5 projecting at the respective ends, and then by allowing it to open out it fits snugly within the clip, as shown in Fig. II.

While I have mentioned rubber as the material from which the bushing may be made, I do not confine myself to this material, as there are many other materials which might answer the purpose.

I claim as my invention—

1. In an awning, the combination of a guide-rod, a brace, a clip for securing the brace to the guide-rod, and a bushing of noiseless material placed between the clip and guide-rod, substantially as and for the purpose set forth.

2. In an awning, the combination of the guide-rod, brace, clip securing the brace to the guide-rod, and a bushing of noiseless material having end flanges or collars and inserted between the clip and the guide-rod, substantially as and for the purpose set forth.

DEMETRIUS JANNOPOULO.

In presence of—

JOS. WAHLE,
EDW. S. KNIGHT.