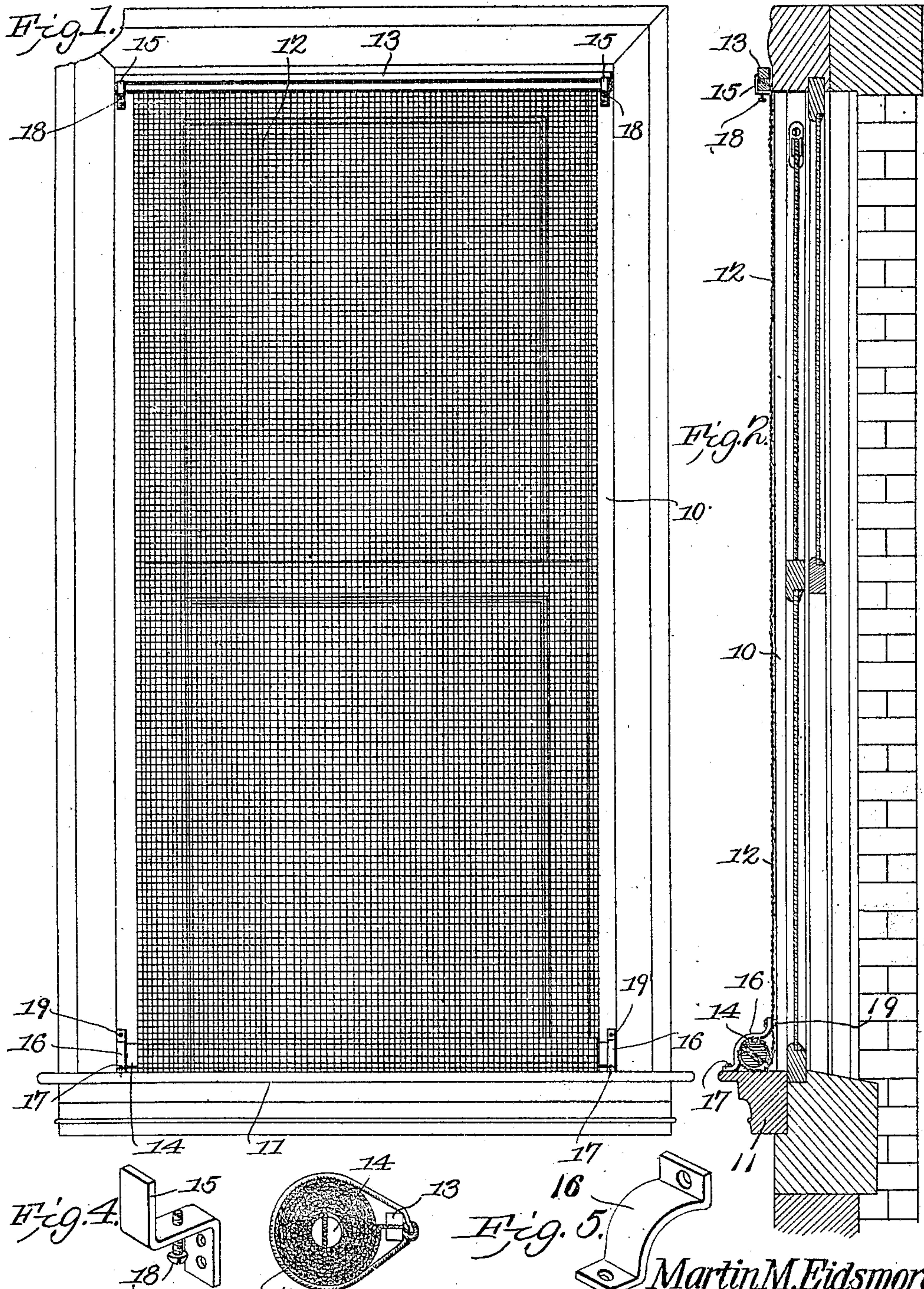


No. 837,204.

PATENTED NOV. 27, 1906.

M. M. EIDSMORE.
WINDOW SCREEN.

APPLICATION FILED AUG. 25, 1905.



Witnesses

E. Stewart
L. Merrill

by

C. A. Snow & Co.
Attorneys

Martin M. Eidsmore
Inventor

UNITED STATES PATENT OFFICE.

MARTIN M. EIDSMORE, OF BLANCHARDVILLE, WISCONSIN.

WINDOW-SCREEN.

No. 837,204.

Specification of Letters Patent.

Patented Nov. 27, 1906.

Application filed August 25, 1905. Serial No. 275,826.

To all whom it may concern:

Be it known that I, MARTIN M. EIDSMORE, a citizen of the United States, residing at Blanchardville, in the county of Lafayette and State of Wisconsin, have invented a new and useful Window-Screen, of which the following is a specification.

This invention relates to window-screens, and has for its object to provide a device of the class embodying new and improved features of simplicity, convenience, adaptability, and efficiency.

A further object of the invention is to provide a screen which will fit and be easily applied to windows of varying sizes and which may be readily and easily detached and rolled to occupy a very small space for storage and transportation.

With these and other objects in view, which will appear as the nature of the invention is better understood, the same consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation.

In the drawings, Figure 1 is a view in side elevation of the improved screen applied to a window. Fig. 2 is a vertical sectional view of a window with the improved screen applied. Fig. 3 is a view in end elevation of the improved screen detached and rolled and tied for storage or transportation. Fig. 4 is a perspective view of one of the supporting-brackets. Fig. 5 is a perspective view of one of the roller-retaining clips.

Like characters of reference designate corresponding parts throughout the several views.

The screen forming the subject-matter of this application is adapted to be applied to a window of ordinary construction having the casings 10 and stool 11. In its preferred embodiment the improved screen comprises a screen fabric 12, clamped at one end between the strips of the bar 13 and at the other between the halves of the roller 14. The bar 13 is disposed in brackets 15, attached to the window-casing above the window-opening

and supplied with adjusting-screws 18, the latter bearing beneath the bar, and thereby providing tension means for the screen.

The roller 14 extends at the ends beyond the screen material 12 and is held in place on the window-stool 11 by clips 16, the latter curved intermediate the ends for bearing over the roller and extended at one end for bearing upon the window-stool and extended at the other end toward the casing 10 and spaced from the same and provided with clamp-screws 19, engaging the casing, and thereby connecting the clips to the same.

The curved portions of the clips are greater than one-fourth and less than one-half of a complete circle, as shown in Fig. 5, which represents an enlarged perspective view of one of the clips detached, so that when the clamp-screws 19 are operated the clips will firmly clamp the roller and compress it against the stool 11 and casing 10. The roller is thus held from rotation.

In mounting the screen the set-screws are lowered in the brackets 15, and the bar 13, with the screen material attached, is placed in the brackets. The roller 14 is then disposed upon the ledge 11, with its ends beneath the clips 16, and rotated by the hands to draw the web of the screen material taut and the screws 19 rotated to clamp the roller in position. The set-screws 18 are then rotated to move the bar 13 upwardly in the brackets and produce a strain upon the web and maintain it in a stretched condition.

When desired, the clips 16 may be released and the screen detached and rolled around the member 14 and tied or otherwise secured, as shown in Fig. 3, for shipment or storage.

Having thus described the invention, what is claimed is—

The combination with a window including the casing and stool, of spaced brackets attached to the casing above the window-opening adjusting-screws operating upwardly through said brackets, clips having curved portions intermediate their ends and extended at one end over the window-stool and secured thereto and extended at the other ends toward the window-casing and spaced therefrom, clamp-screws operating through said last-mentioned extended ends and into the casing, a web of screen material connected at

one end to a bar disposed in said brackets
and bearing upon said adjusting-screws and
at the other end to a roller bearing at the
ends beneath said clips and adapted to be
5 compressed thereby against the stool and
casing.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature
in the presence of two witnesses.

MARTIN M. EIDSMORE.

Witnesses:

M. J. CLEARY,

JAS. BLANCHARD.