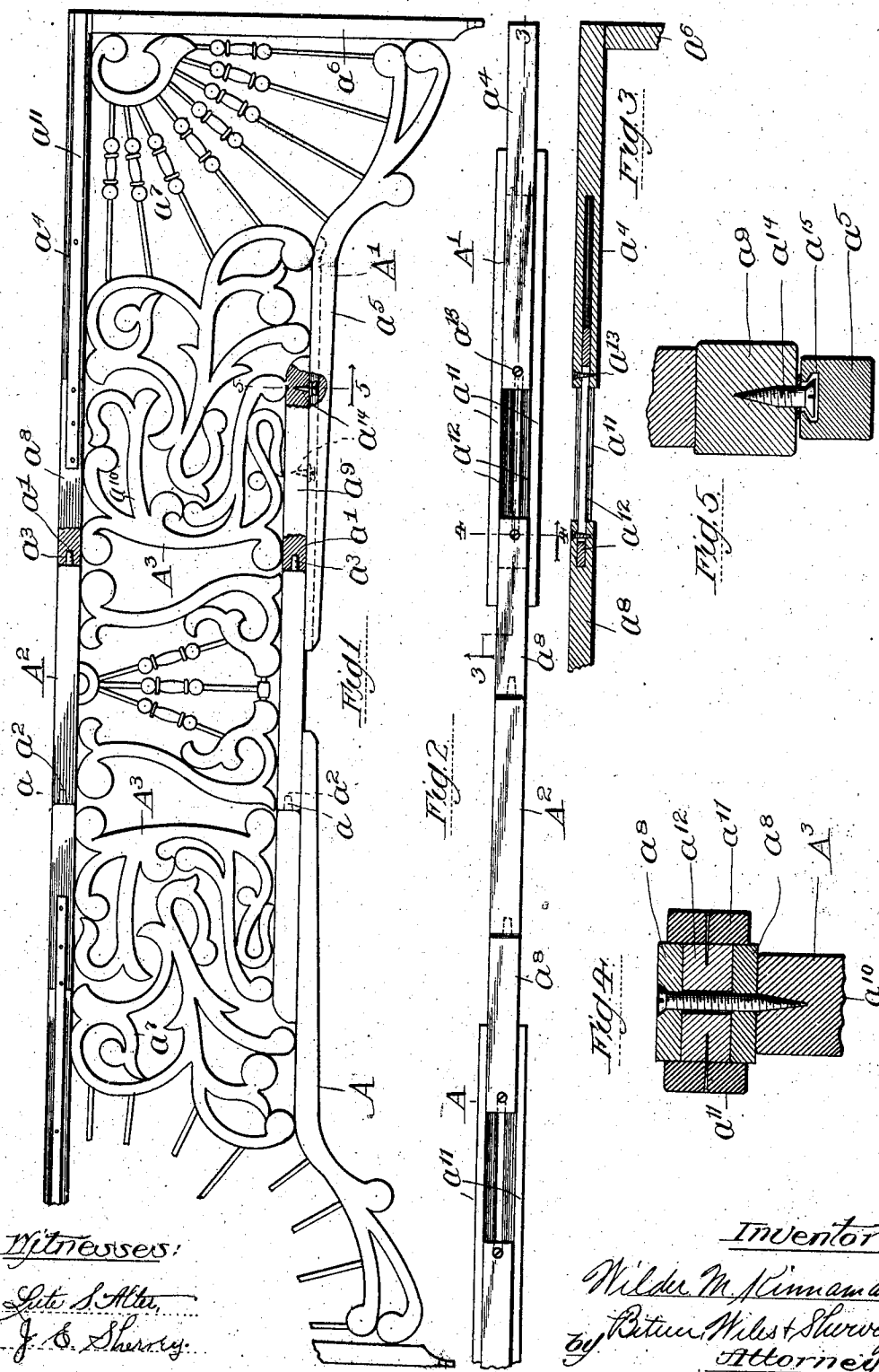


No. 839,153.

PATENTED DEC. 25, 1906.

W. M. KINNAMAN.
GRILLE.

APPLICATION FILED OCT. 2, 1905.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILDER M. KINNAMAN, OF FOSTORIA, OHIO, ASSIGNOR TO SEARS-ROEBUCK & CO., A CORPORATION OF ILLINOIS.

GRILLE.

No. 839,153.

Specification of Letters Patent.

Patented Dec. 25, 1906.

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To all whom it may concern:

Be it known that I, WILDER M. KINNAMAN, a citizen of the United States of America, residing at Fostoria, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Grilles, of which the following is a specification.

My invention relates to improvements in grilles, and is fully described and explained in this specification and shown in the accompanying drawings, in which—

Figure 1 is a side view of a grille embodying my improvements, one of the corners being broken away and certain other portions being broken out to expose parts which would otherwise be hidden from view. Fig. 2 is a top plan of the same, but showing the same in an extended position. Fig. 3 is a fragmental vertical longitudinal section taken in the line 3 3 of Fig. 2. Fig. 4 is an enlarged cross-section in the line 4 4 of Fig. 2, and Fig. 5 is a similar section in the line 5 5 of Fig. 1.

It is customary to build grilles of certain standard sizes to fit certain standard-size door or window openings. When the opening is not of a standard size, it is necessary to make the grille to order so as to fit it. It is my intention to provide a grille which is capable of a certain amount of longitudinal adjustment without destroying the unity of the ornamental design. This I accomplish by making the main or side pieces of the grille of a plurality of sections longitudinally adjustable with respect to each other, the design of the ornamental part being so designed and arranged that considerable movement may be had of each section with respect to the other without distorting the design to any such extent as to be particularly noticeable. It will be noticed that a portion of the scrollwork upon the end section extends in between the upper and lower portions of the scrollwork of the slidable section, so that one may be moved with respect to the other without leaving any wide gaps between them.

Referring to the drawings, A A' represent the two main portions of the grille, and A² a center piece connecting the two main portions A A'. The portions A A' are provided, respectively, with pins and sockets *a a'*, adapted to engage with sockets and pins *a² a³*

upon the center piece A². When necessary, this center piece may be dispensed with and the pins *a* may then be inserted in the sockets *a'* to connect the two main portions together. This is done when the door-opening or archway in which the grille is used is too narrow to receive the three portions of the grille. Each of the main portions A A' of the grille is made up of a stationary or fixed end section, which is secured to the framework of the archway or opening, and a slidable section A³, guided upon the end section and adjustable thereon, so that the length of the grille may be regulated to fit the desired opening.

Each of the end sections is made up of an outer frame comprising longitudinal members *a⁴ a⁵* and a vertical connecting member *a⁶*, inclosing between them an ornamental scrollwork or other open-work design. Upon the longitudinal members *a⁴ a⁵* are slidably mounted longitudinal strips *a⁸ a⁹* of the movable section A³ of the grille, between which strips is an ornamental scrollwork *a¹⁰*, the pattern of which conforms to the pattern of the scrollwork upon the stationary end section of the grille. The strip *a⁸* has secured upon its sides two guide-strips *a¹¹*, between which is slidably secured the longitudinal member *a⁴* of the end sections. The strip *a⁸* has also secured to it a strip *a¹²*, (see Fig. 3,) which extends into a furcation in the longitudinal member *a⁴*. This strip *a¹²* is slotted to admit of a screw *a¹³*, which connects the ends of the furcation of the member *a⁴*. Into the lower edge of the strip *a⁹* are screwed two screws *a¹⁴*, the heads of which extend into undercut grooves *a¹⁵* in the lower longitudinal member *a⁵* of the end piece. The slidable sections A² are thus guided upon the end sections A A'. When the grille is to be used upon an archway which is too narrow to receive the three sections of the grille, the middle section is removed and the two main portions brought together with the pins in their sockets, and the grille lengthened out until it fits the archway. When the two sections will not span the archway, the middle section is added.

I realize that considerable variation is possible in the details of this construction without departing from the spirit of the invention,

and I therefore do not intend to limit myself to the specific form herein shown and described.

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

The combination in a grille, of two end sections each of which comprises two slidable parts, which together form a unitary design and which are capable of relative movement without substantial distortion of the design, with a central section having means of en-

gagement with the slidable portions of the end sections.

In witness whereof I have signed the above application for Letters Patent, at Fostoria, in the county of Seneca and State of Ohio, this 28th day of September, A. D. 1905.

WILDER M. KINNAMAN.

Witnesses:

J. V. JONES,

FRANK OHLER.