UNITED STATES PATENT OFFICE.

IGNACE KWIAKTOWSKI, OF CLEVELAND, OHIO.
CURTAIN-HANGING DEVICE.

998,536.
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To all whom it may concern:

Be it known that I, IGNACE KWIAKTOWSKI, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Curtain-Hanging Devices, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in curtain rods, rod holders and curtain operating devices, and consists in the construction, combination and arrangement of devices, hereinafter described and claimed.

The object of my invention is to provide improved means for hanging inner and outer curtains of a window, and for opening and closing the curtains at will.

In the accompanying drawings—Figure 1 is a perspective view of a curtain hanging device constructed in accordance with my invention, showing the same attached to a window casing. Fig. 2 is a longitudinal horizontal sectional view of the same. Fig. 3 is a perspective view of one of the end blocks. Fig. 4 is a similar view of one of the curtain hooks and its guide rod. Fig. 5 is a transverse sectional view through one of the tubular curtain rods, and showing the devices therein for hanging and operating the curtains.

In accordance with my invention, I provide a pair of tubular curtain rods 1, 2, which are respectively employed for hanging the inner curtains 3, and the outer curtains 4 of a window or the like. The said tubular curtain rods have their ends placed in sockets 5, of a pair of brackets 6, the said brackets being secured to opposite sides of the window casing as by means of screws or other suitable devices 7. The sockets 5 open at the inner sides of the said brackets and close at the outer sides thereof, so that those portions of the brackets which form the bottoms of the said sockets serve to cover and hide the ends of the tubular curtain rods. Each of the curtain rods is provided in one side with a longitudinal opening 8. A pair of blocks or plugs 9 are fitted in the ends of each of the tubular curtain rods, and the said blocks or plugs are connected together by a longitudinally disposed guide wire 10. Each plug is provided at its inner end with a recess 11 in which is seated a direction element, here shown as a pulley 12, the said pulleys being mounted on pins 13,

which extend transversely through the plugs and serve to also secure them in the ends of the tubular rods. Each of the said plugs is also provided with a pair of guide and direction openings 18, the brackets 5 being provided with similar guide and direction openings 14 which register with the openings 18.

In each of the tubular curtain rods is a suitable number of curtain hanging hooks 15 which project from one side of the said rods through the openings 8 thereof, and are provided at their inner ends with a series of coils 16, which in effect form the tubular shanks through which the rods 10 extend, the said rods serving to guide the said hooks and also coacting with those portions of the tubular curtain rods forming the lower sides of the openings 8 to support the said hooks 75 and the curtains which are hung therefrom. In Fig. 1 of the drawings, I here show the curtains as hung from the hooks 15 by means of suitable safety pins 17, but the curtains may be hung from the hooks in any other suitable way or by any other suitable means, and I do not desire to limit myself in this particular.

The opening 8 of each curtain rod is in one side thereof and between the upper and lower sides of the rod. The hooks 15 are each provided with an arm 16, which extends horizontally from the rod 10 through and bears against the lower side of the opening 8. Hence, when the curtains are hung from the hooks their weight is imposed upon the lower sides of the openings 8 in the tubular curtain rods and the rods 10 are relieved from the major portion of the weight of the curtains and hence are not likely to sag and cause the curtains to droop, and, moreover, by thus supporting the hooks partly by the tubular curtain rods and partly by the guide rods the movement of the hooks in the tubular curtain rods is facilitated. This specific arrangement of the tubular curtain rod, guide rods and hooks is clearly indicated in Figs. 1 and 5.

Each curtain is provided with an operating cord 18 which passes over one of the pulleys 12 and out through the openings 13, 14 of the plugs 9, and the brackets 6, respectively and the ends of the cords are preferably provided with handles 19 of suitable design. The respective sides of the loop formed by each cord are secured to the hooks 15 at opposite sides of the curtain in con-
nection with which the said cord is em-
ployed, so that when one end of the cord is
drawn downwardly the curtain will be
opened or moved to the outer side of the
window, and when the other end of the cord
is drawn downwardly the curtain will be
closed, that is to say, it will be moved in the
reverse direction.

It will be observed that the one pair of
brackets 6, serve to support both of the tubu-
lar curtain rods, so that both of the tubular
curtain rods may be readily put up or taken
down from the window.

I claim:

1. A tubular curtain rod having a longi-
tudinal slot in one side, between the upper
and lower sides of the rod and further pro-
vided with a centrally disposed longitudi-
nally extending guide rod, and curtain
hanging hooks slidably on the guide rod and
having arms extending outwardly through the
slot in the tubular curtain rod and bearing
on the bottom of said slot so that the weight
of the curtain suspended from the hooks is
mainly borne directly by the tubular rod and
the guide rod is relieved thereof.

2. A tubular curtain rod having a longitudi-

nal slot in one side, between the upper and
lower sides of the rod and further provided
with a centrally disposed longitudinally ex-
tending guide rod, and curtain hanging
hooks slidable on the guide rod and having
arms extending outwardly through the slot
in the tubular curtain rod and bearing on
the bottom of said slot so that the weight
of the curtain suspended from the hooks is
mainly borne directly by the tubular rod and
the guide rod is relieved thereof.

In testimony whereof I hereunto affix my
signature in the presence of two witnesses.

IGNACE KWIAKTOWSKI.

Witnesses:
CHARLES S. WILMOT,
C. NOLAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
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