W. S. SANBORN.

SECTIONAL WINDOW WEIGHT.

APPLICATION FILED FEB. 9, 1905.

924,837. Patented June 15, 1909.

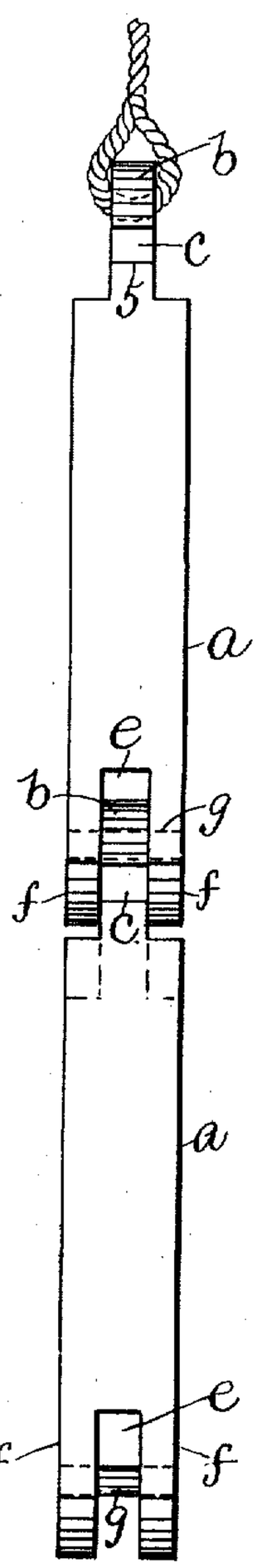

Fig. 1.

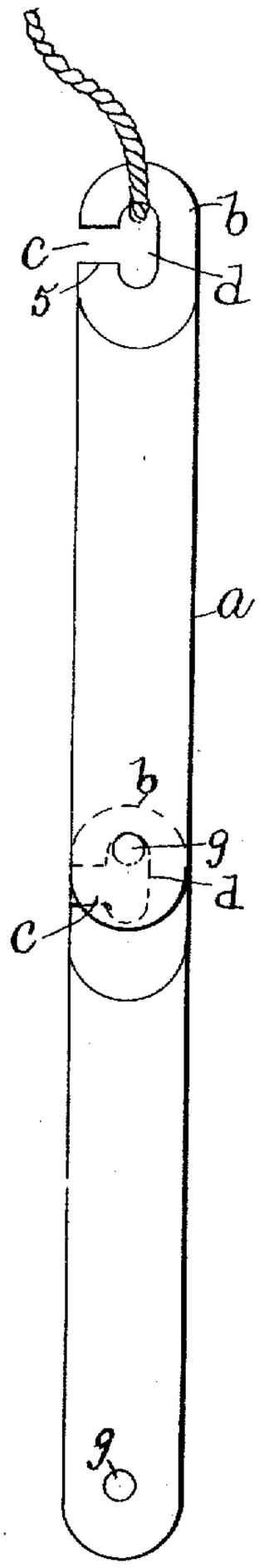

Fig. 2.

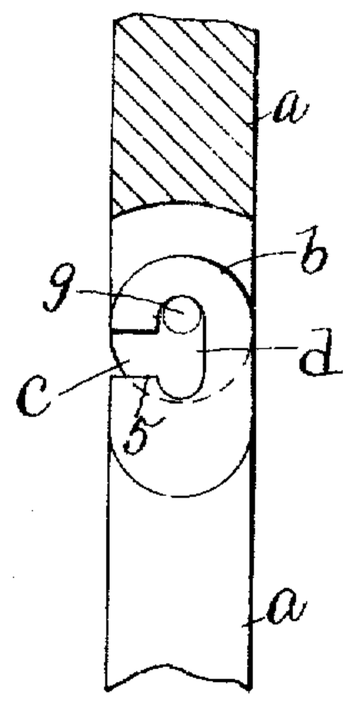

Fig. 3.

Witnesses.
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UNITED STATES PATENT OFFICE.

WILLIAM S. SANBORN, OF BELMONT, MASSACHUSETTS, ASSIGNOR TO NATIONAL BRAKE AND CLUTCH COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MAINE.

SECTIONAL WINDOW-WEIGHT.

No. 924,837. Specification of Letters Patent. Patented June 15, 1909.

Application filed February 9, 1905. Serial No. 244,849.

To all whom it may concern:

Be it known that I, WILLIAM S. SANBORN, a citizen of the United States, residing in Belmont, in the county of Middlesex and State of Massachusetts, have invented an Improvement in Sectional Window-Weights, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention relates to a sectional window weight and has for its objects to provide a simple and efficient weight which can be quickly and easily assembled and which is substantially locked together against accidental disengagement. For this purpose, a weight section is provided at one end with a curved portion, which extends in the direction of the length of said section and forms a hook, and at its opposite end said section is provided with a socket for the reception of a hook on a coöperating section as will be described. The hooked portion of the weight section may be provided with an elongated slot extending in the direction of the length of said section and with which communicates a laterally extended slot, the upper wall of which is formed by the lower surface of the hook. These and other features of this invention will be pointed out in the claims at the end of this specification.

Figure 1 is a front elevation of a sectional window weight embodying this invention. Fig. 2, a side elevation of the weight shown in Fig. 1, and Fig. 3, a detail to be referred to.

In the present instance, I have shown the invention as embodied in a sectional weight comprising two sections *a* of like construction and each provided at one end with a substantially central curved projection *b* constituting a hook. The hook *b* forms with the upper end of the weight section a transverse slot *c* and a longitudinally extended slot *d* with which the slot *c* communicates. The slot *d* may extend into the body portion of the weight and below the lower wall of the slot *c*. The hook *b* is adapted to enter a socket in the lower end of a coöperating weight section, which socket may be formed as herein shown, namely by providing the body portion of the weight with a substantially central slot *e* to form arms *f* which are connected by a pin *g*, which latter is designed to be engaged by the hook *b* and which forms the lower wall of the said socket.

To couple two sections together, the hook on one section is engaged with the pin *g* on the other section, the said pin passing through the transverse slot *c* into the longitudinal slot *d*, after which the lower section is released and is suspended by the hook as represented in Fig. 3. By extending the slot *d* below the bottom wall 5 of the transverse slot, the liability of accidental disengagement of the lower section from the upper is greatly reduced.

To disengage the lower section from the upper section, with the construction herein shown, the lower section is moved longitudinally until the slot *c* is opposite the pin *g* and is then moved transversely to clear the pin. To engage the weight sections, two movements in the reverse direction are required.

I have herein shown one construction of socket with which the bent hook coöperates, but I do not desire to limit my invention in this respect.

Claims.

1. A sectional weight comprising a body portion having extended longitudinally thereof from one end intermediate its sides a substantially central projecting portion having a transverse slot or opening, a second slot or opening communicating with the transverse slot or opening and extended above and below the upper and lower walls of said transverse slot to form a hook, and having at its opposite end arms extended longitudinally of the body portion in planes substantially parallel with the said hook and separated to form a slot for the reception of the hook of an adjacent section, and a cross piece joining said arms and capable of passing through the transverse slot of the hook of an adjacent section, substantially as described.

2. A sectional weight comprising a body portion having extended from one end intermediate its sides and substantially central with relation thereto a longitudinally extended projecting portion having a transverse slot or opening and a second slot or opening communicating with the transverse slot and extended above and below the upper and lower walls of said transverse slot to form a hook, and having at its opposite end side arms extended longitudinally of the body portion in planes substantially parallel with the said hook and separated to form a substantially central slot extended transversely of the body portion from side to side and in

the same plane as the said hook, and a cross piece joining said arms intermediate the ends of the same and capable of passing through the transverse slot of the hook of a coöperating weight section, substantially as described.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM S. SANBORN.

Witnesses:
LAWRENCE WHITCOMB,
J. MURPHY.