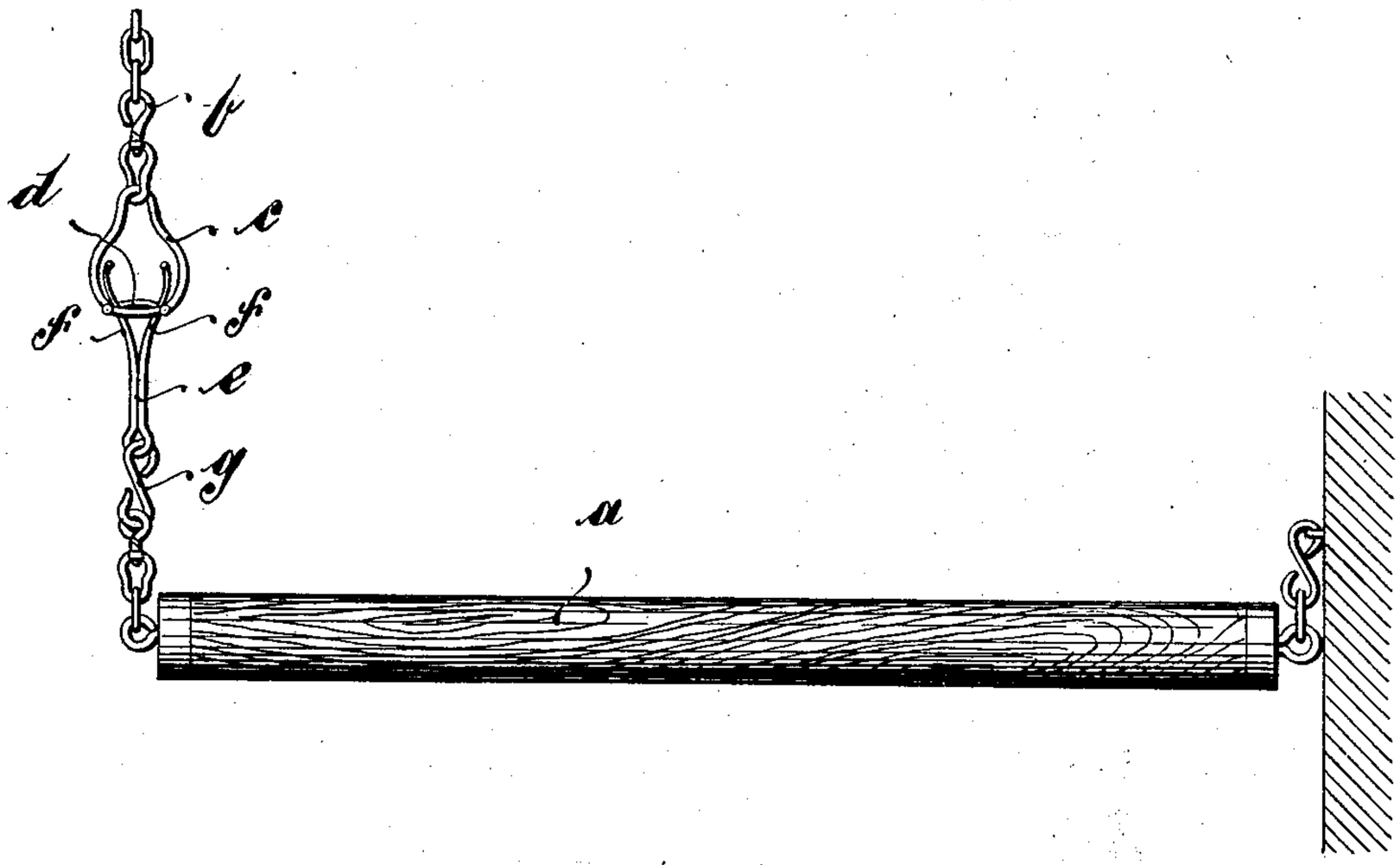
No. 755,200. PATENTED MAR. 22, 1904.

J. WERNER.

SUSPENSION DEVICE FOR STABLE BEAMS.

APPLICATION FILED OCT. 7, 1903.

NO MODEL.



WITNESSES:

Paul Longe.

Carl Trehaire

INVENTOR:

Julius Werner

No. 755,200. Patented March 22, 1904.

UNITED STATES PATENT OFFICE.

JULIUS WERNER, OF NEUMÜNSTER, GERMANY.

SUSPENSION DEVICE FOR STABLE-BEAMS.

SPECIFICATION forming part of Letters Patent No. 755,200, dated March 22, 1904.

Application filed October 7, 1903. Serial No. 176,147. (No model.)

To all whom it may concern:

Be it known that I, JULIUS WERNER, merchant, residing at Neumünster, a small town in the Kingdom of Prussia, German Empire, have invented certain new and useful Improvements in Suspension Devices for Stable-Beams, of which the following is a specification.

The present invention relates to suspension devices for stable-beams, and has for its object to prevent horses standing in stables between stable-beams from tumbling over the latter. Hitherto the beams were suspended to ordinary chains, so that it frequently happened that the horses having got entangled with their feet in the stable-beam tumbled over the latter and easily hurt themselves. The apparatus of the present invention is designed to do away with this drawback.

The same is illustrated in the accompanying drawing, in which similar letters denote similar parts.

The figure shows an elevation of the apparatus as applied to the beam.

a is the stable-beam, which on one end is attached to the wall of the stable, while its other end is suspended to the roof of the stable or the like. Instead of the ordinary chain there is a chain *b* employed, to the lower link of which a hoop *c*, having the shape of a climbing-iron, is attached. In the bottom of the hoop a slot *d* is arranged. A strong steel spring *e*, consisting of a piece of steel being partly bent together and having the free ends *f f* bent away from each other, engages with these free ends the slot of the hoop, the free ends bearing against the end walls of the slot. This spring carries on its bottom a hook *g*, engaging chain-links attached to the free end of the beam *a*.

It will be clear that when the beam will be pressed down with a certain force the spring will disengage the slot of the hoop, and thus prevent the horse from tumbling over.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is—

In combination with a stable-beam, a suspension device for the beam, comprising a hoop having a slot in the bottom and being linked to the ordinary chain, a link having strong spring-arms bent away from each other and freely engaging said hoop, and a hook attached to the lower end of the spring substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two witnesses.

JULIUS WERNER.

Witnesses:
OTTO W. HELLMRICH,
T. CHRIST. HAFERMANN.