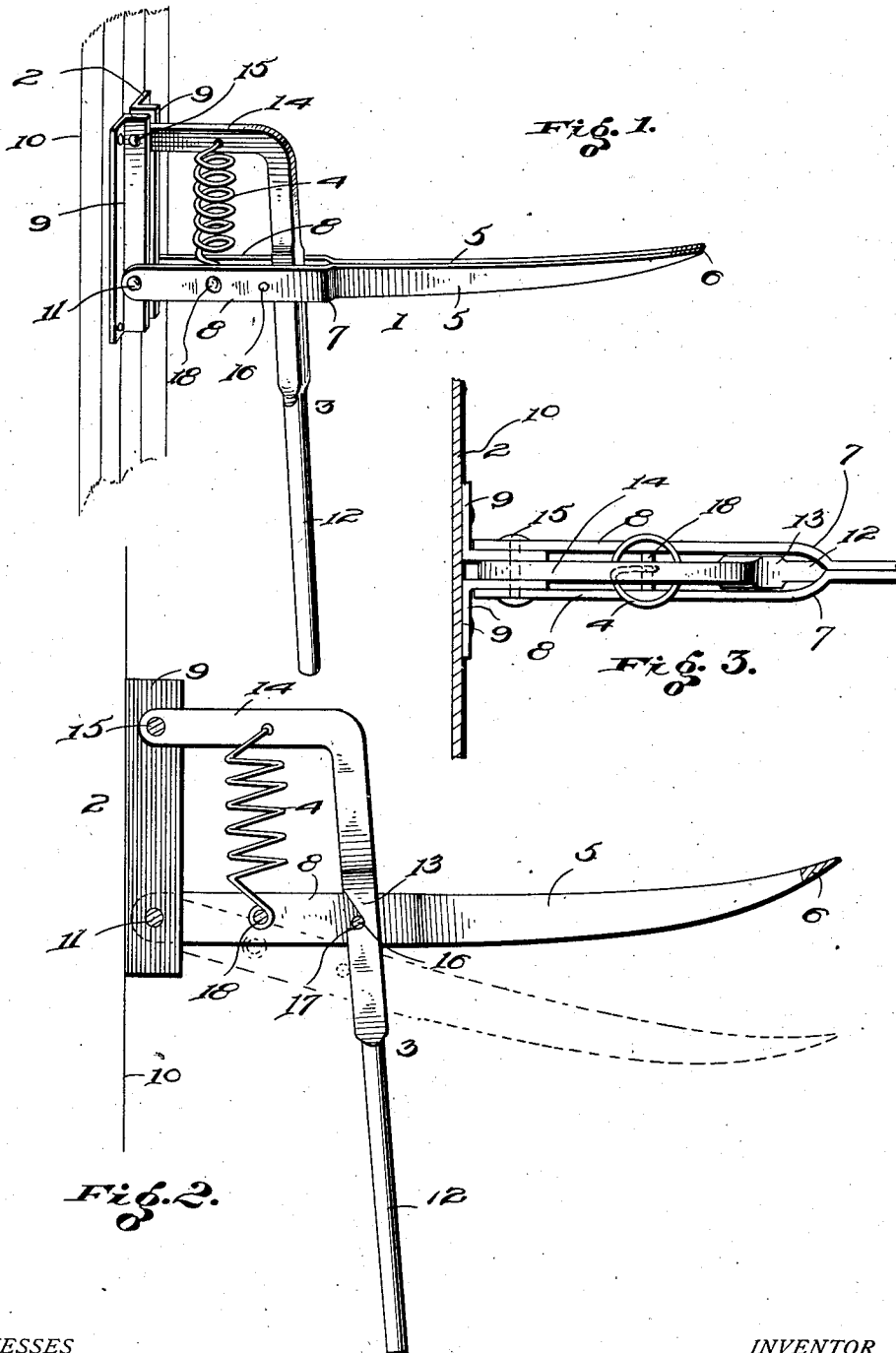


G. E. ROCKDASCHEL.
HARNESS HOOK.
APPLICATION FILED APR. 8, 1911.

1,010,958.

Patented Dec. 5, 1911.



WITNESSES
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UNITED STATES PATENT OFFICE.

GEORGE E. ROCKDASCHEL, OF SUMNER, IOWA.

HARNESS-HOOK.

1,010,958.

Specification of Letters Patent.

Patented Dec. 5, 1911.

Application filed April 8, 1911. Serial No. 619,801.

To all whom it may concern:

Be it known that I, GEORGE E. ROCKDASCHEL, a citizen of the United States, residing at Sumner, in the county of Bremer and State of Iowa, have invented certain new and useful Improvements in Harness-Hooks, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to devices for suspending harness on the wall of a barn or stable which are in the form of a hook or peg.

The invention has for its object to provide an improved device of this kind which is detachably held in position to support a harness and which, when released, will automatically operate to permit the harness to slide off of the support.

Referring to the accompanying drawings:—Figure 1 is a view in perspective of a harness supporting device constructed in accordance with this invention. Fig. 2 is an enlarged side view thereof with a portion of the device in vertical section. Fig. 3 is a plan view of the device shown in Fig. 1 with the outer end of the support broken away.

This invention comprises in its general features a bracket adapted to be secured to the wall of a barn or stable, a harness supporting arm hinged to said bracket, and a lever which normally holds said arm in position to support the harness, and serves to automatically release the arm and permit the harness to be released therefrom.

In carrying out the invention, an arm 1 is provided of any suitable form and construction which is hinged to a bracket 2 adapted to be secured to the wall of a barn or stable, said bracket being of any suitable construction, and an operating arm 3 which normally engages the harness supporting arm and is adapted to release the same, when the harness is to be removed. In conjunction with the harness supporting arm is a spring which serves to permit the arm when released to swing downwardly and to return it to its normal position when the harness has been removed therefrom. The arm 1, as here shown, preferably consists of two flat narrow strips of metal having the harness supporting portion composed of the two flat members 5 lying close to each other and terminating in a point 6 at the outer end of the arm. The arm so

formed is slightly curved upward toward its outer end, as shown. The inner ends of the members 5 are bent outwardly to form the shoulders 7, and from said shoulders 7 the metallic strips extend rearward a short distance forming the spaced members 8.

The bracket 2 is preferably constructed of two short strips of angle iron 9 which are spaced apart from each other and secured to the wall 10 of a barn or stable.

The inner ends of the members 8 are hinged to the bracket 2 by a pivot pin 11. The arm 3 is formed with a handle portion 12 depending from the flattened portion 13 which projects up between the spaced members 8 and being somewhat reduced in thickness extends up to the laterally projecting portion 14 which projects between the angle irons 9 and is hinged thereto by the pivot pin 15. The arm 1 is held normally in horizontal position as shown by means of a pin 16 mounted in the members 8 which rest in a notch 17 in the flattened portion 13 of the arm 3. The weight of the harness hung upon the arm 1 holds the pin 16 in the notch 17. The coil spring 4 is connected at one end to the member 14 of the arm 3, and at its other end to a pin 18 mounted in the members 8.

When it is desired to remove the harness suspended from the arm 1, the arm 3 is pulled outward so as to disengage the notch 17 from the pin 16 and the weight of the harness causes the arm 1 to be pulled down to an inclined position as shown in dotted lines in Fig. 2, thereby permitting the harness to slide off of the arm 1. When the arm 1 is relieved of the harness the coil spring 4 which is under tension, automatically throws back the arm 1 to its normal horizontal position, the arm 3 being also swung by the spring 4 so as to cause the notch 17 to engage the pin 16.

It will be seen that by means of this invention a simple device is provided for supporting harness which may be easily operated to permit the harness to be readily released from its support.

What I claim is:—

1. In a device of the kind described, a bracket, a horizontal harness supporting arm hinged to said bracket, a depending arm detachably engaged to said harness supporting arm and supporting it in horizontal position, and having a lateral projection at its upper end hinged to said bracket, and a

spring connected at one end to said horizontal arm and at its other end to the lateral projecting end of the depending arm.

2. In a device of the kind described, a
5 bracket, a horizontal harness supporting
arm hinged to said bracket, a vertical de-
pending arm detachably engaging said har-
ness supporting arm and supporting it in
10 horizontal position and having a lateral
projection at its upper end hinged to said
bracket, and a coil spring connected at one
end to said horizontal arm and at its other
end to the lateral projection at the top of
the depending arm.

15 3. In a device of the kind described, a
bracket consisting of a pair of short angle
irons spaced apart from each other, a har-
ness supporting arm consisting of two
metallic strips extending close together at

the outer portion of the arm and having 20
rearwardly extending spaced members
hinged to said bracket, a pin extending be-
tween said spaced members, a depending
vertical arm extending between said spaced 25
members and having a notch engaging said
pin, and a lateral projection at its upper
end hinged to said angle irons, and a coil
spring connected at one end to the rear end
of said harness supporting arm and at its
other end to the lateral projection of the de- 30
pending arm.

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

GEORGE E. ROCKDASCHEL.

Witnesses:

W. A. HEYER,

NELSON MCCOOK.

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