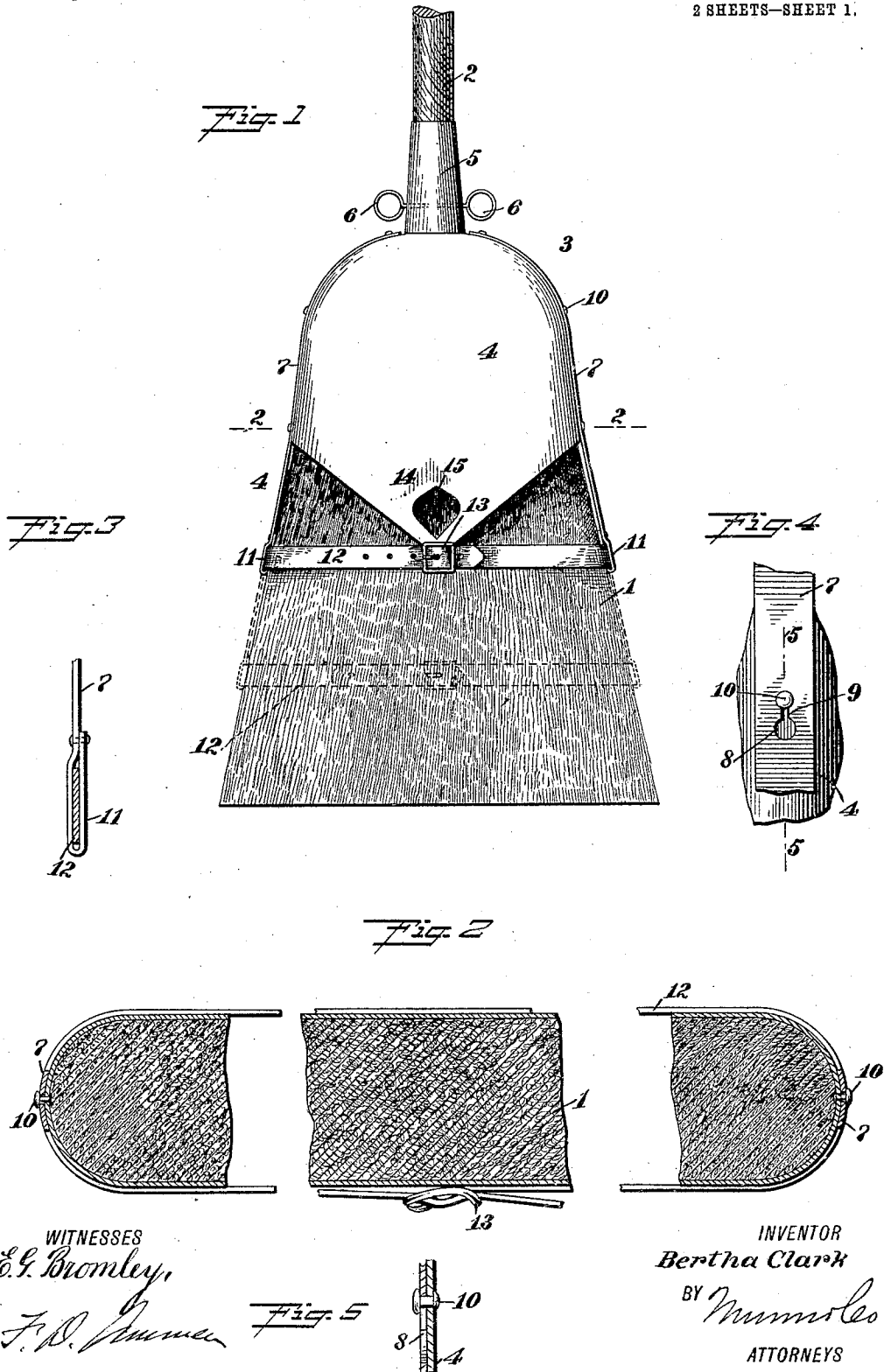


B. CLARK.
 REMOVABLE BROOM PROTECTOR.
 APPLICATION FILED MAY 19, 1909.

947,012.

Patented Jan. 18, 1910.

2 SHEETS—SHEET 1.



WITNESSES
E. G. Bromley,
J. R. Munn

Fig. 5

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Bertha Clark
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Fig. 6

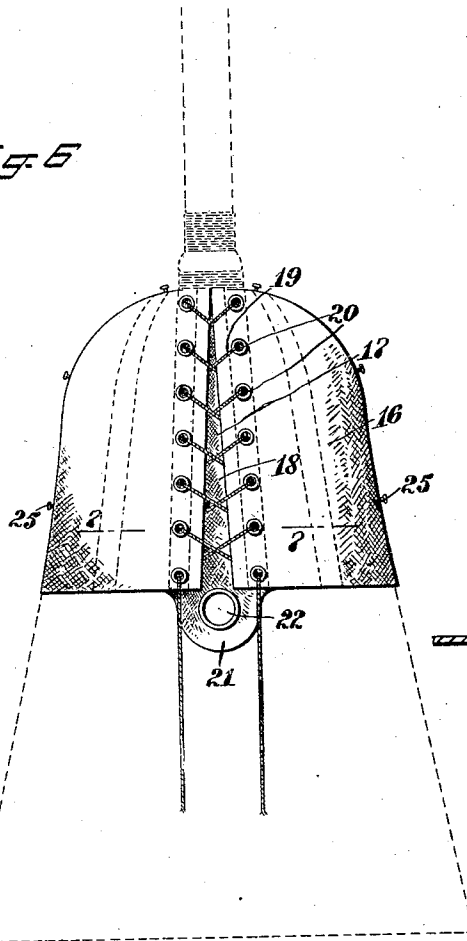


Fig. 8



Fig. 7

WITNESSES

E. G. Bromley,

J. H. Sumner

INVENTOR

Bertha Clark

BY *Mumma & Co.*

ATTORNEYS

UNITED STATES PATENT OFFICE.

BERTHA CLARK, OF NEW YORK, N. Y.

REMOVABLE BROOM-PROTECTOR.

947,012.

Specification of Letters Patent.

Patented Jan. 18, 1910.

Application filed May 19, 1909. Serial No. 496,872.

To all whom it may concern:

Be it known that I, BERTHA CLARK, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Removable Broom-Protector, of which the following is a full, clear, and exact description.

This invention relates to brooms, and the object of the invention is to provide a device which can be attached to the head of a broom and which will operate as a protector for the broom straws so as to reinforce them. In this way the device has a tendency to increase the utility and durability of the broom to which it is attached.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of the lower portion of a broom to which my invention is attached; Fig. 2 is a cross section taken on the line 2—2 of Fig. 1; Fig. 3 is a vertical section taken through a strap which constitutes a feature of the invention; Fig. 4 is a side elevation illustrating the construction of an adjustable attachment for reinforcing the broom head; Fig. 5 is a vertical section taken on the line 5—5 of Fig. 4, and further illustrating this adjustable connection; Fig. 6 is a side elevation showing another form of the broom protector, the broom being represented in dotted outline; Fig. 7 is a cross section on the line 7—7 of Fig. 6, further illustrating the details of the construction at this point, and upon an enlarged scale; and Fig. 8 is a cross section taken at the back of the broom and showing an inserted elastic gore.

Referring more particularly to the parts, and especially to Figs. 1 to 5, inclusive, 1 represents a broom head to which a handle 2 is attached. My device 3 comprises a hood or bonnet 4 which may be formed of sheet metal, as indicated in Fig. 1. This bonnet or cover envelops the broom head at its shoulders, and from the bonnet or cover, a neck 5 projects, which encircles the handle. This neck 5 may be slipped over the handle

from the upper end and is preferably secured to the handle by a pair of oppositely disposed eye-bolts 6, as shown. On the edges of the bonnet or cover 4, adjusting strips 7 are attached. These strips are formed of light metal having eyes 8 at suitable points therein, as shown. These eyes 8 have reduced slots 9 extending therefrom longitudinally of the strip. At suitable points the edge of the bonnet is provided with studs 10 which are adapted to be inserted through the eyes 8, and when the strips 7 are pulled longitudinally, the shanks of the studs pass into the slots 9 so that the strips will be secured to the bonnet. The lower ends of these strips project below the lower edge of the bonnet and are formed into elongated loops 11. In these loops there is supported a strap or belt 12 which may be formed of leather, or other suitable material, provided with a buckle 13 for tightening the same upon the broom head. As indicated in Fig. 2, this member 12 forms a complete belt around the broom.

As indicated in Fig. 1, there are three of the studs on each edge of the bonnet. When the broom is new, the strips 7 are attached to the two lower studs on the bonnet so that the belt 12 will lie at the point indicated in dotted lines in Fig. 1. In this way the belt reinforces the straws near their outer ends. As the broom wears away, the adjusting strips 7 are attached in the position shown in Fig. 1, that is, they are attached higher up on the bonnet. This holds the belt in an elevated position. The lower edges of the bonnet 4 are cut inclined, as indicated in Fig. 1 so that downwardly extending aprons 14 are formed on the sides of the cover. These aprons are provided with enlarged eyes 15 by means of which the broom may be hung upon a nail or hook driven into the wall. When the broom is hung up by means of one of the eyes 15, it will be held in an inverted position. The eyes 6 afford means for hanging the broom up in an upright or normal position. It is desirable to hang the broom up in this normal position when it is wet, as the water then tends to drain from the ends of the broom straws, and does not tend to collect in the head of the broom where it is attached to the handle. It is simply necessary to provide two nails or hooks which will be engaged by the eyes 6. Instead of making the bonnet or cover of metal, as described above, I may make it

in the form of a hood 16 formed of cloth which conforms to the shape of the broom head at the shoulders. At one side this hood is provided with a gore slit 17, under which
5 a gore tongue 18 is placed, and at this slit, a lacing 19 is provided which is laced through eyelets 20 on the edges of the slit. The lower end of the tongue 18 is extended so as to form an ear 21 having an enlarged
10 eye 22 for hanging the broom upon a nail or hook. On the side of the hood opposite to the slit 17, a similar gore slit 23 is provided, as shown in Fig. 8, and the gap formed at this slit 23 is closed by a tongue
15 24 of elastic material, such as rubber cloth. A hood constructed as described can be provided on its edges with studs 25 similar to the studs 10 described in connection with the preferred form.

20 Having thus described my invention, I claim as new and desire to secure by Letters Patent,—

1. A broom protector having a bonnet adapted to seat over the broom head, strips
25 attached to the edges of said bonnet and extending downwardly at the edges of the broom head, and a belt attached to said strips and adapted to encircle the broom straws.

2. A bonnet adapted to seat over a broom

head at the shoulders thereof, adjustable
strips attached to the edges of said bonnet and extending downwardly at the edges of the broom, and an adjustable belt attached to said strips and adapted to be tightened about the broom straws.

3. A bonnet having extension strips attached thereto, a belt attached to said extension strips and encircling the broom straws, and eyes rigid with said bonnet on opposite sides thereof and adapted to support the
40 broom from two hooks in an upright position.

4. A bonnet adapted to seat on a broom head, strips adjustably attached to said bonnet and extending downwardly therefrom,
45 a belt supported on said strips and adapted to encircle the broom straws, said bonnet having a neck projecting therefrom, and eyes carried on said neck on opposite sides thereof and adapted to support the broom.
50

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

BERTHA CLARK.

Witnesses:

F. D. AMMEN,

PHILIP D. ROLLHAUS.