W. J. DENNIS.

SQUEEGEE.

APPLICATION FILED JUNE 18, 1920.

1,375,682.

Patented Apr. 26, 1921.

Fig. 1.

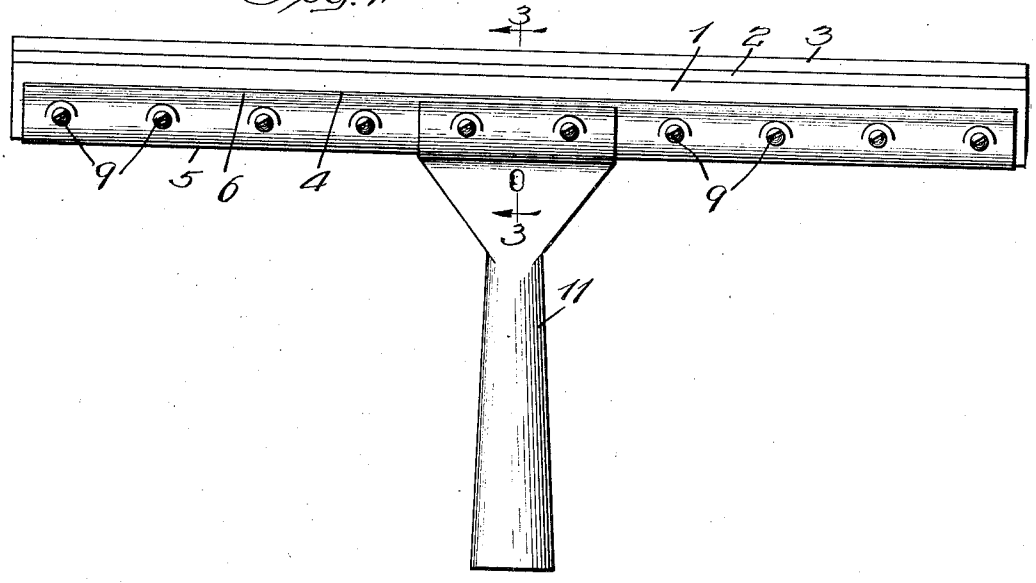


Fig. 2.

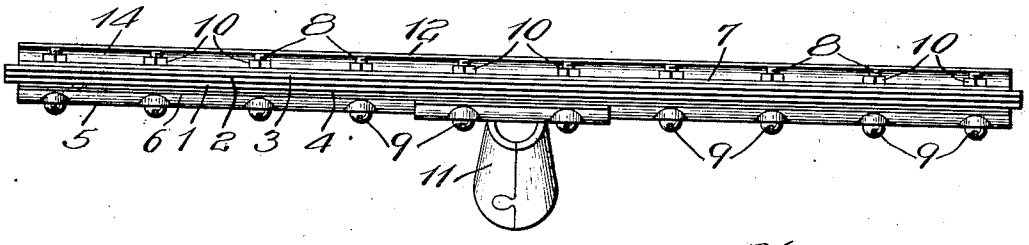


Fig. 3.

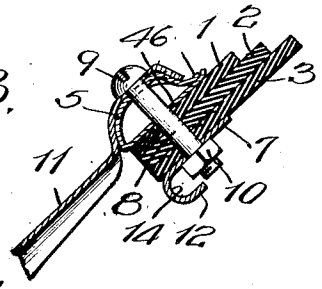
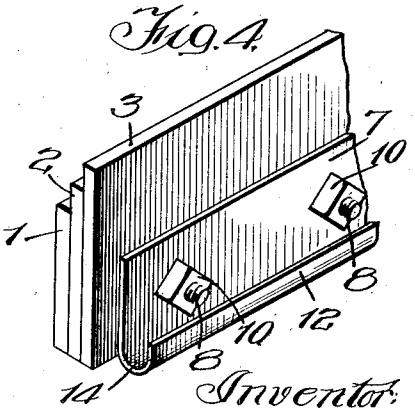


Fig. 4.



Witnesses:

W. P. Kilroy

Harry R. L. White

Inventor:

William J. Dennis

By Hill & Hill

Attys.

UNITED STATES PATENT OFFICE.

WILLIAM J. DENNIS, OF CHICAGO, ILLINOIS.

SQUEEGEE.

1,375,682. Specification of Letters Patent. Patented Apr. 26, 1921.

Application filed June 18, 1920. Serial No. 389,949.

To all whom it may concern:

Be it known that I, WILLIAM J. DENNIS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Squeegees, of which the following is a description.

My invention belongs to that general class of devices known as squeegees, which are generally used for window cleaning and like purposes. The invention has among its objects the production of a device of the kind described that is simple, convenient, compact, durable, reliable, efficient, and satisfactory for use wherever found applicable. The same has particularly as an object the production of a device of the kind described constructed to prevent the water wiped from the surface by the squeegee from running down the handle or pole or dropping onto the user. Many other objects and advantages of the construction herein shown and described will be obvious to those skilled in the art from the disclosure herein given.

To this end my invention consists in the novel construction, arrangement and combination of parts herein shown and described, and more particularly pointed out in the claims.

In the drawings, wherein like reference characters indicate like or corresponding parts,

Figure 1 is a view in elevation of my improved squeegee;

Fig. 2 is a top elevation of the same;

Fig. 3 is a sectional view taken substantially on line 3—3 of Fig. 1; and

Fig. 4 is a perspective view of a portion of the same.

Referring to the drawings, the squeegee consists of a head provided with one or more strips or plies of suitable material, such as rubber, rubber composition, or the equivalent, which are mounted in a suitable head provided with a handle for convenience in operating. The squeegee shown consists of the strips 1, 2 and 3, there being any desired number, and the same being of the desired size and shape. Arranged with the strips is a head part consisting of a plate 4, which is preferably bent over as at 5, with the edge 6 brought adjacent to the edge of the part 4. Arranged at the opposite side is a plate 7, the several parts being suitably secured together by means of bolts or screws 8, which may be provided with heads 9 and nuts 10, or the equivalent, so that the parts may be maintained assembled. The strips may be renewed from time to time as found necessary. I have shown the device provided with a socket or handle part 11, which is constructed at the end to fit the part 5 and has secured thereto, one or more of the bolts 8.

In using a device of this kind the same wipes the water on and from the surface, and the same has a tendency to run down the face of strip 3 and drop off or run down onto the handle, running down the same, or it may drop on the user. In the winter, with the usual type, the water may run down in his sleeve and freeze, or freeze on his clothes. In order to prevent the water running down the handle onto the operator, I form the strip 7 with a turned over portion 12 extending substantially from end to end of the device, and forming what may be termed a trough, so that water running down, for example, the strip 3 and over the plate 7, will be caught in the trough and may run out at either or both ends. The same, however, will not run down the handle or pole, or drop directly onto the user, and consequently will not affect the user of the device. The same is extremely convenient, and the turned over portion also stiffens the plate 7 and tends to give rigidity to the head without in any way affecting the flexibility of the strips carried between the plates.

Having thus described my invention, it is obvious that various immaterial modifications may be made in the same without departing from the spirit of my invention; hence I do not wish to be understood as limiting myself to the exact form, construction, arrangement and combination of parts herein shown and described, or uses mentioned.

What I claim as new and desire to secure by Letters Patent is:

1. A squeegee comprising a head consisting of flexible material, and a plate engaging one side of said material, a second plate disposed upon the other side of said material and having a rebent part extending toward the working surface of the flexible material and providing a trough, and means for securing said plates together.

2. A squeegee comprising a head consisting of flexible material, and a plate engaging one side of said material, a second plate disposed upon the other side of said material

and having a rebent part extending toward the working surface of the flexible material and providing a trough, and means for securing said plates together, said squeegee having a handle receiving part, the trough being disposed on the side of the squeegee opposite the handle receiving portion.

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

WILLIAM J. DENNIS.

Witnesses:
ROY W. HILL,
BERTHA HARTMANN.