

No. 704,861.

Patented July 15, 1902.

W. E. CORRELL.

DUST PAN.

(Application filed Oct. 19, 1901.)

(No Model.)

FIG. 2.

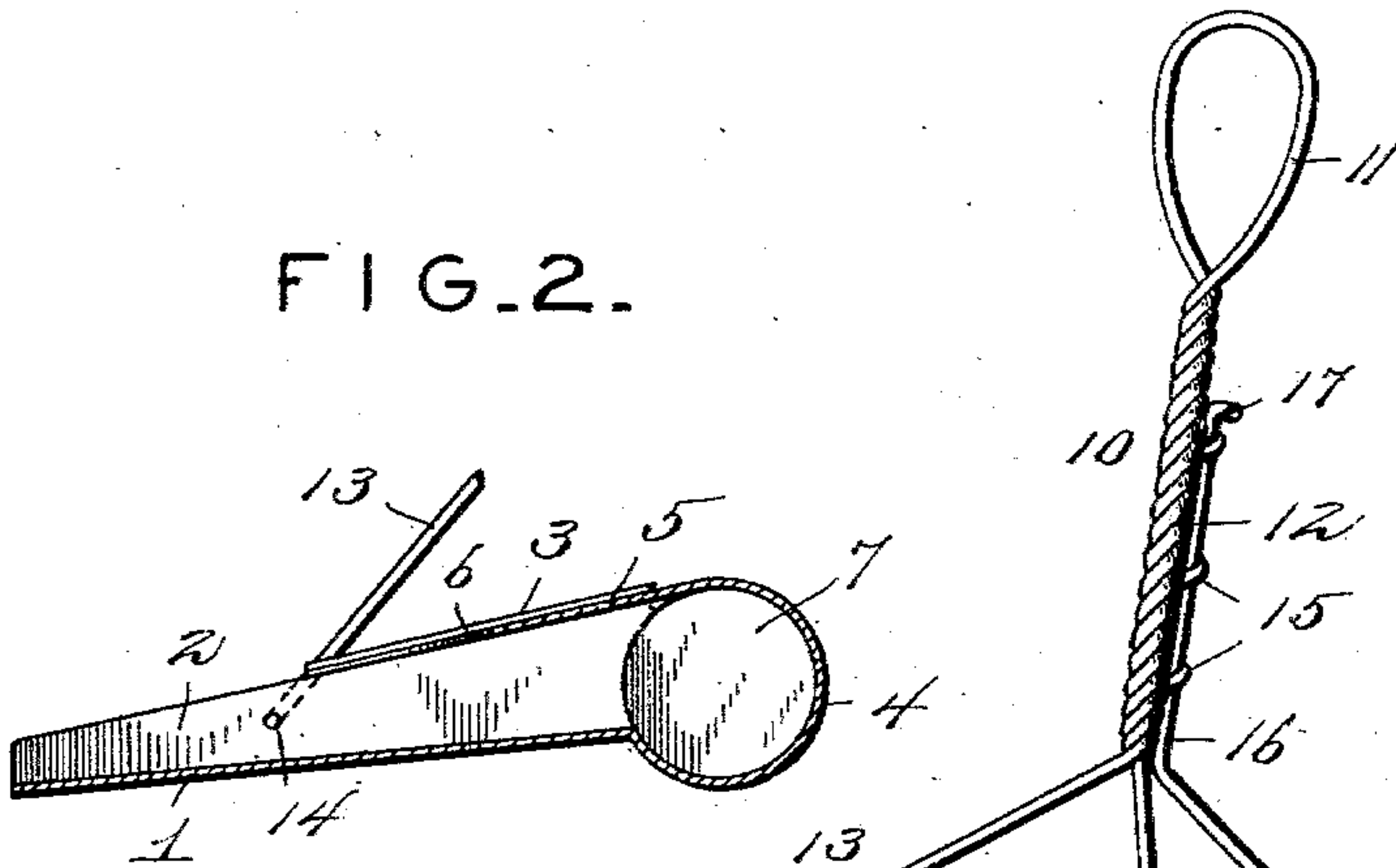


FIG. 1.

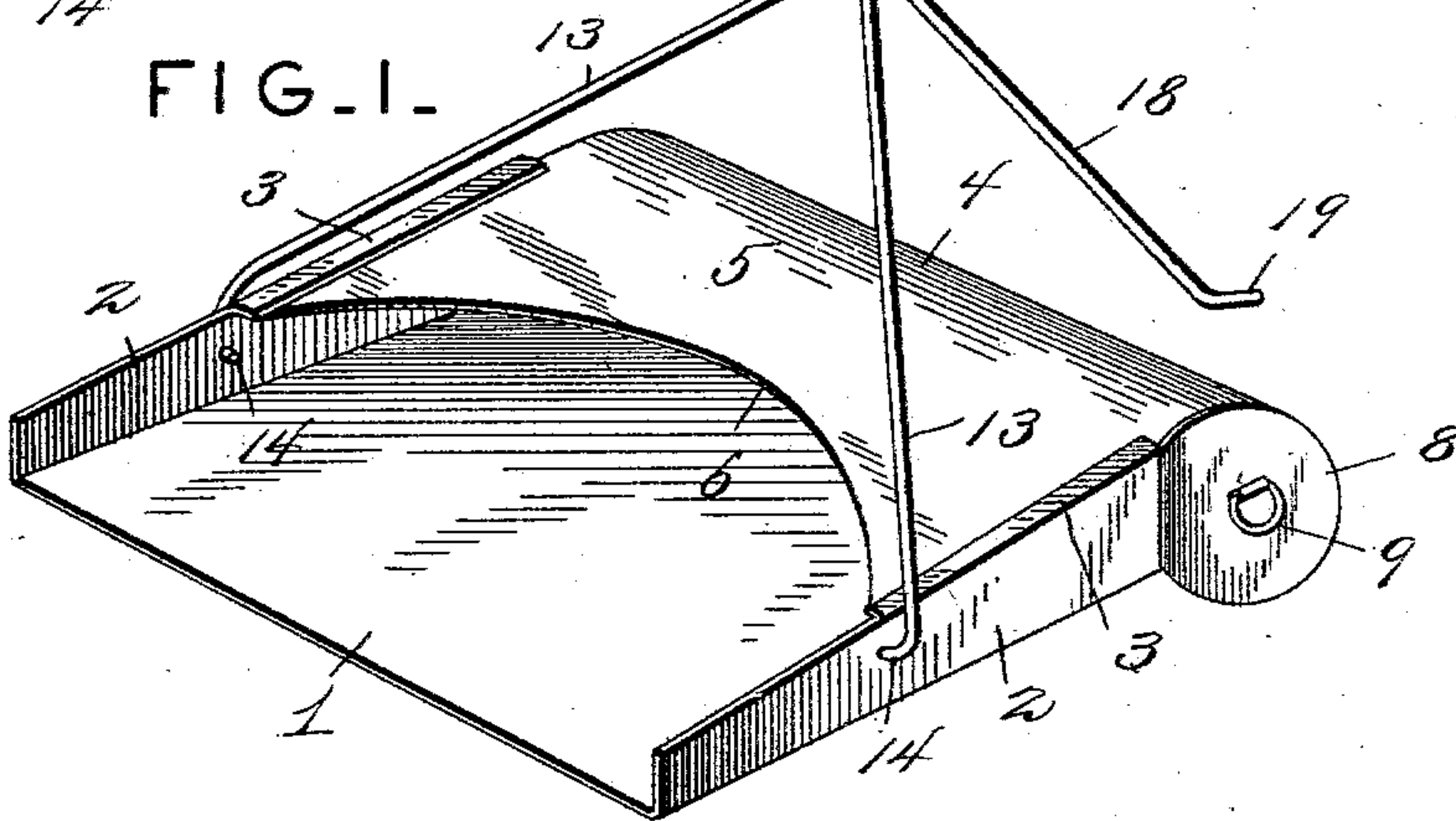
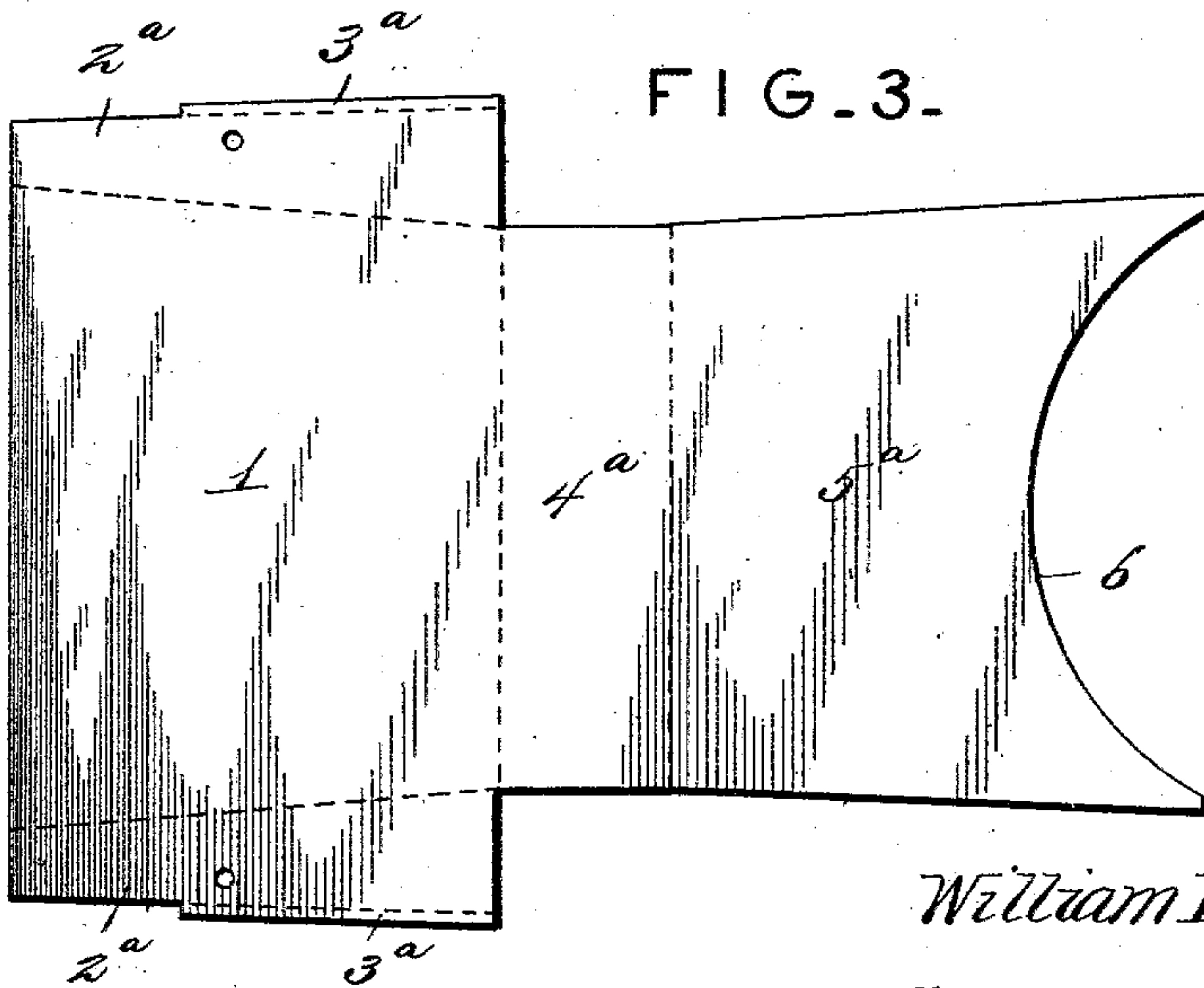


FIG. 3.



Witnesses

H. L. Amer.
Geo. Ackman

Inventor

William E. Correll.

By Victor J. Evans
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM E. CORRELL, OF HOLYOKE, COLORADO.

DUST-PAN.

SPECIFICATION forming part of Letters Patent No. 704,861, dated July 15, 1902.

Application filed October 19, 1901. Serial No. 79,268. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. CORRELL, a citizen of the United States, residing at Holyoke, in the county of Phillips and State of Colorado, have invented new and useful Improvements in Dust-Pans, of which the following is a specification.

My invention relates to dust-pans, the primary object being to provide a pan of simple and inexpensive construction from which dust and dirt may be easily discharged.

A further object of the invention is to provide means whereby the dust-pan may be held in position by the foot, thus leaving both of the hands of the user free to grasp the broom.

The invention comprises various novel features, which will be fully described hereinafter, in connection with the accompanying drawings, and particularly pointed out in the appended claims.

In the drawings, Figure 1 is a view in perspective of a dust-pan embodying the invention. Fig. 2 is a vertical section thereof, and Fig. 3 is a plan view of a sheet-metal blank from which the pan is formed.

The reference-numeral 1 designates the bottom of the pan and 2 the sides thereof, the latter being formed by bending up the projecting wings 2^a of the blank. The inwardly-extending flanges 3 of the sides of the pan are formed by bending over the lips 3^a of the blank. The central portion 4^a of the blank is bent to form an approximately cylindrical receptacle 4, the bottom of which projects below the bottom of the pan and serves to support the pan upon the floor in an inclined position. The edges of the cover 5 are secured under the flanges 3, and said cover, which is formed by bending forward the portion 5^a of the blank, has its front edge 6 curved inward, as shown in Fig. 1. One end of the receptacle 4 is closed permanently by an end wall 7, and the opposite open end of said receptacle is normally closed by a removable cover 8, provided with a finger-piece 9.

The handle 10 of the pan consists of a single piece of wire bent centrally to form a loop 11, then twisted to form the handle-grasp

coil 12, and having its ends diverged to form arms 13, terminating in hooks 14, which enter openings in the sides of the pan. One of the strands of the coil 12 is formed with eyes 15, serving as keepers for a brace 16, the latter formed from a single wire having a hook 17 at its upper end to limit the downward movement of the brace and bent rearward to form the inclined arm 18, terminating in a foot-rest 19.

The utility of the device will be readily understood. By means of the foot-rest 19 the pan may be held by the pressure of the foot, leaving both hands of the user free, and the dust and dirt which accumulates in the receptacle 4 is readily discharged by removing the cover 8 and tilting the pan sidewise.

By constructing the pan from a single piece of metal and securing its top in the manner shown and described the employment of rivets or like securing means is avoided, and the employment of the brace and footpiece adds materially to the convenience and utility of the pan.

When the pan is to be suspended against the wall, the brace-wire may be readily turned within its keepers 15 to permit the pan to rest against the wall.

I claim—

1. The combination with a dust-pan, of a handle comprising a single wire bent centrally to form a loop and twisted upon itself below the said loop to form a grasp-coil, eyes in one of the strands of the said coil, and a brace-wire loosely mounted in the said eyes and having a stop at its upper end and a foot-piece at its lower end.

2. The combination with a dust-pan, of a handle comprising a twisted wire formed with eyes, and a brace-wire extending through said eyes and having a stop at its upper end and a footpiece at its lower end.

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

WILLIAM E. CORRELL.

Witnesses:

F. C. CHURNING,
DAVID F. SEARS.