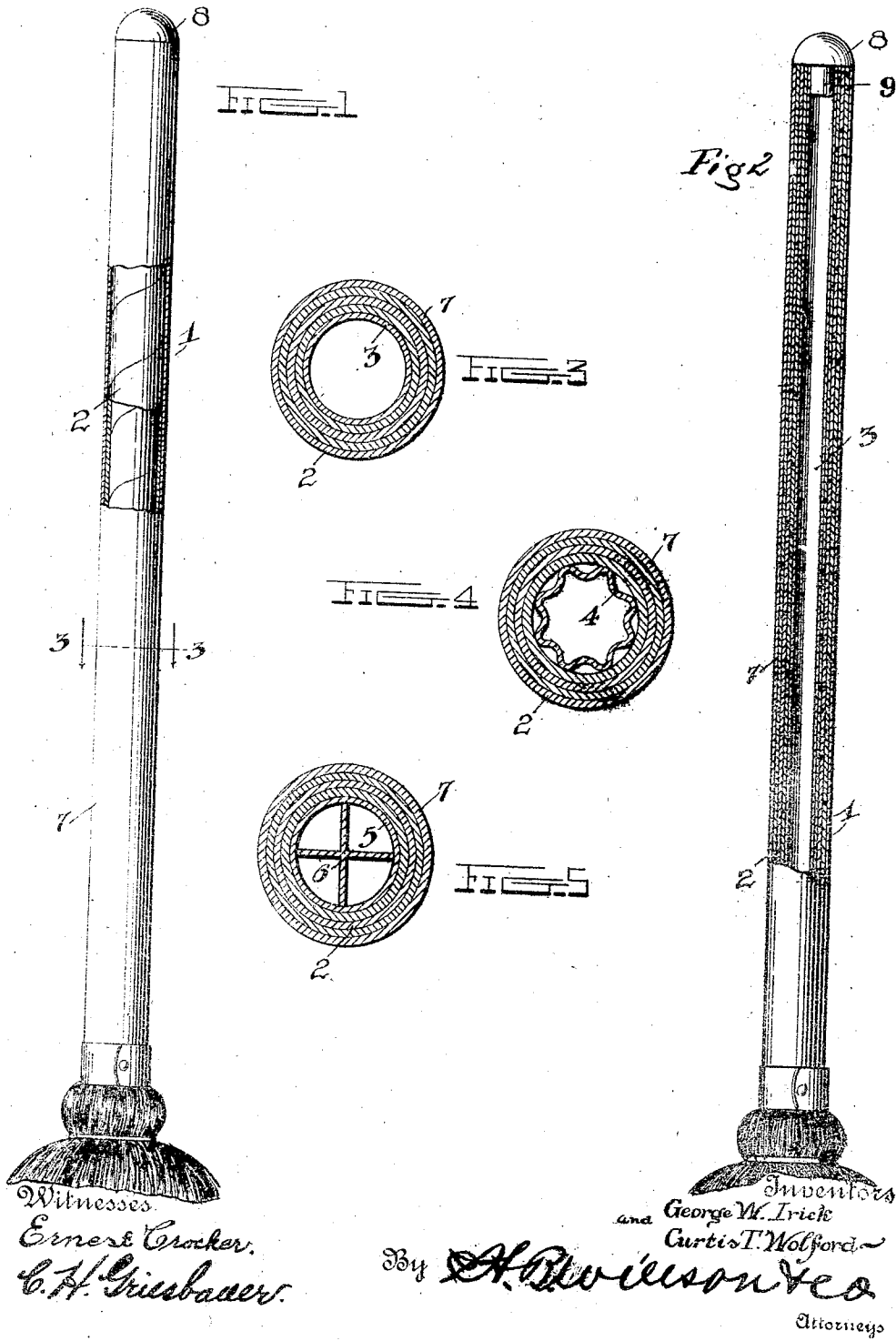


G. W. IRICK & C. T. WOLFORD.
BROOM HANDLE.
APPLICATION FILED JAN. 4, 1909.

986,294.

Patented Mar. 7, 1911.



UNITED STATES PATENT OFFICE.

GEORGE W. IRICK, OF CHICAGO, ILLINOIS, AND CURTIS T. WOLFORD, OF GRAND RAPIDS, MICHIGAN.

BROOM-HANDLE.

986,294.

Specification of Letters Patent.

Patented Mar. 7, 1911.

Application filed January 4, 1909. Serial No. 470,600.

To all whom it may concern:

Be it known that we, GEORGE W. IRICK, a citizen of the United States, residing at Chicago, Cook county, Illinois, and CURTIS T. WOLFORD, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Broom-Handles; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in broom handles.

The object of the invention is to produce a tubular broom handle constructed of paper suitably braced on the inside and finished on the outside.

A further object is to provide a broom handle of this character which will be light in weight, but strong and durable in construction and well adapted to the purposes for which it is designed.

With this and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a side view of a broom having a handle constructed in accordance with the invention, parts of the outer covering of the handle being removed to disclose the structure of the inner portion; Fig. 2 is an enlarged longitudinal sectional view of the same; Fig. 3 is a cross sectional view of a handle showing one form of the brace employed therein to strengthen the same; Fig. 4 is a similar view showing another form of brace; and Fig. 5 is a similar view showing still another form of brace.

Referring more particularly to the drawings, 1 denotes the handle which is formed of a hollow or tubular body portion 2 constructed of paper, and preferably formed

from strips wound spirally upon each other to form a plurality of layers, the joints of the spiral strips of the several layers being arranged to break joint with each other.

Within the spirally wound tube forming the body portion of the handle is arranged a tubular metallic lining 3 which forms a brace to strengthen the handle and to impart rigidity to the same. The tubular metal lining 3 may be of any suitable construction. The same being shown in Figs. 2 and 3 of the drawing as cylindrical in shape, while in Fig. 4 the lining or brace 4 is shown as being formed of corrugated metal, and in Fig. 5 the lining 5 is shown in the form of a cylindrical tube having arranged therein diagonally disposed braces 6. The various forms of metal linings are intended to extend throughout the entire length of the body portion of the handle, thus imparting strength and rigidity thereto, and at the same time providing a light handle construction.

The body portion of the handle is preferably given a coating of silicate or paint or other coating preparation whereby the same is rendered more durable. Over the spirally wound body portion 2 is placed an outer tube or cover 7 which is also formed of paper and extends the entire length of the body portion. The outer end of the covering tube 7 is preferably closed by a button or plug 8 formed of wood or other suitable material, said button having a depending lug 9 which contacts with the inner tubular lining 3 to secure the button in position on the end of the covering 7.

The handle when thus constructed is adapted to be secured to the broom head in any suitable manner, thus providing a light, strong and durable broom handle.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation. Having thus described and ascertained

the nature of our invention, what we claim as new and desire to secure by Letters Patent, is:—

A broom handle comprising a continuous
5 inner tubular metallic lining with strips of
paper wound spirally thereon and on each
other, said strips breaking joints with each
other, an outer tube of paper mounted over
the spiral strips, a button mounted over the
10 ends of the inner tube, spiral strips, and
cover, said button having a depending lug
which is inserted in the inner lining.

In testimony whereof we have hereunto
set our hands in presence of two subscribing
witnesses.

GEORGE W. IRICK.
CURTIS T. WOLFORD.

Witnesses to the signature of G. W. Irick:

FRANCES C. FOLEY,
BEVERLY B. BOWER.

Witnesses to the signature of C. T. Wolford:

CHAUNCEY M. BROWN,
J. JAY WOOD.