

H. A. TWEED.  
Stove-Door Knob.

No. 210,065.

Patented Nov. 19, 1878.

FIGURE 1.

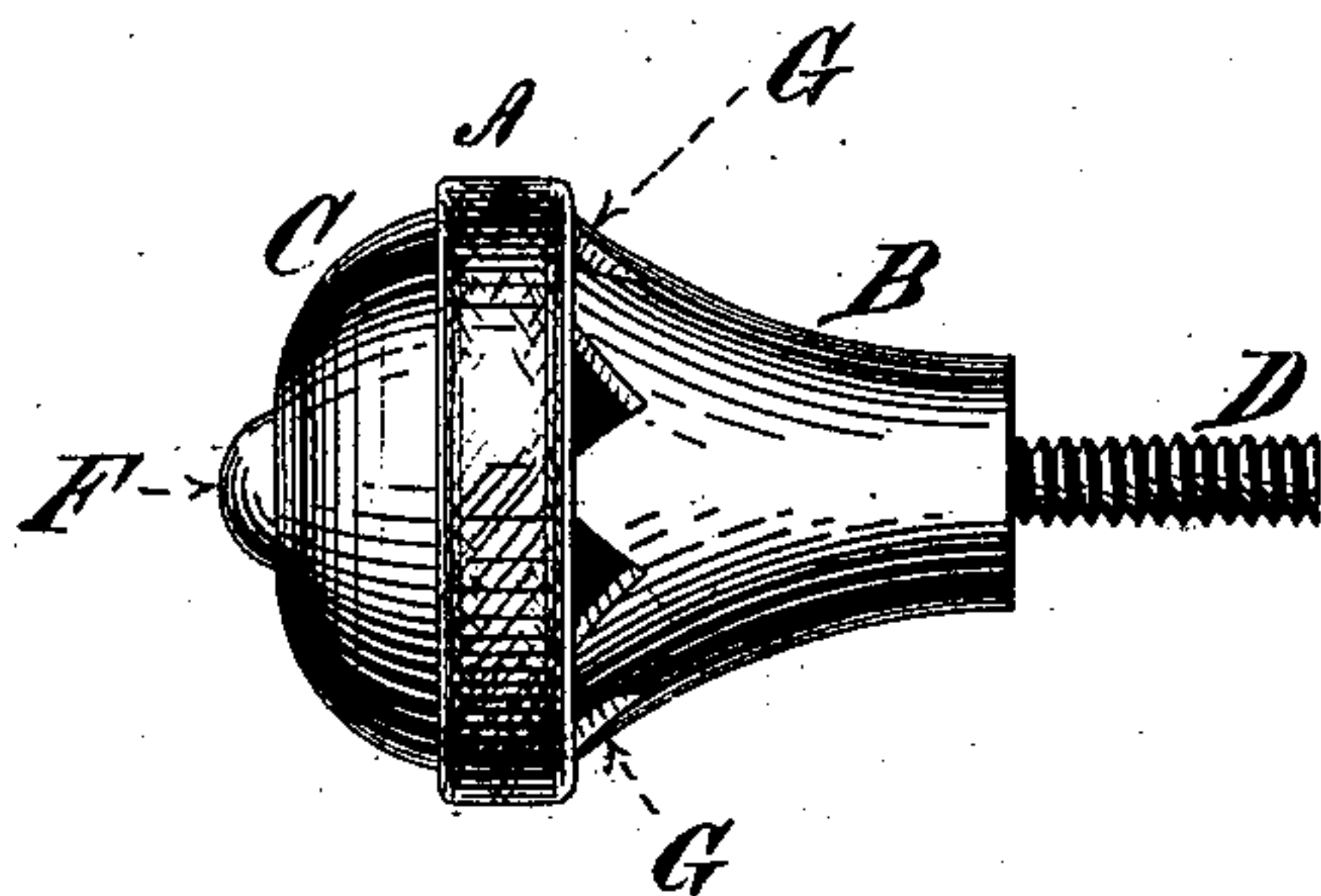
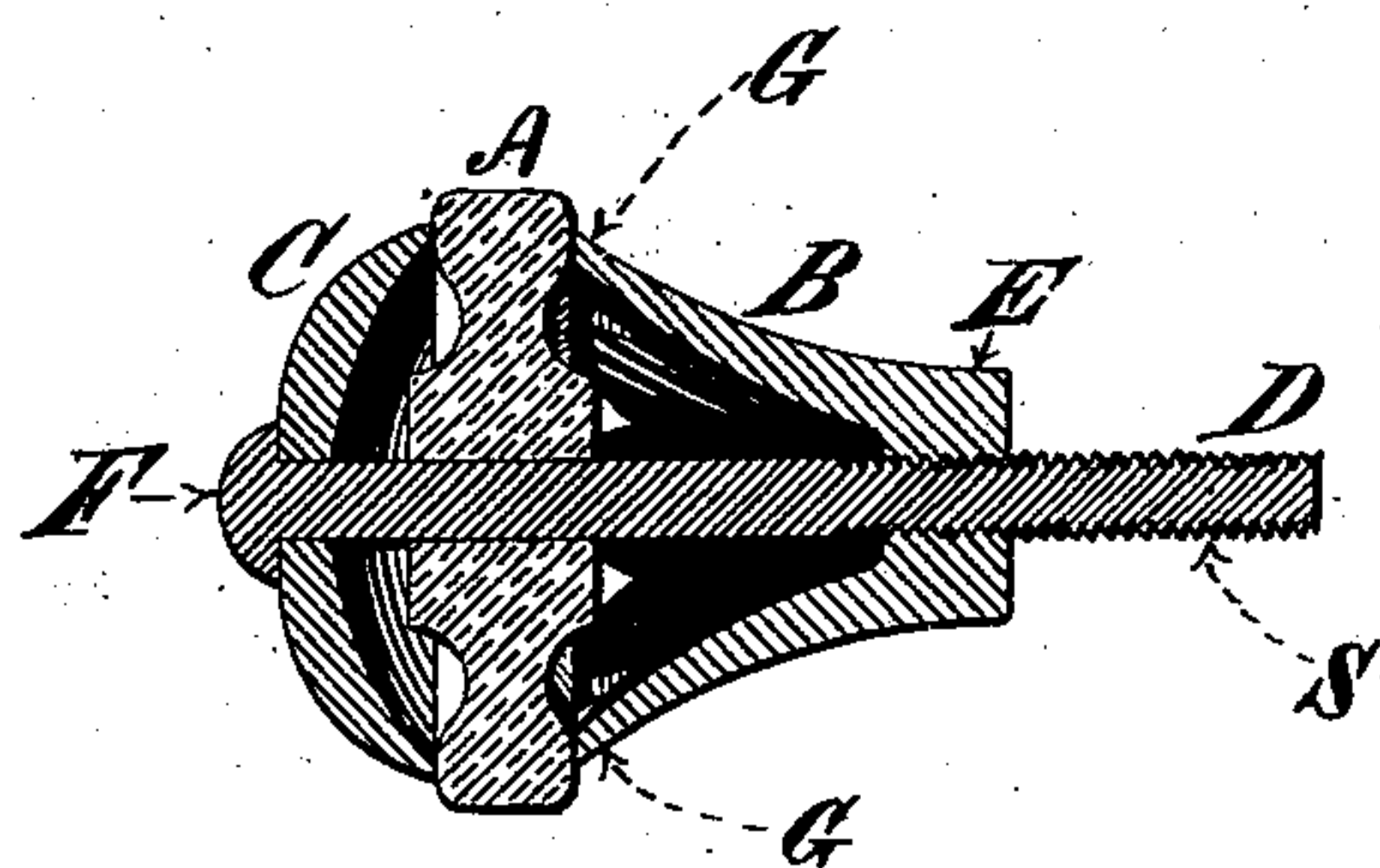


FIGURE 2.



Witnesses:

Geo. H. Miatt  
J. H. Sullivan

Inventor:

Henry A. Tweed/  
By his attorney  
E. N. Dickerson

# UNITED STATES PATENT OFFICE.

HENRY A. TWEED, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN STOVE-DOOR KNOBS.

Specification forming part of Letters Patent No. **210,065**, dated November 19, 1878; application filed March 4, 1878.

*To all whom it may concern:*

Be known that I, HENRY A. TWEED, of the city of Brooklyn, county of Kings, and State of New York, have invented a new and useful Improvement in Stove-Door Knobs, of which the following is a full, true, and exact description, reference being had to the accompanying drawings.

My invention relates to an improvement in knobs for the doors of stoves, or other doors subjected to great heat; and it consists in a convenient mode of clamping a non-combustible insulating material between two stronger metallic bearing-surfaces.

I am aware that stove-door knobs have before now been patented, among others one to Miles W. Gardner, October 11, 1875, No. 168,734; but my knob differs from his in the fact that I use a non-combustible insulating material between the clamping portions of the knob, while Gardner uses a wood insulator, which is quickly destroyed by the heat of the fire and becomes inoperative.

My invention will be clearly seen in the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved knob; Fig. 2, a cross-section of the same.

D represents the bolt of the knob, provided at one end with a button or head, F. Surrounding the bolt D, and bearing against the head F, is the cup-shaped metallic piece C. The cor-

responding cup-shaped metallic piece B is screwed upon a screw-thread, S, by means of the screw-thread E cut through its base.

The cup C need not be used, and the finger-piece A might rest against the knob F instead.

Between these cups C and B is supported the circular disk A, which slides upon the central spindle. This disk A, I prefer to make of porcelain; or other similar non-combustible insulating material might be used.

By means of the screw-thread E the porcelain finger-piece A is firmly clamped in the knob, which knob may afterward be attached to the stove-door by means of a nut screwing on the end screw of the bolt D.

The porcelain finger-piece, in addition to being non-combustible, is also much more durable and cleanly than that of wood.

I do not claim, broadly, an insulating material clamped between two metallic cups; but

I do claim and desire to secure by Letters Patent—

My improved knob, which consists of a metallic cup, C, bearing against a bolt, D, an insulating non-combustible finger-piece, A, and clamp B, provided with a screw-thread, E, screwing on the spindle D, substantially as described.

HENRY A. TWEED.

Witnesses:

S. F. SULLIVAN,  
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