

No. 835,690.

PATENTED NOV. 13, 1906.

C. F. SWENSON.
FLOOR SCRAPER.

APPLICATION FILED OCT. 13, 1905.

Fig. 1.

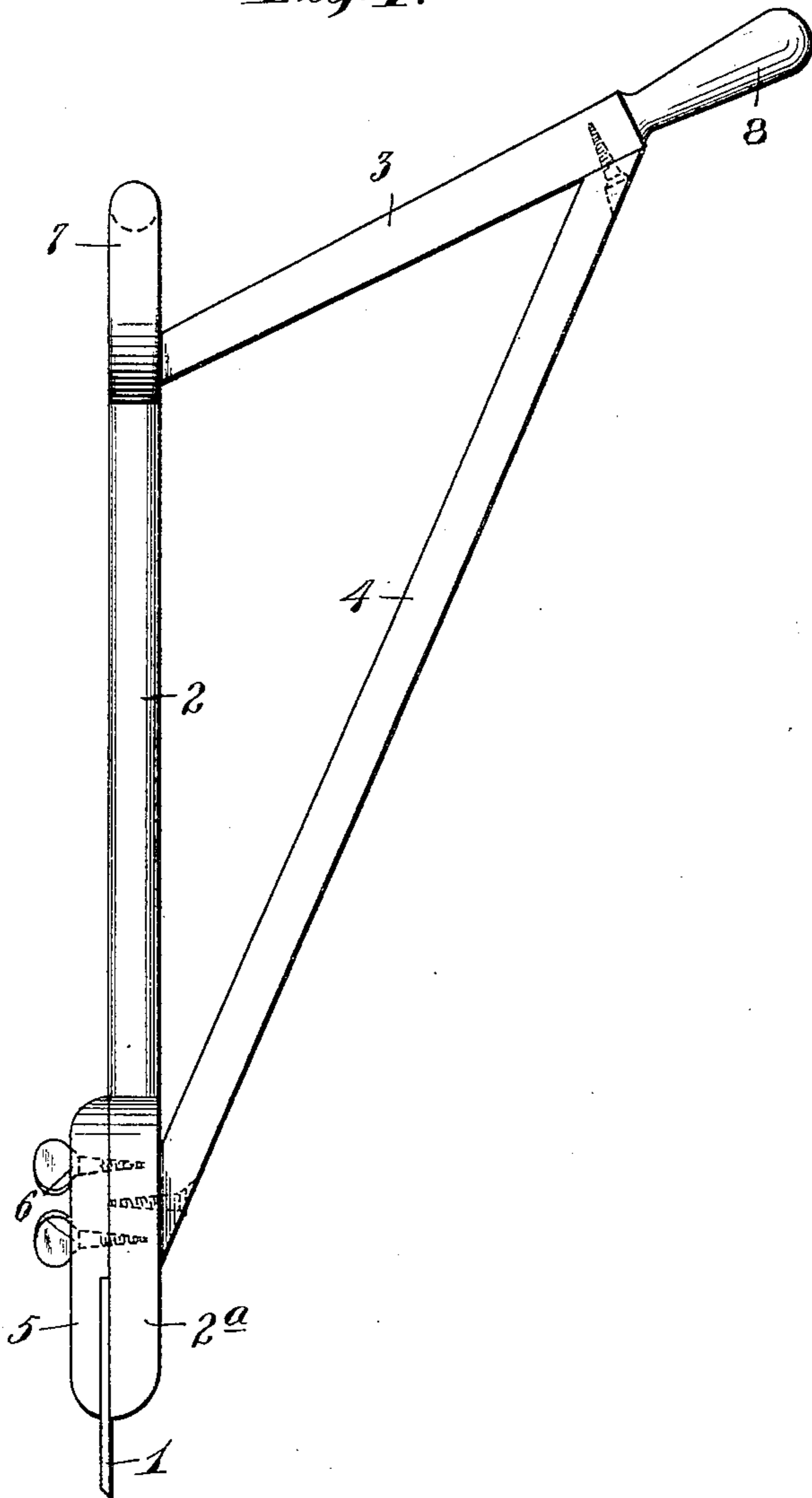
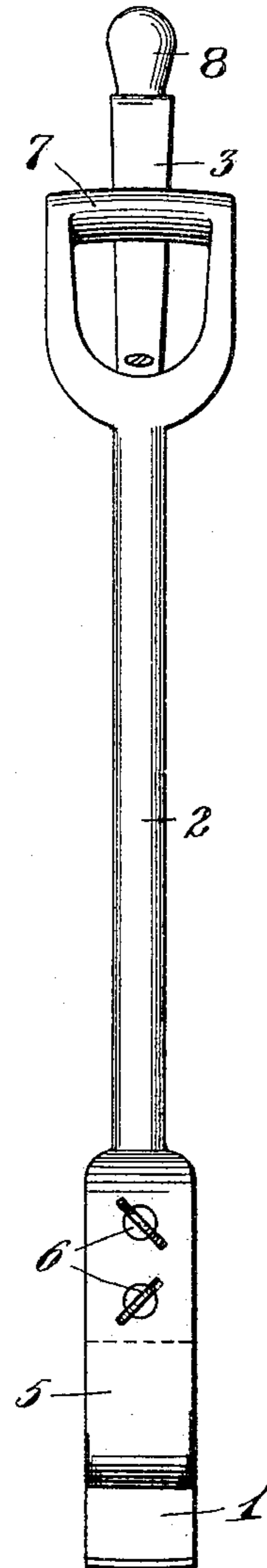


Fig. 2.



Witnesses.

E. W. Jepsen.

A. H. Osahl.

Inventor.

C. F. Swenson.

By his Attorneys.

Williamson Muehler

UNITED STATES PATENT OFFICE.

CHRISTEN FROSTHOLM SWENSON, OF MINNEAPOLIS, MINNESOTA.

FLOOR-SCRAPER.

No. 835,690.

Specification of Letters Patent.

Patented Nov. 13, 1906.

Application filed October 13, 1905. Serial No. 282,575.

To all whom it may concern:

Be it known that I, CHRISTEN FROSTHOLM SWENSON, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Floor-Scrapers; and I do hereby 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.

My invention has for its object to provide an improved floor-scraper adapted for use in scraping or dressing down hard-wood floors and adapted to be used by a person standing in an erect or substantially erect position.

To the above ends the invention consists of the novel construction and arrangement of parts hereinafter described, and defined in the claim.

The invention is illustrated in the accompanying drawings, wherein like characters indicate like parts throughout both views.

Figure 1 is a side elevation of the improved scraper, and Fig. 2 is a front elevation of the same.

As a holder for the steel scraper-blade 1 I provide an approximately triangular frame made up of three bars 2, 3, and 4, which parts are rigidly connected by screws or other suitable devices. The bar 2 at its lower end projects and is flattened at 2^a to form one part of a clamp for direct engagement with the blade 1. The removable part 5 of the blade-clamp is secured to the clamp portion 2^a and is clamped onto the blade 1 by screws 6 or

other suitable devices. At its upper end the bar 2 projects and is formed with a spade-like handle or bail-like handpiece 7. The outer end of the bar 3 projects and is reduced to form a handpiece 8.

In the use of the improved device the handpiece 7 is taken in one hand and the handpiece 8 is taken in the other hand. The blade 1 may then be forced over the floor, and in accomplishing this very great force may be applied to the blade. The two handpieces located at distant points and at different corners of the triangle referred to afford a leverage action in forcing the scraper over the floor.

In actual practice the improved scraper above described has proven extremely satisfactory for the purposes had in view.

I claim—

In a floor-scraper, a triangular frame made up of the bars 2, 3, and 4, said bar 3 having at its projecting end a handpiece 8, and said bar 2 having at its upper end a handpiece 7, and having at its lower end a two-part clamp 2^a 5, and means for clamping the said two parts together, a scraper-blade 1 detachably held between the said two clamping parts 2^a 5, and the lower end of said bar 4 being secured to the clamping part 2^a. substantially as described.

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

CHRISTEN FROSTHOLM SWENSON.

Witnesses:

MALIE HOEL,
F. D. MERCHANT.