No. 725,480. PATENTED APR. 14, 1903.

J. R. PRICE.

FLOOR AND HARDWOOD SCRAPER.

APPLICATION FILED DEC. 8, 1902.

NO MODEL.

Fig. 1.

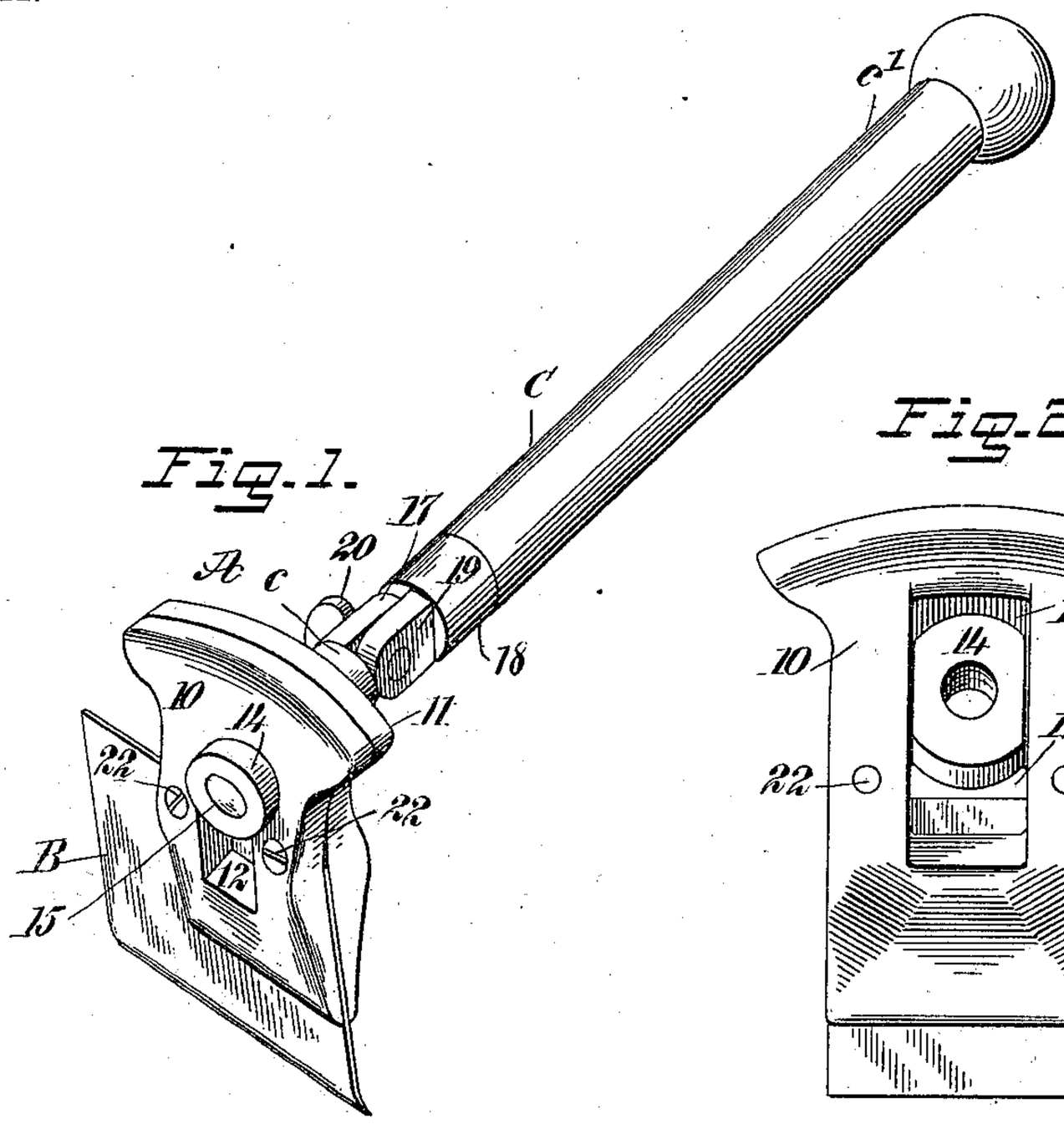

Fig. 2.

Fig. 3.

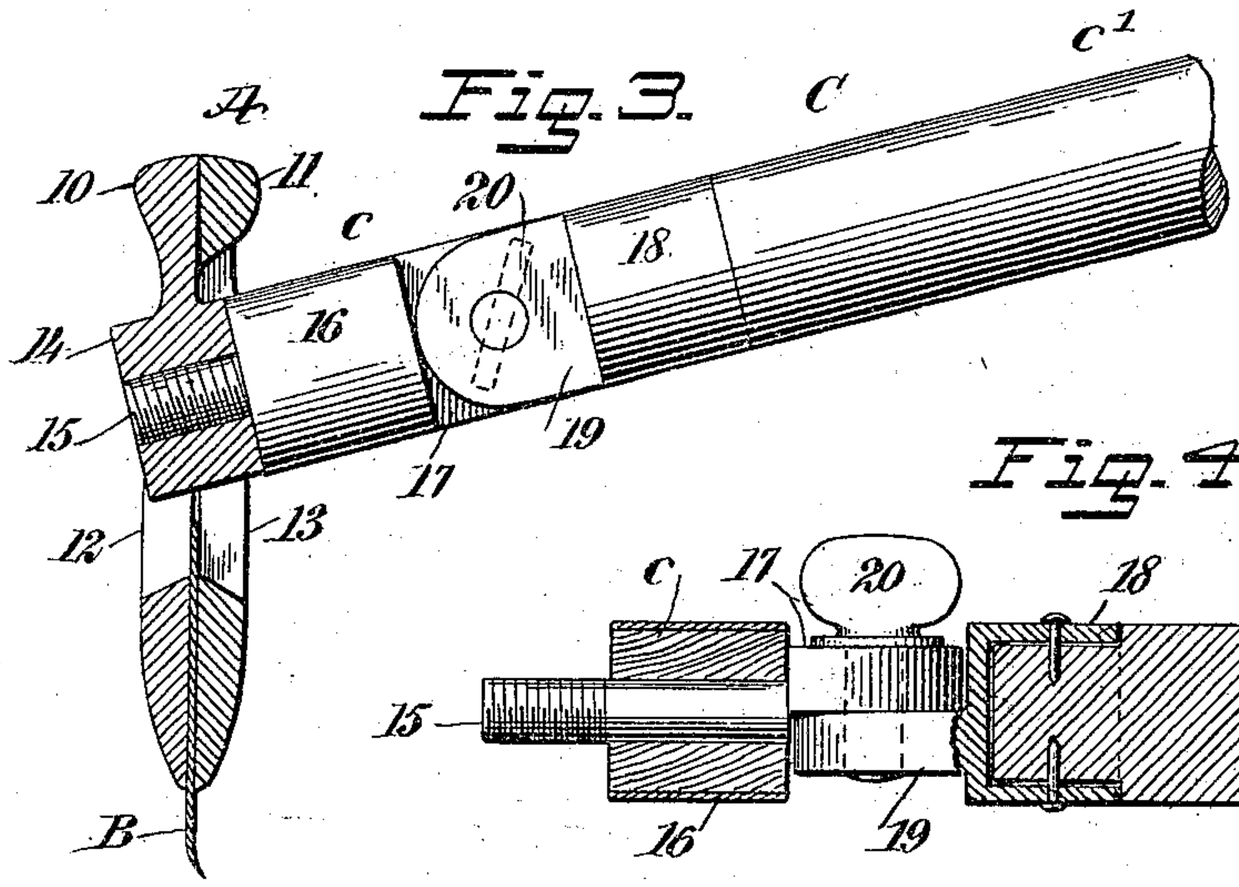

Fig. 4.

WITNESSES:

James F. Duhamel

Fredk. Fredericks

INVENTOR

John R. Price

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN R. PRICE, OF FOND DU LAC, WISCONSIN.

FLOOR AND HARDWOOD SCRAPER.

SPECIFICATION forming part of Letters Patent No. 725,480, dated April 14, 1903.

Application filed December 8, 1902. Serial No. 134,327. (No model.)

To all whom it may concern:

Be it known that I, JOHN R. PRICE, a citizen of the United States, and a resident of Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have invented a new and Improved Floor and Hardwood Scraper, of which the following is a full, clear, and exact description.

My invention relates to a scraper especially adapted for use in connection with floors of hard wood wherever employed; and the purpose of the invention is to so construct the scraper that it will be simple, durable, and economic, will preserve the fingers from injury, and can be efficiently used in corners and upon moldings without removing the handle.

A further purpose of the invention is to provide a scraper of the character mentioned which in operation is drawn toward the operator instead of being pushed forward, as is customary, whereby the power is better applied and the operator works from the finished surface, thus preventing injury thereto and enabling the operator to readily see whether or not the work is even and perfect.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of the improved scraper. Fig. 2 is a front elevation of the same, the handle being removed. Fig. 3 is a vertical section through the body of the scraper, the handle appearing in side elevation; and Fig. 4 is a longitudinal section through a portion of the handle.

In the construction of the device the body A consists of a face-plate 10 and a back plate 11, and these two plates are adapted to hold between them a scraper-blade B. Each body-plate 10 and 11 is made more or less tapering at the lower portion of its outer surface, and the inner or opposing surfaces of the said body-plates are flat or straight in order that the scraper-blade B may be firmly gripped between them.

As is best shown in Fig. 3, each body-plate 10 and 11 is provided with a central slot, (designated, respectively, as 12 and 13,) and within the slot 12 of the front plate 10 an interiorly-threaded sleeve 14 is produced, which has an upward and rearward inclination and extends within the slot 13 of the rear plate 11. The sleeve 14 receives a forward screw extension 15 from the handle C. This handle is made in two sections—namely, a short forward section *c* and a longer rear or main section *c'*. The forward section *c* is provided adjacent to the screw extension 15 with a ferrule 16 and with an ear 17, which extends rearwardly from one side of the center of the rear end of the section *c*, as is best shown in Fig. 4.

The main or longer section *c'* of the handle C is provided at its forward end preferably with a ferrule 18 and with an ear 19, integral with the ferrule, which latter may be of any desired shape, said ear being adapted to register with the ear 17 of the shorter handle-section *c*, and a set-screw 20 is passed through these two ears 17 and 19, so that the main section *c* of the handle may be placed and secured at any desired angle to the forward or shorter section *c*. The ear 17 of the shorter section *c* of the handle C is preferably integral with or is attached to the forward screw extension 15, as is also shown in Figs. 1 and 2. The scraper-blade B is flat upon its rear face at its bottom or scraping edge and at the said edge is beveled upon its forward face, as is shown in Fig. 1, and the beveled edge is then rearwardly bent or turned, as shown in Figs. 1 and 3, in order to render the edge more effective for scraping purposes.

The scraper-blade is held between the two body-plates by screws 22, preferably passed through the body-plates above the scraper-blade, and the scraper-blade B is preferably set flush at one end with one side of the body and extends some distance beyond the opposite side, as is shown in Fig. 1. This extension of the scraper-blade is provided in order that the blade can be carried conveniently into corners or be made to operate upon moldings without the necessity of removing the handle.

In the operation of this scraper it is drawn toward the operator, thus enabling a much better purchase to be obtained upon the ma-

terial to be scraped and enabling the operator to more conveniently carry out the work. It is obvious, as has been stated, that when the scraper is operated toward the operator the cleaned surface need not be traveled over or disturbed in the process of scraping and that the operator will always have the cleaned work in full view. The handle C need not necessarily be made very long and may be made of any suitable or approved material.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. A scraper consisting of a body comprising two clamping-plates, a scraper-blade held between the clamping-plates of the body, and a handle connected with the clamping-plates of the body and having an upward and rearward inclination, the said handle being in adjustable sections, the forward one of said sections having a reduced threaded portion for engaging the scraper and an ear, the rear section having a ferrule on its lower end provided with an ear adapted to coöperate with the ear of said forward section, for the purpose described.

2. A scraper consisting of two clamping body-plates, means for securing the two said plates together, a scraper-blade held between the clamping-plates, being substantially flush with one side and extending beyond the opposing side and provided with a rearwardly-turned cutting edge, and a handle constructed in two adjustable sections, the forward one of said sections having connection with the clamping-plates of the scraper and extending at an upward and rearward inclination therefrom, and provided at its rear end with an ear, the rear one of said sections having a ferrule on its forward end, provided with an ear adapted to coöperate with the ear of said forward section, and a thumb-screw for clamping said ears into rigid engagement with each other, as specified.

3. A scraper consisting of two body-plates having their inner or opposing faces straight and having their lower portions beveled at their outer faces, means for securing the two body-plates together, each body-plate being provided with a central slot, a sleeve forming a portion of the forward body-plate at the slot therein and extending upwardly and rearwardly through the slot of the rear body-plate, a scraper-blade held between the two body-plates, the said scraper-blade being substantially flush with one side edge of the body-plates and extending beyond the opposite side edge of said plates, the lower portion of the scraper-blade being beveled at its forward face and straight at its rear face, and a handle constructed in adjustable sections, the lower section of which handle is removably located in the sleeve of the said forward body-plate, as and for the purpose set forth.

4. A scraper, consisting of two body-plates, and means for securing the same together, each body-plate being provided with a central slot, a sleeve forming a portion of the forward body-plate at the slot therein, and extending rearwardly through the slot of the rear body-plate, a scraper-blade held between the two body-plates, and a handle removably attached to the sleeve of the said forward body-plate, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN R. PRICE.

Witnesses:
M. T. SIMMONS,
J. B. PERKINS.