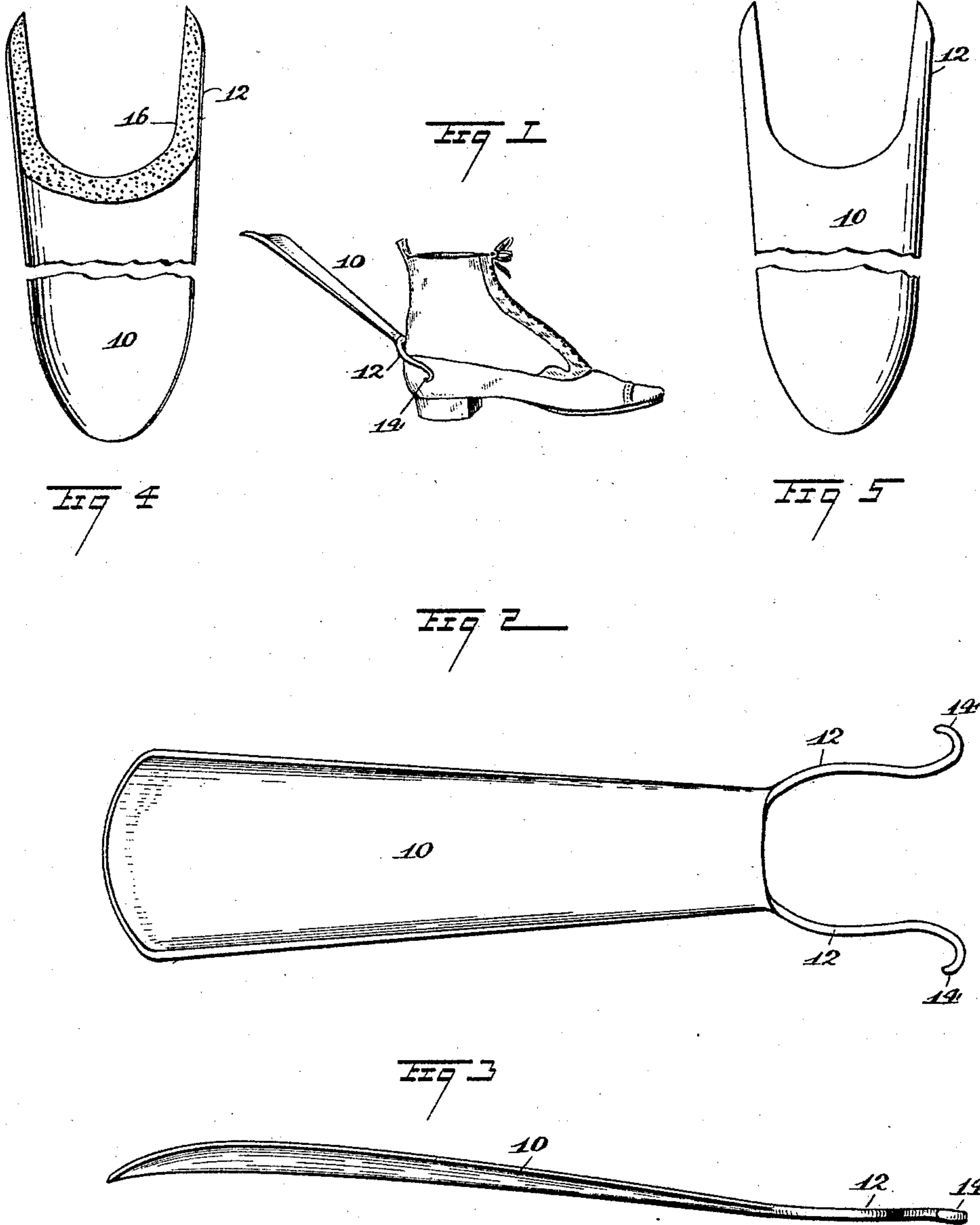


(No Model.)

K. M. TATA.
SHOE HORN.

No. 460,045.

Patented Sept. 22, 1891.



WITNESSES:

H. Walker
C. Sedgwick

INVENTOR:

K. M. Tata
BY Munn & Co

ATTORNEYS

UNITED STATES PATENT OFFICE.

KHURSED M. TATA, OF NAVSARI, NEAR BOMBAY, INDIA.

SHOE-HORN.

SPECIFICATION forming part of Letters Patent No. 460,045, dated September 22, 1891.

Application filed December 19, 1890. Serial No. 375,180. (No model.)

To all whom it may concern:

Be it known that I, KHURSED M. TATA, a subject of the Queen of Great Britain, residing at Navsari, near Bombay, India, have invented a new and useful Improvement in Shoe-Horns, of which the following is a full, clear, and exact description.

My invention relates to shoe-horns, and has for its object to provide a horn that will be adapted for use in easing the passage of the foot into the shoe and for removing a boot or shoe from the foot.

My invention consists in the novel construction of the horn, as will be hereinafter described and claimed.

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

Figure 1 is a perspective view showing my improved horn applied for removing the shoe from the foot. Fig. 2 is a plan view of the horn. Fig. 3 is a side view, and Figs. 4 and 5 are modifications.

In the drawings, 10 represents the body or plate of a horn, having the usual curved form to receive and pass the heel of the foot into the shoe. At the end of the horn usually grasped by the hand in putting on a shoe are secured arms 12, which project in the same longitudinal plane as the plate 10. Said arms are curved outward and backward from the plate to conform in shape to the form of the heel portion of the shoe-upper and have their free ends turned outward and returned to form on each arm a hook or open eye 14, which may be used for buttoning shoes, as well as for hanging up the horn when out of use.

I prefer to make the arms 12 of spring metal and secure them to the body of the horn by rivets or in any other suitable manner.

In Figs. 4 and 5 I have shown modifications in which the arms 12 are made integral with the body 10, so that the entire horn may, for economy of manufacture, be stamped out in one operation.

The arms 12 may be provided with a covering of soft material 16, as shown in Fig. 4, for protecting the leather of the shoe.

For removing the boot or shoe from the foot the arms 12 are passed over the heel portion of the boot or shoe upper and held at a slight upward inclination. Pressure is then applied, forcing the shoe from the foot.

By the use of my improved horn the removal of a boot or shoe from the foot is accomplished without the direct application of the hand, thus avoiding soiling of the hands and marring of the polish.

The horn shown in Fig. 4 may be used for placing the shoe on the foot, as it will be found easier to withdraw the horn from the shoe in consequence of the space between the said arms.

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

1. A combined shoe horn and jack consisting in the concave body or horn 10, forming a horn at one end and having heel-grasping arms projecting from its other end to form a jack, substantially as set forth.

2. A shoe-horn having arms adapted to clasp the heel portion of a shoe-upper, said arms having hooks on their ends, as and for the purpose set forth.

KHURSED M. TATA.

Witnesses:

BEJAN DADABHAI,
FREEROOZ KAIKAOOS.