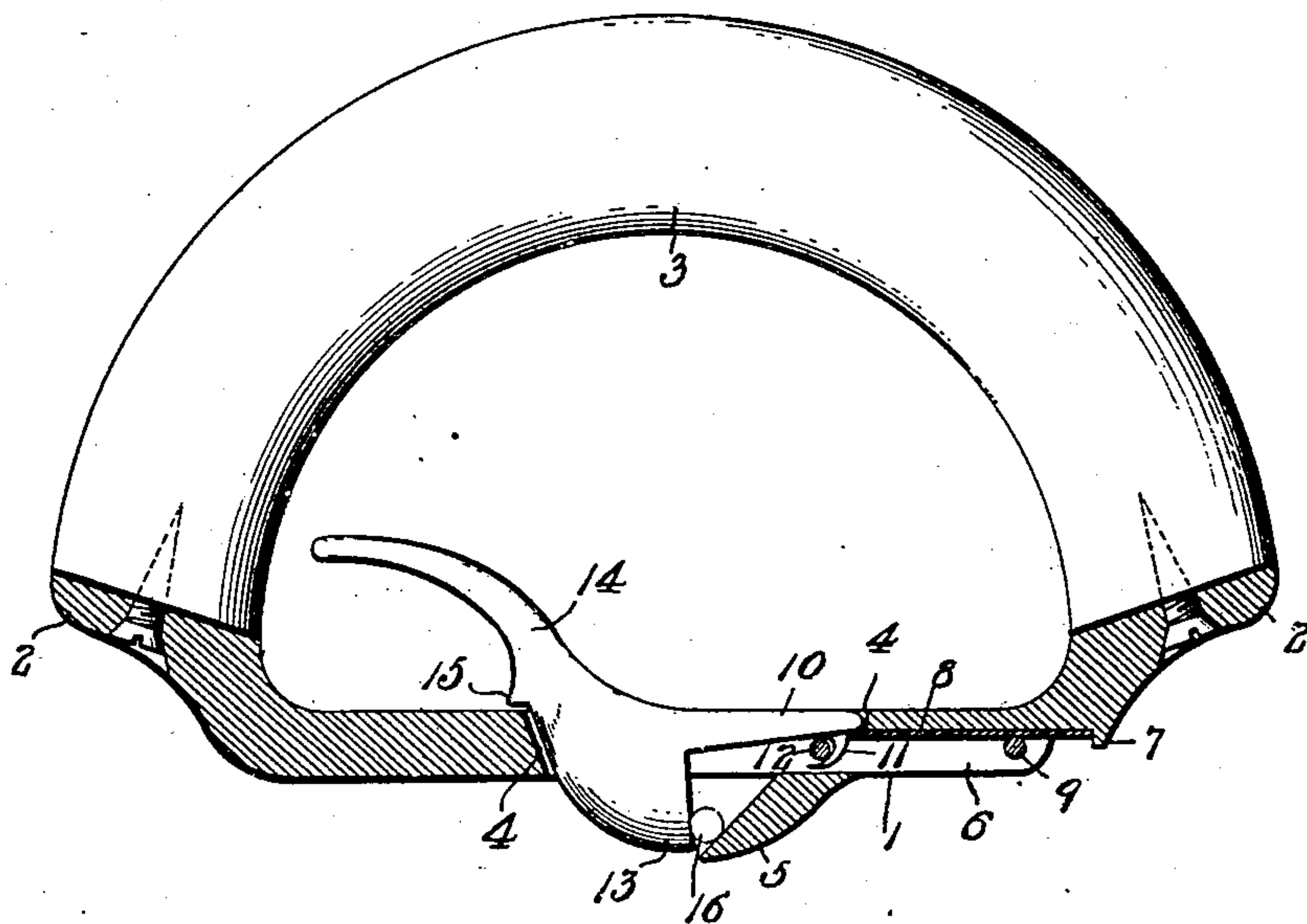


No. 865,328.

PATENTED SEPT. 3, 1907.

W. G. BOUGHTON.
SAD IRON HANDLE.
APPLICATION FILED APR. 6, 1906.



WITNESSES:

E. J. Stewart
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UNITED STATES PATENT OFFICE.

WILLIAM G. BOUGHTON, OF CLEVELAND, OHIO, ASSIGNOR TO FRED HOEHN, OF CLIFTON PARK, OHIO.

SAD-IRON HANDLE.

No. 865,328.

Specification of Letters Patent.

Patented Sept. 3, 1907.

Application filed April 5, 1906. Serial No. 310,109.

To all whom it may concern:

Be it known that I, WILLIAM G. BOUGHTON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented a
5 new and useful Sad-Iron Handle, of which the following is a specification.

This invention relates to detachable handles for sad irons and its object is to simplify the construction of devices of this character and at the same time render
10 them more durable and easier to operate.

With the above and other objects in view the invention consists of a base the ends of which are secured to the grip of the handle and support it in such a manner as to allow air to freely circulate under said ends, there-
15 by preventing the wood of the grip from becoming overheated. A latch is provided which is very compact in form and is normally retained in operative position by a small and durable spring mounted in a manner novel in devices of this character.

The invention also consists of certain other novel features of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims.

In the accompanying drawing is shown the preferred
25 form of the invention.

Figure 1 is a longitudinal section through the base of the handle, the grip and latch being shown in elevation; and Fig. 2 is a bottom plan view of the device.

Referring to the figures by numerals of reference, 1 is
30 a base the ends 2 of which extend upward and outward and support and are secured to the ends of a curved wooden grip 3. A slot 4 is formed in the base adjacent the center thereof and depending from the slotted portion of the base is an inclined lip 5. A groove 6 is
35 formed longitudinally within the bottom of the base from one end thereof to the slot 4 and a lug 7 depends from the base near the outer end of the groove. A spring strip 8 abuts against the lug and extends over a cross pin 9 arranged transversely within groove 6, said
40 pin serving to retain the strip upon the inner or top wall of the groove. The free end of strip 8 projects into slot 4 and under one end of a shank 10 having a hook 11 extending therefrom and embracing a pivot pin 12 in slot 4. This pivot pin is disposed close to the base of

lip 5 and the shank 10 is integral with and extends from
45 a latch 13 which extends down to the end of the lip. The latch is movably mounted in slot 4 and has a stem 14 projecting upward therefrom close to the grip and constituting an operating handle. A shoulder 15 is
50 formed upon the latch for overlapping one end wall of slot 4 and limiting the downward movement of the latch.

A device constructed as herein described possesses a number of advantages over similar handles heretofore devised. In the first place the spring is held in place
55 without screws or other securing means which weaken it. Then too the spring is out of view below the base and exerts an upward pressure on the shank of the latch. It is therefore possible to use a comparatively short spring and the latch can be pivoted close to lip 5. As a
60 result a greater curve is described by the latch while being raised than where its pivot is far removed from the lip, and therefore the device can be better adjusted to irregular sizes and also binds more rigidly upon the
65 bar 16 in the body of the iron.

What is claimed is:—

In a handle for sad irons the combination with a longitudinally grooved base having a slot therethrough at one end of the groove, a depending lip extending transversely of the groove and adjacent the slot, and a stop projection adjacent the other end of the groove; of a pivot pin extending transversely within the slot, a latch, a shouldered stem projecting therefrom and normally bearing on the base, a shank extending from the other end of the latch and normally seated within the slot, a hook
70 depending from the shank at a point between the ends thereof and engaging the pivot pin, a spring strip within the groove and contacting therewith throughout the length thereof, one end of said strip bearing against the stop projection and the other end bearing against the hook and
75 the adjoining portion of the shank, and a pin extending transversely of the groove for holding the spring strip against one wall of the groove, said hook, stop projection and pin being disposed to prevent displacement of the
80 spring strip.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM G. BOUGHTON.

Witnesses:

LEON C. NOBLE,
ALMA H. WILDER.