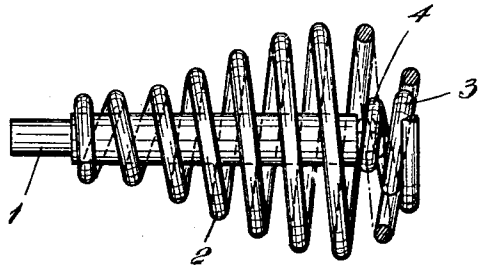
March 11, 1930. E. A. BOLINDER 1,749,752

HANDLE

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E. A. Bolinder
INVENTOR

By: Marks & Clark
ATTYS.

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UNITED STATES PATENT OFFICE

ERIK AUGUST BOLINDER, OF STOCKHOLM, SWEDEN

HANDLE

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As is well known, handles adapted for range doors and the like must be insulated in some way or another, in order to prevent or to reduce the transfer of heat to the portion of the handle grasped by the hand. This insulation has been effected in a suitable way by making the handle in the form of a helically wound wire attached to a spindle.

Such a handle is well adapted to keep the heat away from the outer portion of the handle, but the spindle of the handle, which is secured directly in the door or the like, will, under all circumstances, be highly heated and the outer end of the spindle may then also be heated so as to burn if it coincides with the outer end of the handle, as has, generally, been the case hitherto.

This disadvantage is removed by the arrangement provided according to the present invention, which substantially is characterized by the fact that the outer end portion of the handle is of such a shape that the outer end of the spindle connected with the end portion of the handle terminates inwardly of the outer end of the handle.

With respect to helically wound handles, as stated above, the arrangement according to the invention is carried into effect in a simple manner, in that the wire coils forming the outer end portion of the handle do not extend as an outward continuation of the other coils but, instead, are turned in an inward direction, the outer end of the spindle being attached to the inturned coils. Therefore, the hand by which the handle is grasped can not contact with the end of the spindle.

In the accompanying drawing the figure is a side elevation illustrating the arrangement as applied to a helically wound handle.

The handle consists, first, of the spindle 1 secured, for instance, in the door of a kitchen range, and, second, of the helically wound wire 2 which is attached with its inner end to the spindle in any suitable manner. The outer end portion of the handle is wound so that the coils 3 and 4 are directed inwardly instead of as a continuation of the part 2 and innermost coil 4 is secured to the outer end of the spindle at a point within the handle so that it is protected against coming into contact with the hand.

What I claim is:—

A handle for range doors and the like, including a spindle and a wire member surrounding the spindle and having the body portion thereof in the form of a helix, and the terminal coils of the helix being extended inwardly within the body portion and attached to the outer end of the spindle said outer end of the spindle terminating within the body portion to prevent contact of the hand therewith when the handle is grasped.

In testimony whereof I affix my signature.

ERIK AUGUST BOLINDER.