

(No Model.)

W. KRAUSE.

DEVICE FOR REMOVING CLOTHES FROM BOILING WATER.

No. 586,607.

Patented July 20, 1897.

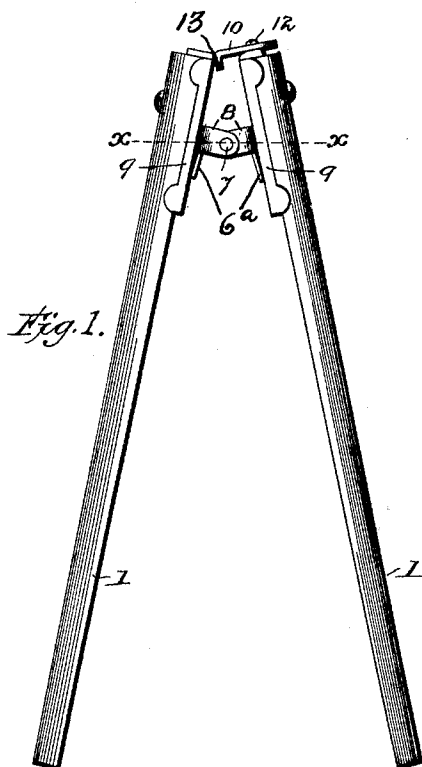


Fig. 1.

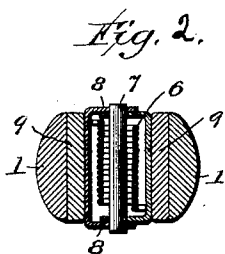


Fig. 2.

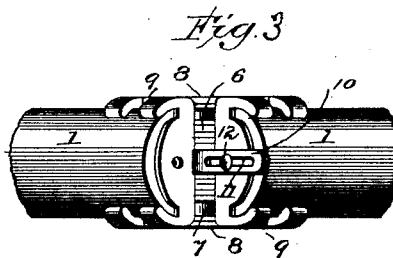


Fig. 3.

Witnesses
John Enders, Jr.
K. A. Krause

Inventor
William Krause
By John Hedderburn
his Attorney

UNITED STATES PATENT OFFICE.

WILLIAM KRAUSE, OF ADAMS, MASSACHUSETTS.

DEVICE FOR REMOVING CLOTHES FROM BOILING WATER.

SPECIFICATION forming part of Letters Patent No. 586,607, dated July 20, 1897.

Application filed May 16, 1896. Serial No. 591,784. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM KRAUSE, a citizen of the United States, residing at Adams, in the county of Berkshire and State of Massachusetts, have invented certain new and useful Improvements in Devices for Removing Clothes from Boiling Water; 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 relates to improvements in devices for removing clothes from boilers; and the same consists of the constructions, combinations, and arrangement of parts which will be hereinafter more fully described and claimed.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of my device. Fig. 2 is a section on the line *x x* of Fig. 1, and Fig. 3 is a top plan view of the same.

Like reference-numerals indicate like parts in the different views.

My device is made up of two gripping-arms 1 1, which are connected together by a pivoted shaft 7, the said shaft passing through ears or projections 8 8 upon metal plates 9, secured to the upper ends of the arms 1. A spiral spring 6 surrounds the pivoted shaft, and the lower projecting ends 6^a of the spiral spring engage the plates upon the inner surface of the arms 1 and tend to throw the same normally outward. At the top of one of the arms 1 I secure a stop 10, which is formed with an elongated slot 11 therein and is adjustably held in place by means of a screw 12. The said stop 10 consists, essentially, of a plate having a flange 13 upon one end thereof, which is adapted to engage the inner surface of the plate 9 on the opposite arm 1 to

that to which said stop is connected. By loosening the screw 12 in the slot 11 and shifting the plate upon the end of the arm 1 in which said screw fits the outward movement 45 of the arms 1 may be regulated.

By the invention as described it will be seen that clothes may be readily removed from boiling water by inserting the lower ends of the gripping-arms 1 1 into the boiler, 50 grasping the clothes thereby, and removing the same in the usual manner. This can be done with one hand, as the arms 1 are normally held in an outward position. The extent of the movement in an outward direction 55 of the arms 1 1 may be adjusted by means of the stop 10 on the upper end of said arm.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is— 60

The herein-described device for removing clothes from boiling water, which consists of a pair of arms made of suitable material, plates secured to the upper ends of said arms, having laterally-projecting ears thereon, a 65 rod or shaft passing through said ears upon which said arms are pivoted, a coiled spring surrounding said rod or shaft and normally urging the lower ends of said arms outwardly and an adjustable stop on the upper end of 70 one of said arms, made up of a plate having an elongated slot therein and a screw passing through the said slot, substantially as and for the purpose set forth.

In testimony whereof I have signed this 75 specification in the presence of two subscribing witnesses.

WILLIAM KRAUSE.

Witnesses:

JOHN J. DALY,
ALBERT W. JONES.