Nov. 9, 1926. 1,606,065

C. M. EVELETH

CORD RETRIEVER

Filed Feb. 24, 1923

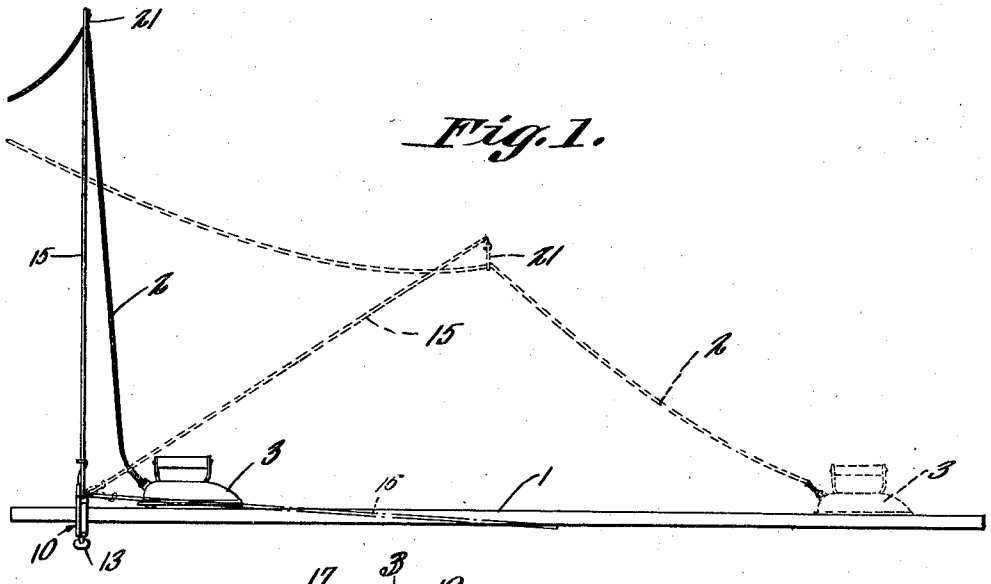


Fig. 1.

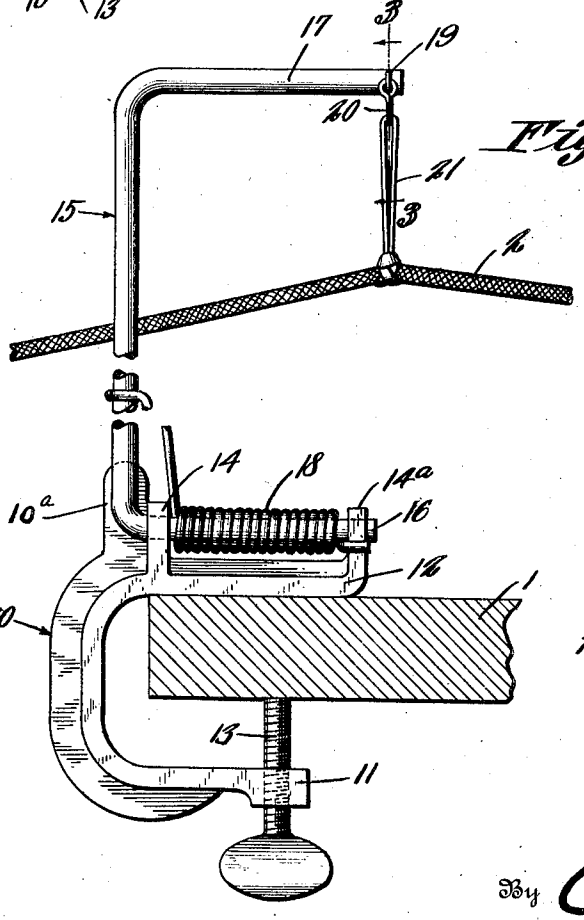


Fig. 2.

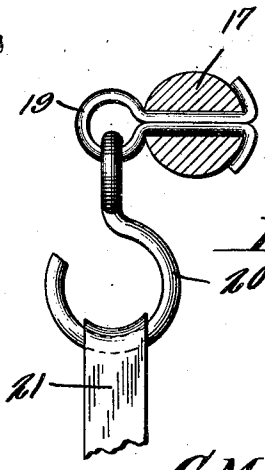


Fig. 3.

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UNITED STATES PATENT OFFICE.

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CORD RETRIEVER.

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This invention relates to cord holders or retrievers for electric sad irons and the like.

The object of the invention is to provide novel means whereby the electrical conductor, gas tube or the like forming a part of the heating means for a flat iron or other appliance may be retracted, and kept out of the way of the operator whilst the operator is handling the appliance.

Another object is to provide simple and efficient means of this character which may be readily applied to an ironing board and when not in use may be folded down and held out of the way.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed may be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings:—

Figure 1 represents a side elevation of an ironing board of this improved retriever shown applied, the dotted line position representing the iron in use, and the full line position the iron ready for use.

Fig. 2 is an enlarged transverse sectional view of a portion of an ironing board with this improved retriever shown applied, parts being broken out for convenience in illustration, and

Fig. 3 is a detail sectional view taken on the line 3—3 of Fig. 2.

In the embodiment illustrated, the retriever is shown applied to an ironing board 1 which may be supported in any suitable manner.

The device constituting this invention comprises a clamp 10, the jaws 11 and 12 of which are designed to straddle one side edge of the board 1, being preferably located near the rear end thereof and secured in position thereon by a clamping screw 13. Apertured lugs 14 and 14ª are carried by the upper jaw 12 and form bearings in which is journaled a laterally extending arm 16 of a rod 15 whereby the rod is mounted for swinging movement on the clamp and is held yieldably in upright position by a coiled spring 18 wound on the arm 16 and having one end secured to the clamp and the other to the rod as is shown clearly in Fig. 2. A lug 10ª extends upward from the base of arm 12 in the path of rod 15 to limit its swinging movement in one direction.

The rod 15 may be of any desired length and at its free end has an arm 17 extending laterally in the same direction as the journaled arm 16 and which is equipped with an eye 19 in which is swingably mounted a hook 20. A rubber band or other suitable device 21 is designed to be looped around the conductor cord 2 and to be suspended from the hook 20 as is shown clearly in Figs. 2 and 3.

The conductor cord 2 is here shown engaged with a flat iron 3, the purpose for which it is primarily intended, although obviously it may be connected with any other electrical appliance.

When the iron 3 is advanced along the ironing board 1, the arm or rod 15 will swing downwardly into the dotted line position shown in Fig. 1 against the tension of the spring 18. When this iron is retracted along the ironing board toward the clamp 10, the spring 18 will react and elevate the rod 15 into the full line position shown in Fig. 1 and the cord 2 will thus be carried by the arm 15 and kept out of the way of the operator. The construction and operation of the device is such that a person may carry out the operation of ironing without paying any attention to the cord 2, thus avoiding the inconvenience and annoyance occasioned when attention must be given to the electrical conductor of the iron.

When the board is not in use, the clamping screw 13 may be loosened and the clamp 10 moved laterally to disengage the board 1, whereupon the rod 15 may be swung downwardly and the arm 17 at the free end thereof slipped under the board as shown in dotted lines in Figure 1. The clamp 10 may now be replaced and the screw 13 tightened with the result that the spring 18 exerting an upward pressure on the rod 15 will hold the rod in an out-of-the-way position.

Various changes in the form, shape, proportion and other minor details of construction may be made within the scope of what is claimed without departing from the principle or sacrificing any of the advantages of the claimed invention.

I claim:—

A cord retriever for electric sad irons comprising a clamp having means for con-

necting it to a support, a bearing carried by said clamp, a rod having lateral arms at its opposite ends extending in the same direction, one of which is journaled in said bearing and the other adapted to be put under the edge of the ironing board when not in use to hold the rod out of the way without necessitating the removal thereof, a coiled spring wound on the journaled arm and having one end secured to the clamp and the other to the rod whereby the rod is mounted for swingable, yieldable movement, and resilient means for suspending a conductor cord from said free arm.

In testimony that I claim the foregoing as my own I have hereto affixed my signature.

CLARENCE M. EVELETH.