(No Model.)

M. T. WYATT.

GRAPPLING OR HOLDING DEVICE.

No. 331,362. Patented Dec. 1, 1885.

Fig. 1.

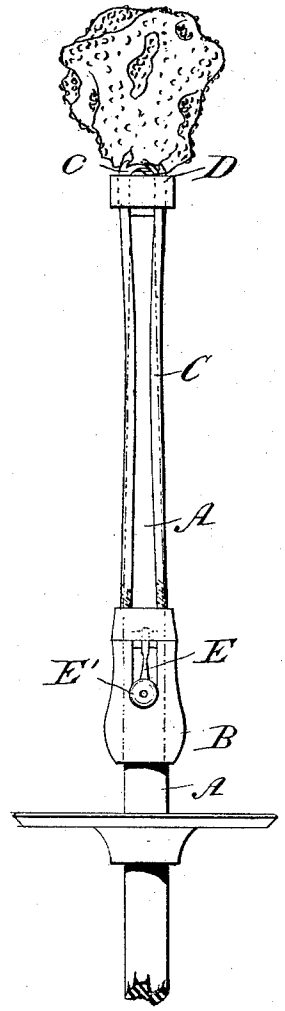
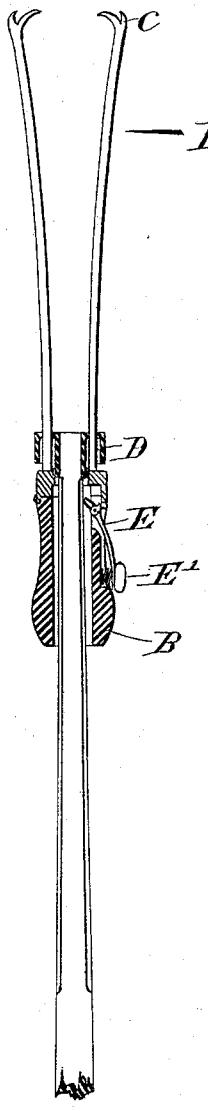


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

MATTHEW THOMAS WYATT, OF QUEBEC, ASSIGNOR OF ONE-HALF TO WILLIAM FULLERTON RAMSAY, OF MONTREAL, CANADA.

GRAPPLING OR HOLDING DEVICE.

SPECIFICATION forming part of Letters Patent No. 331,362, dated December 1, 1885.

Application filed September 15, 1884. Serial No. 143,111. (No model.) Patented in Canada February 23, 1885, No. 21,132.

To all whom it may concern:

Be it known that I, MATTHEW THOMAS WYATT, of the city, county, and Province of Quebec, Canada, have invented a certain new and useful Improved Grappling or Holding Device; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention has for its object to produce an instrument which shall not only serve as a cheap and useful holder for a mop, broom, sponge, &c., but also be capable of use for the purposes of raising or grappling any article, and it may be thus briefly described. Upon a handle of desired length is set, so as to slide easily, a sliding block in which are fixed any number of spring or bent wires lying in corresponding grooves in the handle and passing through a ring on its end. These wires are provided on their outer ends with fangs, hooks, or other means for holding an object, and the grip or holder has a spring-catch or equivalent device for retaining it on the handle at any point at which it may be set, this being governed by the size of the object to be grasped.

For fuller comprehension of the invention, reference must be had to the annexed drawings, forming part of this specification, in which—

Figure 1 is a view of my invention closed, and Fig. 2 a view with the wires or holdfasts in grappling position.

Similar letters of reference indicate like parts.

A is the stick or handle, of any length desired, and either of wood or any other suitable material, B being the sliding grip or holder, of some such shape as that shown, into which are screwed or otherwise set the spring-wires C, having turned-up ends or hooks *c*.

D is a ring, mounted on the end of handle A, through which ring these wires pass, and serving to hold them together when the holder B is drawn back.

E is the spring-catch or similar device, by which the holder B is held in the position required to give the wires C the necessary amount of expansion, this being held in place by a coiled spring, *e*, round the shank or pin of a button, E′, on the catch E.

The operation of my invention will be clearly understood from the foregoing, so that it is only necessary to say that by pressing on the button E′ the holder B can be pushed forward until the wires C expand sufficiently to grasp the article, and by releasing the button E′ they are retained in such position by the action of the spring *e*.

A ring, F, of rubber or like substance, may be placed on the handle A to catch any drippings where a sponge or like article is used.

It must be understood that any equivalent device may be substituted for the spring-catch E, as described, for retaining the holder B in place on the stick or handle A.

What I claim is as follows:

The combination, with a stick or handle carrying a ring, D, of a sliding block carrying spring-wires passing through said ring, and having hooked ends, and a catch for retaining the block in position upon the handle, substantially as described.

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