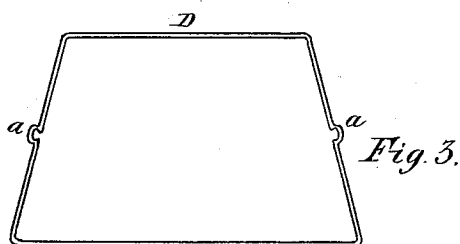
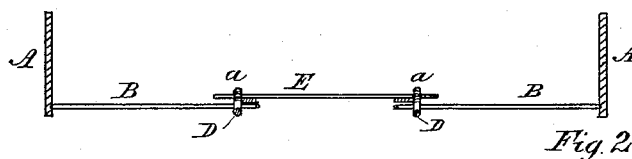
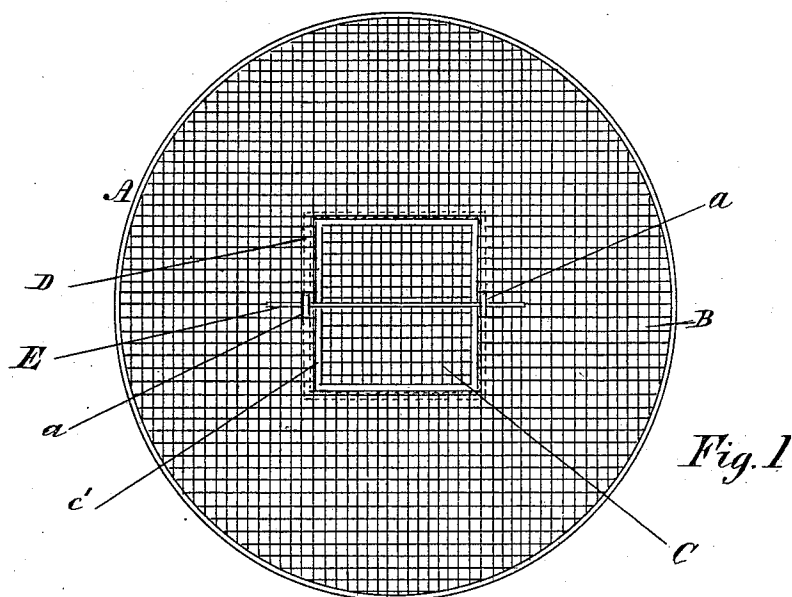


(No Model.)

E. A. BOLUS.
DEVICE FOR MENDING SIEVES.

No. 400,292.

Patented Mar. 26, 1889.



Witnesses
Alex McCully
J. R. Byrne

Inventor.
Edward A. Bolus
By W. Bruce
att'y

UNITED STATES PATENT OFFICE.

EDWARD ALEXANDER BOLUS, OF HAMILTON, ONTARIO, CANADA, ASSIGNOR
OF ONE-HALF TO WILLIAM L. VENATER, OF SAME PLACE.

DEVICE FOR MENDING SIEVES.

SPECIFICATION forming part of Letters Patent No. 400,292, dated March 26, 1889.

Application filed April 19, 1888. Serial No. 271,189. (No model.)

To all whom it may concern:

Be it known that I, EDWARD ALEXANDER BOLUS, of the city of Hamilton, in the county of Wentworth, in the Province of Ontario, Dominion of Canada, have invented a certain new and useful Device for Mending Worn Sieves; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same.

The invention relates to a very handy and convenient device for patching or mending worn sieves, particularly molders' sieves, by which they are capable of lasting much longer than would otherwise be the case without my device, which is also applicable to mending abrasures in all kinds of wire-netting.

The device consists of a square of wire-netting of any desired size bordered with a frame of tin or sheet metal and placed over the worn-out part of the sieve and a frame of wire or backing placed under it on the under side of the sieve. The said under frame is provided with two projecting loops, which are inserted up through the bottom of the sieve on each side of the square netting. Then a rod is passed under the loops and over the said square of netting, thus locking the square firmly in its place over the worn-out portion of the sieve.

By reference to the drawings forming part of this specification it will be seen that Figure 1 is a plan view of sieve. Fig. 2 is a cross-section; Fig. 3, a perspective view of the under looped frame. Fig. 4 represents the rod for locking.

A indicates the wooden circular frame of the sieve; B, the wire bottom; C, the square of extra wire-netting; *c'*, the border of the same, which may be of sheet metal of any kind; D, the under wire open frame, which is made to lie under the net-frame C. *a a* are the raised bends or loops of said frame D, for inserting up through the bottom of the sieve by the side of the frame C. E is the rod, which is made to pass under the said loops *a* and over the wire-netting frame C, thus securely locking the patch over the worn-out parts of the sieve. Holes worn in a sieve are thus easily repaired, causing one with my device attached to last double the ordinary length of time.

Having thus described my device and its advantages, what I claim as my invention, and desire to secure by Letters Patent, is—

An article of manufacture—to wit, a patch for mending holes in sieve fabrics, comprising a piece of wire-netting, a frame, D, therefor formed with projecting loops *a*, and a rod or wire, F, for securing said frame and netting in place, substantially as and for the purpose specified.

Dated at Hamilton, Ontario, this 22d day of March, A. D. 1888.

EDWARD ALEXANDER BOLUS.

In presence of—
WM. BRUCE,
FRED BARTLE.