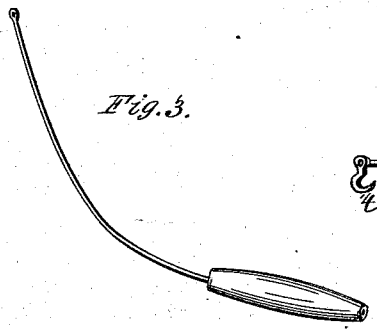
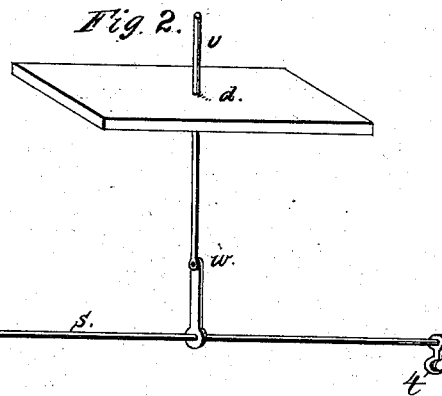
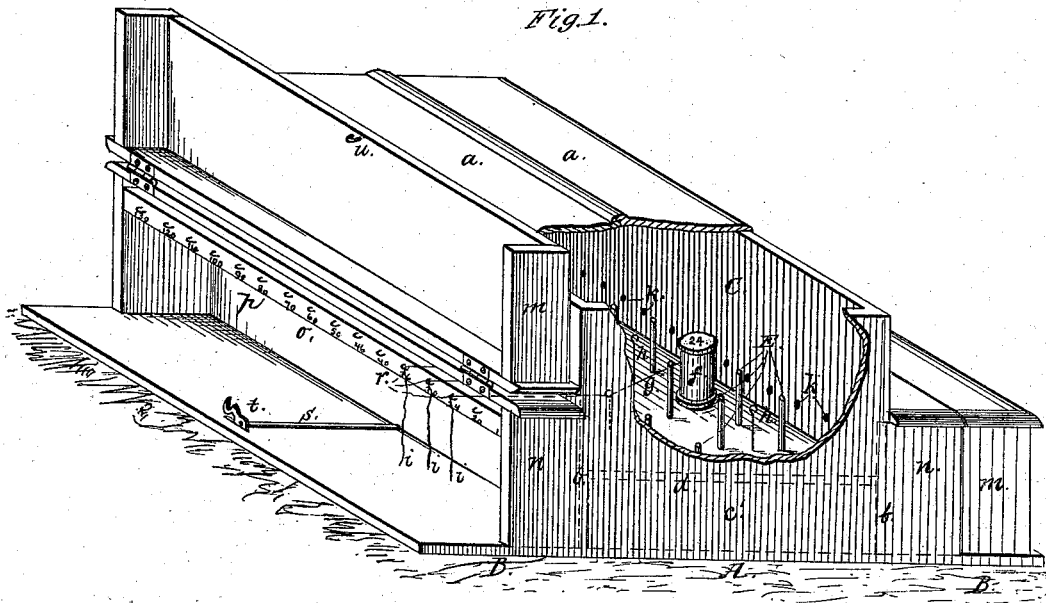


B. F. SAURMAN.
THREAD CABINET.

No. 187,487.

Patented Feb. 20, 1877.



Witnesses:
John Partridge
William N. Baker

Inventor:
Benjamin Saurman

UNITED STATES PATENT OFFICE.

BENJAMIN F. SAURMAN, OF APALACHICOLA, FLORIDA.

IMPROVEMENT IN THREAD-CABINETS.

Specification forming part of Letters Patent No. 187,487, dated February 20, 1877; application filed March 29, 1875.

To all whom it may concern:

Be it known that I, BENJAMIN F. SAURMAN, of Apalachicola, State of Florida, have invented a Lady's Thread-Cabinet, of which the following is a specification:

The object of my invention is to afford a safe and convenient receptacle for spool-thread of any kind, whereby all loss of spools, tangling or soiling of threads is avoided, and much time is saved to the person using the same.

The cabinet may be made either single or double. When double, as shown in plan view, Fig. 1, it is intended for white and colored threads, and may be constructed of the following dimensions, (over all,) to contain forty spools: twelve and one-half inches long, ten and one-half inches wide, and four and one-quarter inches high in the middle compartment A, which is five inches wide inside of partitions, and two and one-half inches high in each of the two external compartments B B, which are two and one-half inches wide. The middle compartment A is furnished with two doors, *a a*, which fold back from the middle, and is separated from the others by upright partitions *b b*. It is divided into an upper and lower chamber, *c c'*, at a distance of one and one-half inch from the lower floor, by a second floor, *d*, into which are inserted in four rows, each two of which gradually converge from right to left, as either face is presented to the operator, and at distances apart in the rows to suit the varying sizes of the spools, either wooden or metallic pins *e e*, graded in length so as not to protrude through the spools *f*. These pins are placed directly opposite each other in each of the two rows, and the thread *g* from the inner rows is guided between the spools of the outer rows by means of small wire guides *h*, set a little in advance of the open space between the spools of the outer rows. The thread ends *i i i* are then conducted through eyelet-holes *k k*, arranged opposite the spools and wire guides, into the exterior compartments B B. The lower section *c'* of this compartment may be occupied by a drawer at each end. The exterior compartments B B are so constructed that the outer half *m m* of each, down to the floor, folds

back, by means of hinges in the top, upon the inner half *n n*, exposing a transverse bar, *o*, in which are wire staples or guides *p*, through which the thread ends are conducted, and immediately beneath which are the numbers *r*, corresponding with the numbers of the spools to which the threads are attached. The two folding faces of the cabinet are secured, when closed, by means of a wire, *s*, extending transversely across the floor, to each end of which is riveted a small hook, *t*, which is made to pass into a keeper or staple, *u*, and is operated, as shown in Fig. 2, by means of a lever, *v*, provided with a joint, *w*, at a half inch from where it is attached at right angles to the transverse wire *s*, and extending upward through the second floor *d* of the middle compartment. The doors of the latter are secured by bolts and a lock, thus enabling a person to secure the entire contents of the cabinet by a single turn of a key.

A small instrument, as shown in Fig. 3, assists in conveying the thread-ends into the outer compartments.

The cabinet can be made of any length, according to the number of spools it is required to hold, and the single cabinet is one-half as wide as the double, has but one face instead of two, and only two rows of spools instead of four.

I claim as my invention—

1. The series of pins having rows arranged convergingly with respect to each other, substantially as described, and for the purpose set forth.

2. The wire *S* extending transversely across the floor and having a lever, *v*, provided at its ends, with hooks *t t*, in combination with the doors *m m*, provided with staples *u*, substantially as described, and for the purpose set forth.

3. The numbered transverse bars *o o*, provided with wire staples or guides *p*, the numbers *v* corresponding with the number of the spools to which they are attached, substantially as described.

BENJAMIN F. SAURMAN.

Witnesses:

JOHN PARTRIDGE,
WILLIAM N. BAKER.