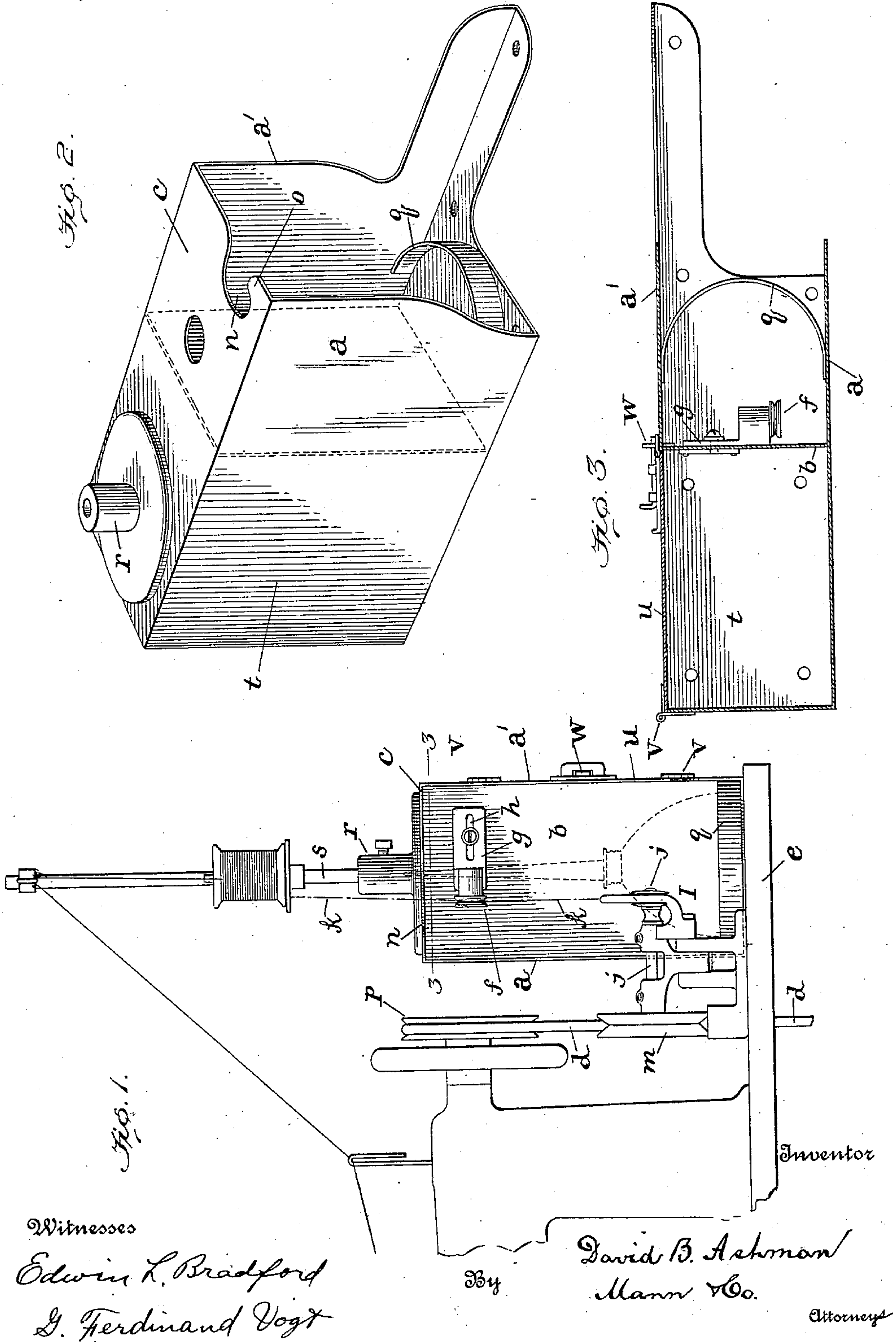


D. B. ASHMAN.
ATTACHMENT FOR SEWING MACHINES.
APPLICATION FILED OCT. 21, 1910.

991,816.

Patented May 9, 1911.



UNITED STATES PATENT OFFICE.

DAVID B. ASHMAN, OF BALTIMORE, MARYLAND.

ATTACHMENT FOR SEWING-MACHINES.

991,816.

Specification of Letters Patent.

Patented May 9, 1911.

Application filed October 21, 1910. Serial No. 588,247.

To all whom it may concern:

Be it known that I, DAVID B. ASHMAN, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Attachments for Sewing-Machines, of which the following is a specification.

This invention relates to an improved case designed especially for use on power-driven sewing machines.

In factories where a large number of sewing machines are run by power, the machines are mounted side by side as close together as practicable, usually a number of machines on one stand—each machine being in charge of an operator, who also has to take care of the numerous machine accessories, such as bobbins, bobbin-winders, thread-tensions, screw-drivers, oil-cans, etc.

One object of this invention is to provide a case that may be secured on the top surface of a sewing-machine stand, and said case constructed so that two walls thereof will serve as side guards for a strand of thread stretched between a thread-tension device and a bobbin-winder.

Another object is to provide a case attachable to sewing-machine stands for holding the thread-tension device, oil-can and other accessories.

The improved case for sewing machines is illustrated in the accompanying drawings in which,

Figure 1 is an elevation showing the improved case secured on the stand of a sewing machine in proper relative position to the machine parts. Fig. 2 is a perspective view of the improved case for sewing-machines. Fig. 3 is a horizontal sectional view of the case, taken on the line 3—3 of Fig. 1.

The case has two upright parallel walls, *a*, *a*¹, spaced apart and said two walls are connected at the back by an upright cross-wall, *b*, and a top plate, *c*. This forms an open-side recess.

I provide an ordinary thread-tension wheel, *f*, with a laterally-projecting plate, *g*, having a slot, *h*, and a set-screw therein; this tension device is in the open-side recess or space between the two upright walls, *a*, *a*¹, and rests against the cross-wall, *b*, to which it is attached by the set-screw in the slot, *h*. A bobbin-winder, *I*, having a shaft, *j*, has such position that a bobbin, placed on the end of the winding shaft, *j*, will be in the same vertical plane as the tension-wheel,

f, in the said open-side recess of the case. The bobbin-winding shaft, *j*, also carries a grooved wheel, *m*, that may be contacted with and driven by the driving-belt, *d*, of the sewing-machine.

It will be seen the stretched strand of thread, *k*, passes from a spool elevated above the top plate, *c*, downward through a notch, *n*, in the edge of the top-plate, *c*, and between the two side walls, *a*, *a*¹, to the tension-wheel, *f*, and thence is stretched down to the bobbin on the shaft, *j*; by this arrangement the said two side walls of the case guard the stretched strand of thread, *k*, and prevent any fabric, or article that may be undergoing the operation of sewing on the next adjoining machine, from getting accidentally tangled with such strand of thread.

The notch, *n*, in the edge of the top plate, *c*, has a hook-formation, *o*, at its side nearest the left-hand side-wall, *a*. This hook, *o*, serves to hold the loose driving-belt, *d*, after the belt has been thrown off the driven pulley, *p*, of the sewing-machine, which is often done to permit the top-part of the machine to be tilted back in order that the operator may clean and oil the machine parts underneath. The said hook, *o*, will hold the loose belt up and prevent its lower part from catching in the continuously-revolving parts that are below the stand, *e*.

The recess or space between the two walls, *a*, *a*¹, serves also as a receptacle for an oil-can, indicated in Fig. 1, by broken lines. The oil-can is thus in convenient position for use, and will be confined in this space by the curved flange, *q*, fixed to the case bottom.

I have provided for resting on top of the case a stand for spool-cotton, as seen in Figs. 1 and 2, and thereby avoid undue crowding of the top of the sewing-machine stand. A socket, *r*, is secured on top of the case; this socket is for the standard, *s*, of the spool-stand.

The side walls and top of the case are extended back of the cross-wall, *b*, and thereby a closed receptacle, *t*, is formed for storing many of the mechanical accessories of the sewing machine, such as bobbins, tuckers, hemmers and screw-driver; the receptacle has on its side a door, *u*, attached by means of hinges, *v*, and provided with a bolt and hasp, *w*, which enable the use of a pad-lock, whereby the receptacle may be locked and

thus when the machine is out of use unauthorized persons will be prevented from carrying off the said accessories.

5 As the vertical wall, *a*, of the case will stand close alongside of that part of the driving-belt, *d*, of a sewing-machine that is exposed above the top surfaces of the stand, *e*, said wall will serve as a guard to prevent the fabric or article that may be in the
10 hands of the operator of the next adjoining machine from accidentally becoming entangled with the said driving-belt *d*, when it is moving rapidly; this is an incidental advantage.

15 Having thus described my invention what I claim and desire to secure by Letters Patent is,—

The combination of a sewing machine having the usual stand-top and a driving-
20 belt a part of which latter is exposed above the said stand-top; a case seated on the

stand-top and comprising two upright side walls spaced apart and connected by a cross-wall and by a top-plate and forming an open-side recess; a thread-tension device secured to the said cross-wall within the open-side recess; and a bobbin-winder having a wheel to contact with the driving-belt and also having a bobbin-receiving portion in a vertical plane between said two side walls, whereby a strand of thread passing between the said tension device and bobbin-winder will be guarded by the side walls from entanglement by any object that otherwise might swing in the path of said strand of thread. 25 30 35

In testimony whereof I affix my signature in presence of two witnesses.

DAVID B. ASHMAN.

Witnesses:

G. FERDINAND VOGT,
CHAS. B. MANN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
