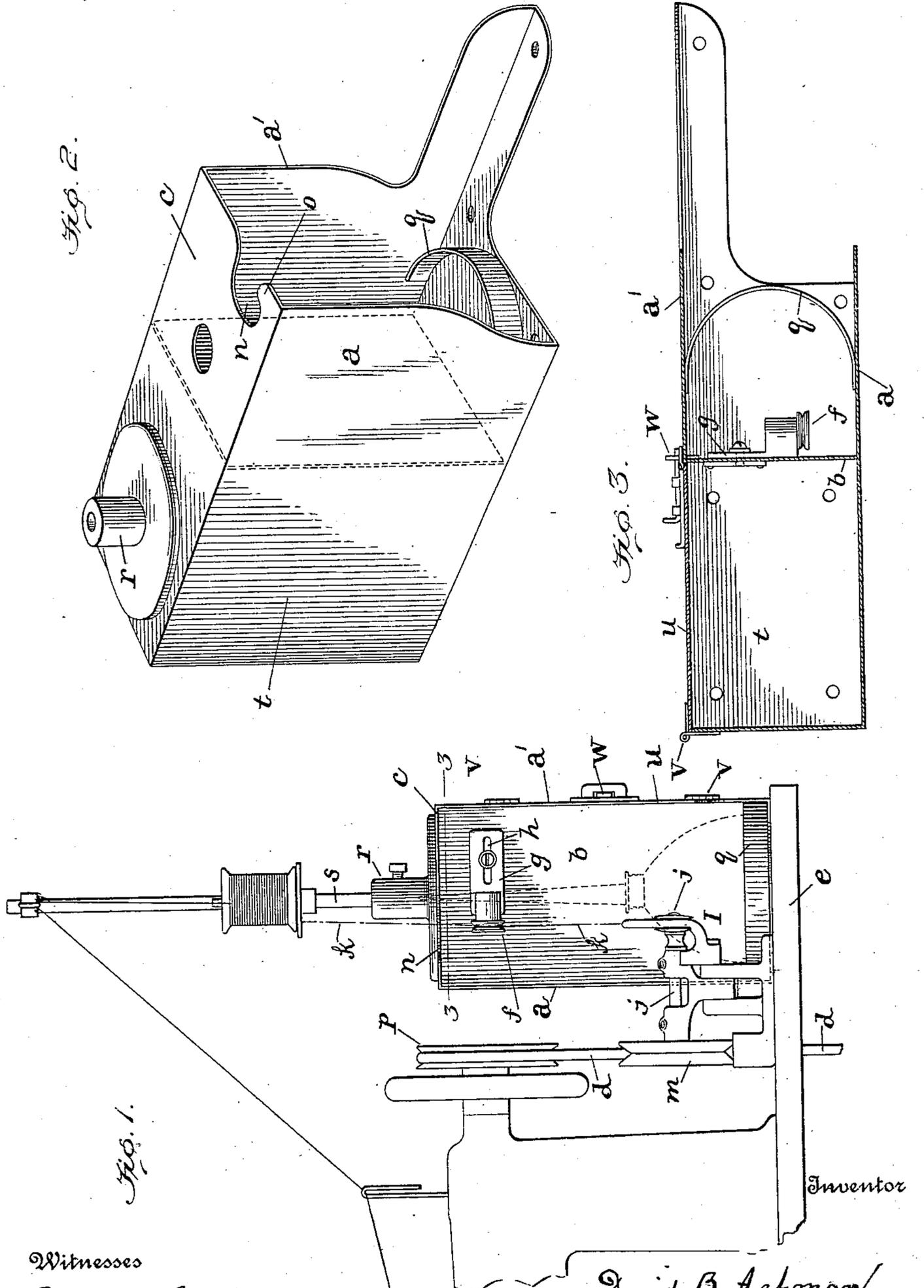


D. B. ASHMAN.
 ATTACHMENT FOR SEWING MACHINES.
 APPLICATION FILED OCT. 21, 1910.

991,816.

Patented May 9, 1911.



Witnesses
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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 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,—

20 The combination of a sewing machine having the usual stand-top and a driving-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.

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."
