Jan. 11, 1949. H. E. STEVENSON 2,458,964

CAMBRIC AND LINEN TAPE DISPENSER

Filed June 25, 1946

Fig. 1.

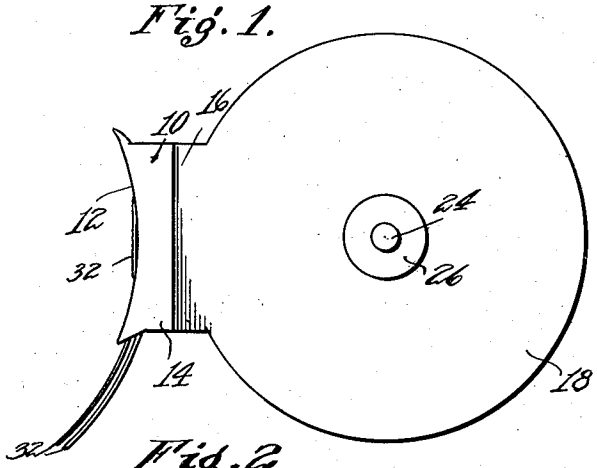


Fig. 2.

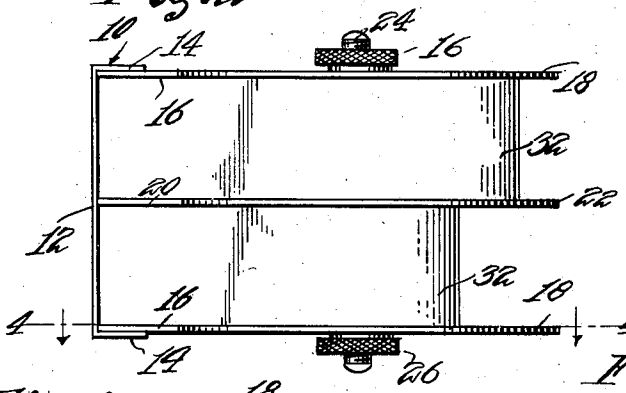


Fig. 3.

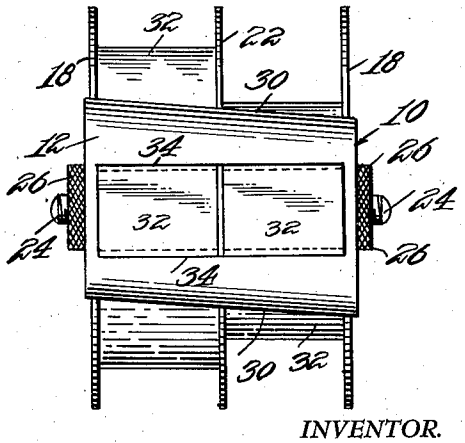
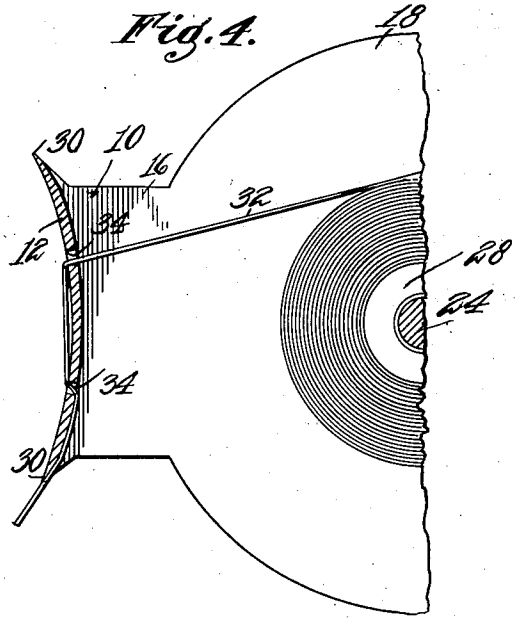


Fig. 4.



INVENTOR.

Harold E. Stevenson

BY Victor J. Evans & Co.

ATTORNEYS

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CAMBRIC AND LINEN TAPE DISPENSER

Harold E. Stevenson, Long Beach, Calif.

Application June 25, 1946, Serial No. 679,239

1 Claim. (Cl. 57—10)

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This invention relates to a cambric and linen tape dispenser which is particularly adapted to supply cambric and linen insulation simultaneously for application to power line cables of various sizes.

An object of the invention is to provide a device that will supply the cambric and linen in the proper rotation more tightly than it can be applied by present day conventional hand methods.

Another object of the invention is to provide a device that is available to the cable thereby conserving material otherwise damaged by dirt and other foreign matter.

Another object of the invention is to provide a device that is simple in construction, efficient in operation performing the equivalent of a factory job enabling unskilled labor to increase their productive qualities and also eliminating hazards accompanying the operation thereof.

With the above and other objects and advantages in view the invention consists of the novel details of construction, arrangement and combination of parts more fully hereinafter described, claimed and illustrated in the accompanying drawing in which:

Figure 1 is a side elevation of an embodiment of the invention;

Figure 2 is a top plan view thereof;

Figure 3 is a front view; and

Figure 4 is a sectional view on the line 4—4 of Figure 2.

Referring more in detail to the drawing the reference numberal 10 designates a bracket having an arcuate shaped base 12 and side flanges 14 to which are secured by means of welding, soldering or the like, the extensions 16 of the circular sides 18. Secured to the center of the base 12, intermediately of the sides 18 by an extension 20 similar in shape and size to the extension 16 is the central or dividing wall 22.

Mounted transversely of the sides 18 and wall 22 is the bolt shaft 24 having the knurled nuts 26 on the extreme ends thereof which extend through the sides 18. The shaft 24 is provided with rollers 28 positioned intermediate the sides on opposite sides of the wall 22.

In Figure 3 it will be seen that the base 12 of the bracket 10 has upwardly inclined cutting edges 30 which are inclined so that right or left hand cuts may be made on the material 32 wound on the rollers 28. It will be see in Figure 4 that

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the material is trained through parallel slots 34 in the base 12 and that while the edges are in inclined planes the slots are in straight planes and parallel to each other.

With the material trained through the slots as shown in Figure 4 the necessary tension can be applied to the material on the rolls to make even spirals on cables which will fit within the arcuate shaped base 12 thus the material will not be covered with dirt and can be wound immediately upon the cable from the roll.

The material can be cut as desired by the cutting edges 30.

It is believed that the operation and construction of the device will be apparent to those skilled in the art and it is to be understood that changes may be made in the details of construction, arrangement and combination of parts, providing they fall within the spirit of the invention and the scope of the appended claims.

Having thus described the invention what is claimed as new and desired to be secured by Letters Patent is:

A device of the character described, comprising a concavo-convex shaped base which is adapted to engage and conform to the curvature of an electrical cable, inner, outer and intermediate extensions on said base extending outwardly of the convex face thereof, inner, outer and intermediate, circular walls secured to the extensions on said base means mounted transversely of said walls to mount different insulating materials thereon between and separated by said intermediate wall to permit the different materials to be unwound therefrom, inclined cutting edges on said base and parallel relatively spaced straight elongated slots intermediate said edges through which the material is trained for application to the electrical cable.

HAROLD E. STEVENSON.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
2,274,833	Hubbard	Mar. 3, 1942
2,295,477	Jackson	Sept. 8, 1942
2,352,445	Pinckney	June 27, 1944
2,371,686	Gaulke	Mar. 20, 1945