No. 885,385. PATENTED APR. 21, 1908.

C. SENNE.

TAPE MOISTENING MACHINE.

APPLICATION FILED JAN. 16, 1908.

Fig. 1.

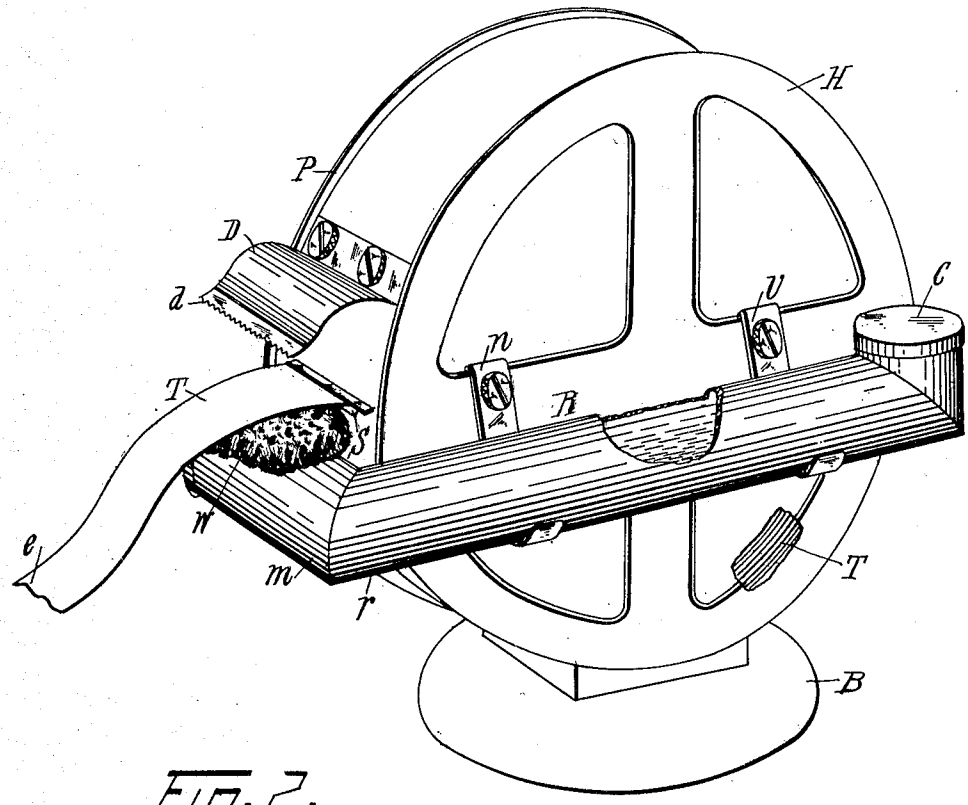
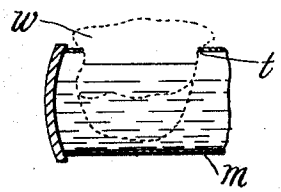


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

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TAPE-MOISTENING MACHINE.

No. 885,385. Specification of Letters Patent. Patented April 21, 1908.

Application filed January 16, 1908. Serial No. 411,047.

To all whom it may concern:

Be it known that I, CAMILLUS SENNE, a citizen of the United States, residing in the borough of Manhattan, city and county of New York, and State of New York, have invented certain new and useful Improvements in Tape-Moistening Machines, of which the following is a specification.

This invention relates to a device for moistening strips or webs of flexible material, and is especially designed to moisten the adhesive side of gummed tape such as is made of paper or cloth.

One of the objects of the invention is to provide such a device in which the tape in the form of a roll is contained and wherein the tape can be withdrawn and unwound as withdrawn, and in which means are provided for moistening the gummed side of the tape as withdrawn from the device.

A further object is to provide a suitable receptacle for containing a considerable quantity of water for supplying a suitable bibulous member, such as a sponge, that will moisten the tape as it is drawn from the holder.

In the accompanying drawing representing an embodiment of my invention Figure 1 shows the device in perspective, a part of the receptacle being broken away to show its interior. Fig. 2 is a vertical section through a portion of the receptacle.

The device is shown in the drawings as comprising a holder H of substantial cylindrical form set on its edge and supported by a suitable base B, the holder being adapted to contain a roll of tape T. If desired two small rolls can be placed side by side in the holder. The periphery P of the holder has a slot at S and the outer end *e* of the tape T is carried outward through this slot.

A suitable receptacle is provided for containing water, and one portion of the receptacle extends in proximity to the gummed tape, preferably below the same, and is provided with a bibulous member partly located in the receptacle to be saturated with the water, and partly located to have one face of the tape drawn out from the holder. In the construction illustrated a receptacle R is shown in the form of an elongated tube *r* secured to one side of the holder H, by brackets *n* and *v* soldered to the tube; and having an arm *m* extending across the periphery of the holder with its free end closed. At the upper part of the arm is a slot or opening *t* in which is located a bibulous body, such as a sponge *w*, that projects down into the water and is saturated thereby. The upper part of the sponge is located in a line with the slot S, or a short distance below the same. As the tape T is drawn out from the holder its lower gummed face will bear against the top of the sponge and will be properly moistened. The receptacle R at its other end may be provided with an upward extension that has a suitable cap C, whereby the receptacle can be conveniently filled with water from time to time. But it will be observed that the receptacle is of considerable capacity and will keep the sponge saturated for a considerable length of time until it is practically exhausted.

A suitable cutter may be provided, in the form of a strip D having a serrated edge *d*, and located a short distance above the tape. After the tape has been properly moistened it may be drawn upward against the toothed edge, that will sever the length of tape.

It will be seen that the device affords means for practically moistening the tape in an automatic manner as unwound from the roll in which it is supplied. Furthermore just sufficient tape is moistened as is needed for actual use. And the device will remain operative for a considerable period of time because of the large capacity of the receptacle for the water, that keeps the sponge moistened and saturated, and is, therefore, always ready for use. It will also be seen that the device has no moving parts, and that it is very simple and economical of construction.

Having described my invention I claim:

The combination with a cylindrical holder for containing a roll of tape and having a slot in the periphery at one side through which the tape is drawn from the roll as unwound, a receptacle comprising an elongated portion secured at one side of the holder, and having a projecting portion extending across the periphery of the holder below the said slot, said

projecting portion having an opening in its top, a sponge located in said opening and extending down into the water, said receptacle being positioned with the sponge located adjacent the opening slot in the holder to engage the lower face of the tape as drawn out from the holder through the slot.

Signed at Nos. 9–15 Murray street, New York, N. Y., this 15th day of January, 1908.

CAMILLUS SENNE.

Witnesses:
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