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TYPEWRITER AND BILLING MACHINE RIBBON

Filed May 13, 1927

Fig. 1

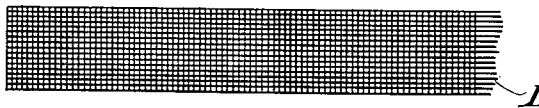
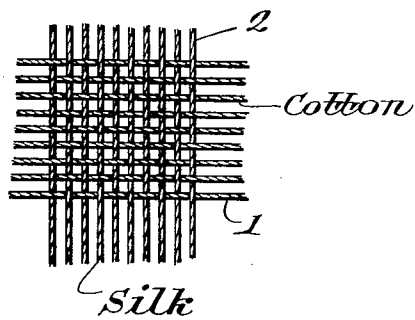


Fig. 2



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TYPEWRITER AND BILLING-MACHINE RIBBON

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The present invention relates to ribbons for typewriting machines, billing machines and the like and an object of the invention is to provide a construction which has the maximum strength and ink carrying capacity for a given caliper in thickness.

To this and other ends, the invention consists of certain parts and a combination of parts all of which will be hereinafter described; the novel features being pointed out in the appended claim.

In the drawings:

Fig. 1 is the plan view of a ribbon constructed in accordance with this invention; and

Fig. 2 is a fragmentary enlarged view of the ribbon.

According to this invention an ink impregnated ribbon is formed of silk threads running in one direction and cotton threads, preferably the long fibre sea island or Egyptian cotton running transversely thereof. In this instance, the warp threads 1 are made entirely of cotton and the filler or weft threads 2 are made entirely of silk. By constructing the ribbon in this manner the advantages of the greater strength of the silk yarn is combined with the greater absorbency of the cotton so that a ribbon is produced which has more ink carrying capacity relatively to its caliper and its pounding strength than is available in the present all silk or all cotton ribbon. In other words, a ribbon is obtained of less thickness than the cotton ribbon and having greater ink capacity than the silk ribbon without sacrificing the density of the impression desired.

What I claim as my invention and desire to secure by Letters Patent is:

A ribbon of the class described having all the threads running in one direction formed of silk and all the threads running transversely thereof formed of cotton, the whole being impregnated with a suitable ink.

ALBERT L. VOSBURG.