Oct. 9, 1945. N. CORDIS 2,386,439

TYPEWRITER RIBBON GUIDE

Filed March 17, 1943

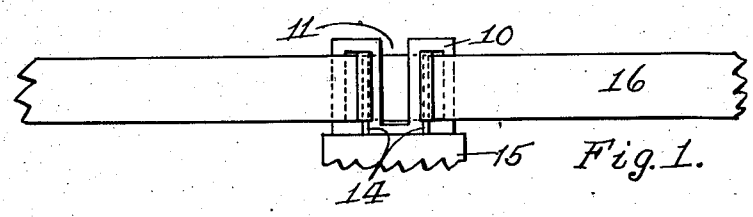


Fig. 1.

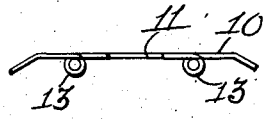


Fig. 2.

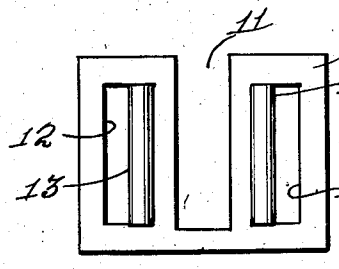


Fig. 3.

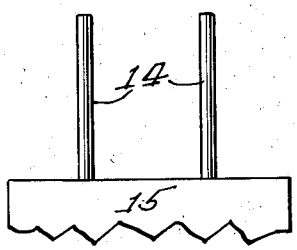


Fig. 4.

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Patented Oct. 9, 1945 2,386,439

UNITED STATES PATENT OFFICE

2,386,439

TYPEWRITER RIBBON GUIDE

Nat Cordis, Chicago, Ill.

Application March 17, 1943, Serial No. 479,413

2 Claims. (Cl. 197—170)

The invention relates to improvements in typewriter ribbon guides and has for its primary object the provision of such a guide which is of simple construction and highly efficient and convenient in use.

Another object of the invention is the provision of such a guide so constructed and arranged as to facilitate the connection of the typewriter ribbon with the ribbon carrier thereof and also prevent disengagement of the ribbon from the guide during use.

Other objects will appear hereinafter.

The invention consists of the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawing forming a part of this specification and in which:

Figure 1 is a front view of a portion of a typewriter ribbon equipped with a guide embodying the invention and shown in position of use;

Fig. 2, an enlarged top plan view of the guide detached;

Fig. 3, a front view corresponding with Figure 2; and

Fig. 4, an enlarged front view of the upper portion of the typewriter carrier equipped with means for readily attaching and detaching the ribbon guide.

The embodiment of the invention as illustrated in the drawing comprises a ribbon guide frame 10 in substantially rectangular form as shown. This frame may be conveniently made of thin sheet metal, Celluloid, plastic or the like, and is formed with a central slot 11 for the passage of the type heads of the typewriter as is usual. The frame 10 is also provided at each side with a ribbon guide opening 12 through which the ribbon may be threaded. As will be noted, the sides of the openings 12 are closed so that the ribbon can be removed from said openings only by drawing an end thereof through the same. The material from the openings 12 is preferably bent to form attaching sleeves 13 at the inner edges of said openings and corresponding attaching pins 14 are secured to the top of the ribbon carrier 15 of the typewriter and whereby the ribbon guide frame 10 may be readily attached or removed from said ribbon carrier.

In use and in operation one of the ribbon guides 10 is applied to the ribbon 16 of the typewriter, either at the ribbon factory or just before the ribbon is mounted upon the machine, said frame being placed upon the ribbon by having an end of the ribbon threaded through the openings 12, as indicated in Fig. 1. Then all that is necessary to attach the ribbon to the ribbon carrier is to place the sleeves 13 over the pins 14 whereupon the ribbon will be ready for use in the usual way. By this arrangement the ribbon may be readily attached to or detached from the ribbon carrier without soiling the fingers of the operator, and it will be impossible for the ribbon to become detached from the guide during use.

The specific form and arrangement of the parts disclosed is a simple and effective one for the purpose.

While I have illustrated and described the preferred form of construction for carrying the invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I therefore do not wish to be limited to the precise details disclosed, but desire to avail myself of such variations and modifications as fall within the scope of the appended claims.

I claim:

1. The combination with the ribbon carrier of a typewriter having upstanding spaced pins, of a ribbon guide frame formed of sheet material having a central opening for the passage of the type heads, portions of said sheet on opposite sides of said opening being severed at top, bottom and one side and rolled around their unsevered sides to form guide sleeves arranged to fit loosely over said pins.

2. The construction specified in claim 1 in which the partially severed frame portions are severed along their outer sides and rolled around their inner sides to form smooth contact surfaces for the ribbon.

NAT CORDIS.