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ALIEN PROPERTY CUSTODIAN

INK RIBBON FOR TYPING-, CALCULATING MACHINES AND THE LIKE

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At the production of ink ribbons for typing-, calculating- or similar machines, it is desirable to apply onto the ribbon lasting printings in a simple manner. These printings may serve for various purposes. For instance, it is possible to equip the ribbon with a permanently visible designation of the place of origin or with a reference to the proprietor of the ribbon by printed matter uniformly distributed over the whole length of the ribbon; on ink ribbons with spare zone, the typing zone can be differentiated from the spare zone by printed matter in order to prevent in this manner an incorrect inserting of the ribbon into the machine. The same is valid for ribbons typing on one side, in order to indicate the typing side when both sides of the ribbon look alike.

The printing of the ink ribbons encounters difficulties chiefly for the reason that the inks used heretofore are dissolved and colored by the liquid constituents of the inks with which the

ribbons are impregnated. These printings consequently very soon fade, so that they can be read only with difficulty or even not at all, for the reason that the ink applied by the printing penetrates into the pores of the fabric, this being further assisted by the types striking against the ribbon.

It has been ascertained that these inconveniences do not occur, if the printing ink, by means of which the printed matter is produced, contains as coloring body a metal powder, such as ground aluminum, brass- or bronze-powder or any other metal powder. In this manner a very well lasting permanent printing is obtained, probably owing to the fact that the metal grain is less moistened by the liquid of the ink of the ribbon than this is valid for the coloring substances of the printing inks otherwise in question.

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