

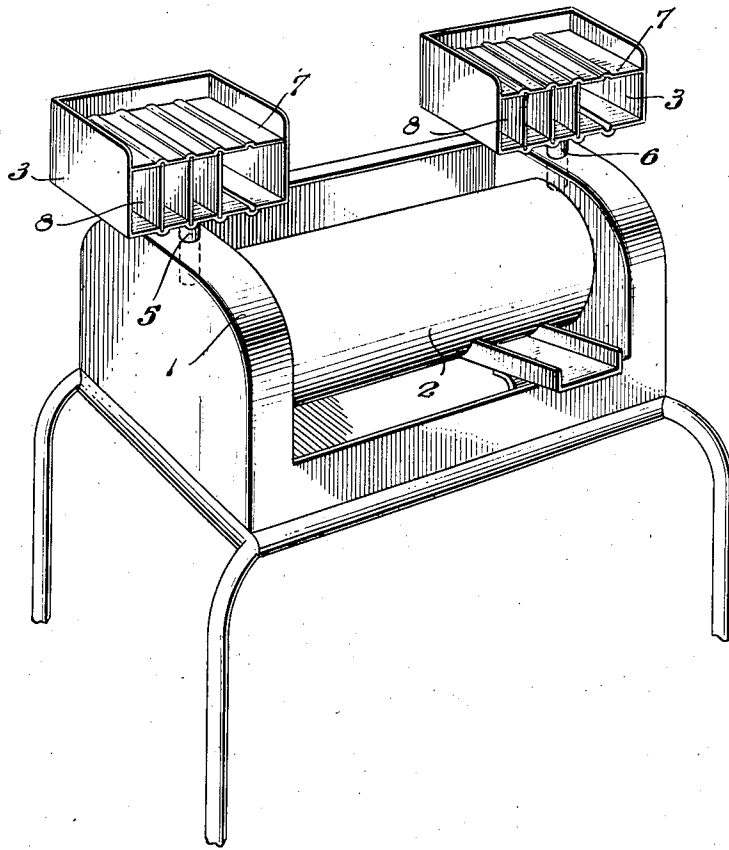
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W. RITZERFELD

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FORM RECEPTACLE FOR DUPLICATING MACHINES

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Inventor
Wilhelm Ritzerfeld

by A. W. Deller
att'y

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FORM RECEPTACLE FOR DUPLICATING MACHINES

Wilhelm Ritzerfeld, Berlin-Tempelhof, Germany

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1 Claim. (Cl. 312—157)

This invention relates to form receptacles for duplicating machines. These known rotary duplicators consist e. g. in a printing drum with means for holding the original, a counter-pressure roller, a moistener in case of a mirror script original, if wanted supply means for the sheets to be printed upon and—also if wanted—means to take up the sheets printed upon.

Duplicating devices are used to an extraordinarily great extent in industrial and trade undertakings, by officials, banks, insurance associations and, in particular, electrically driven rotary duplicators using mirror script originals. It has been found that, owing to the multitudinous nature of the forms used, particularly as regards the size, variety of print and the like, the rapid execution of the work depends considerably on the condition that the forms should be in direct proximity to the machine, should be sorted according to matter and ready to hand at any moment.

According to the present invention to meet the conditions indicated one or more supply receptacles for the forms or other sheets of paper to be printed are mounted on the duplicating machine. Any suitable spot may be used for this mounting, i. e. such spots which are not moving. Preferably each supply receptacle is provided with one or more adjustable partition walls in order to provide compartments and thus separate the forms or the like according to kinds, sizes and colours and to be able to adjust the number of compartments thereof to meet requirements which may frequently change. By the removal of one or more of the partition walls the compartments may be made as large as desired. Vertical or horizontal or both kinds of partition walls may be provided.

It is particularly advantageous to mount the supply receptacles pivotally on the duplicating machine or on the frame thereof firstly to keep space requirements as low as possible and secondly to keep the duplicating machine or the printing drum as free and accessible as possible, for example when changing the originals, or to be able to free it quickly.

In the accompanying drawing an embodiment of the invention is shown by way of example.

Upon the machine frame 1, on which the printing drum 2 and the associated devices necessary

for duplicating are disposed in a known or any other manner, are mounted supply receptacles 3 for the forms, the supply receptacles being mounted rotatably on spindles 5 and 6. Each receptacle 3 has one or more horizontal shelves 7 and one or more vertical partition walls 8 which are preferably adjustable. Larger or smaller compartments for the forms can be produced according to requirements through the adjustability of the partition walls 8.

The fact that the receptacles 3 may be rotated has on the one hand the advantage that the printing drum 2 can be made freely accessible for the attaching or changing of the originals and that the forms can be placed in the best position to be individually accessible. The receptacles 3 can also with advantage be mounted to slide for example in a dovetailed guide.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:

In combination with a duplicating machine having a frame with side members and open front and top with a printing drum bearing a copyable mirror-script original and printing onto forms previously moistened with a readily volatilizing solvent; a pivotally mounted receptacle having such a width greatly in excess of its depth as to project over the open top and drum when in an operative position and such a depth as to clear the open top and drum when in an inoperative position at right angles to the operative position; said receptacle comprising a plurality of partition walls defining compartments for holding stacks of different forms to be duplicated; and means for pivotally mounting said receptacle on a side member of said frame of the duplicating machine whereby said receptacle may be rotatably displaced from an operative position, where said compartments and the forms therein are directly facing the operator and are readily accessible for the instantaneous selection and withdrawal of a determined form sheet, into an inoperative position, where the compartments extend substantially axially to the printing drum and leave the drum unobstructed and readily accessible for the instantaneous change of the copyable original.

WILHELM RITZERFELD.