Oct. 27, 1931. M. D. KALBACH 1,829,449

TABLE DESK

Filed May 23, 1930

Fig. 1.

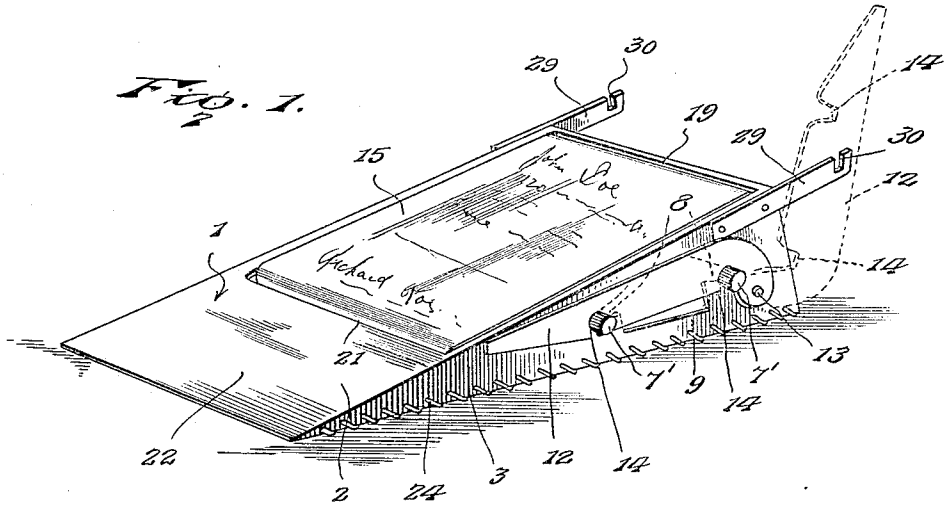


Fig. 2.

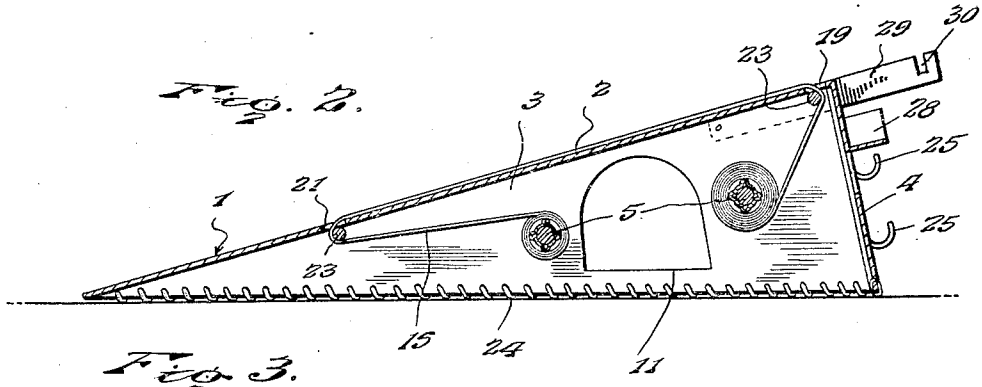


Fig. 3.

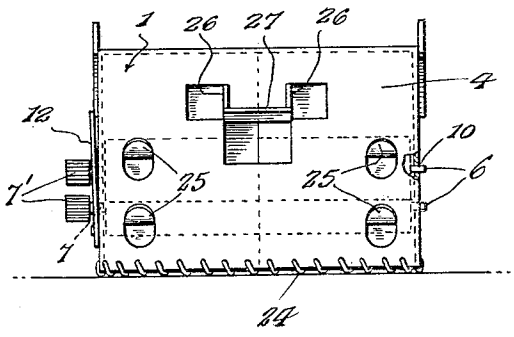
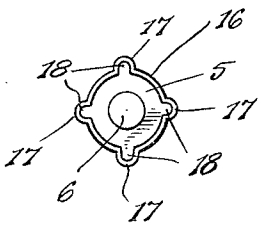


Fig. 4.



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UNITED STATES PATENT OFFICE

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TABLE DESK

Application filed May 23, 1930. Serial No. 455,074.

This invention relates to a note pad or table desk and more particularly to a device which may be placed upon a table or desk and used for making memoranda.

One object of the invention is to provide a device of this character having a strip of note paper wound upon rollers so that it may be adjusted as memoranda are written thereon and so mount the rollers carrying the strip of paper that the strip may be moved either forwardly or rearwardly and thereby allow the strip of paper to be moved in order to enter notes thereon or permit memoranda already written upon the paper to be read.

Another object of the invention is to so form a body portion or frame in which the rollers are rotatably mounted that a flat and solid support will be provided for the portion of the paper strip upon which notes are to be written, and also so form the frame that a portion thereof will provide a hand rest.

Another object of the invention is to provide an improved means for rotatably mounting the rollers and permit them to be firmly held in place when mounted in the frame while at the same time allowing the rollers to be removed and new ones set in place.

Another object of the invention is to so form the frame that the upper wall thereof over which the portion of the paper strip to be written on passes will be disposed at an incline and thereby allow memoranda to be very easily written upon the strip of paper.

Another object of the invention is to provide the device with means whereby a roller having notes written upon a sheet of paper wrapped thereon may be rotatably supported at one end of the frame and the strip of paper unrolled therefrom in order that memoranda written upon the paper may be referred to.

Another object of the invention is to provide a device with a frame which is simple in construction and of light weight, but at the same time very strong and durable and not liable to scratch a polished surface when in use.

The invention is illustrated in the accompanying drawings, wherein:

Fig. 1 is a perspective view of the improved table desk,

Fig. 2 is a longitudinal sectional view through the same,

Fig. 3 is a view in elevation looking at the rear end of the device,

Fig. 4 is an enlarged view looking at one end of one of the rollers.

The frame or body portion 1 of this device is preferably formed of sheet metal, although any material found suitable may be used, and has a flat top 2, side walls 3, and a rear end wall 4. The end wall slopes rearwardly, as shown in Fig. 2, and the side walls are triangular in shape and gradually decrease in depth towards their forward ends so that when the device is set upon a table or desk serving as a support, the upper wall will be disposed at an incline. Rollers 5 are disposed transversely through the frame and these rollers have their ends provided with pintles 6 and 7 which are rotatably received in seats formed in the side walls. The seats which receive the pintles 7 are in the form of slots 8 extending from a large opening 9 formed in the side wall through which these pintles pass, and the seats 10 which receive the pintles 6 may be similarly formed or may merely consist of circular openings formed through the other side wall of the frame in spaced relation to an opening 11 formed in this side wall and corresponding to the opening 9. A latch strip 12 is pivotally secured to the side wall in which the seats 8 are formed by means of a pin 13 and this latch is adapted to be swung from the raised inoperative position, indicated by dotted lines in Fig. 1, to a lowered position in which it ex-

tends longitudinally of the side wall. Recesses 14 are formed in the latch strip to receive the pintles 7 and when the latch strip is swung downwardly to the operative position, the two rollers will be permitted to freely rotate, but at the same time prevented from slipping out of the pintle receiving seats. When the latch is swung upwardly to the inoperative position, the rollers may be disengaged from the seats 8 and 10, and after they have been moved into the opening 9, withdrawn from the frame. It will be understood that if the seats 10 are formed similar to the seats 8, a latch corresponding to the latch 12 will be provided at the other side of the frame.

The strip of paper 15 has its end portions wound upon cores or sleeves 16 preferably formed of cardboard and these sleeves fit snugly upon the rollers, as shown in Fig. 4, and each is formed with longitudinally extending pockets 17 to receive ribs 18 formed longitudinally upon the rollers. By this arrangement the sleeves will be caused to rotate with the rollers, and since the seats project radially from the sleeves, they will cause end portions of the paper strip to be firmly gripped when wound about the sleeves. Therefore, the rollers cannot be turned without the paper strip being unwound from one sleeve and wound upon the other sleeve. This strip of paper is initially wound upon one sleeve and it passes through a slot 19 formed in the upper wall of the frame near the rear edge thereof, and after being drawn downwardly, is passed inwardly through a slot 21 formed in spaced relation to the lower or front edge of the top and engaged about a sleeve mounted upon the forward roller. It will thus be seen that a portion of the paper strip is disposed over the top wall between the two slots so that it may be written upon, and this portion of the paper strip is spaced from the lower or forward edge of the top, thereby permitting the lower portion 22 of the top to be used as a hand rest when writing. Guide rollers 23 are mounted beneath the slots 19 and 21 in order to guide movement of the paper through the slots and prevent danger of the paper becoming torn by engagement with the top.

When this device is in use, it is to be set upon a desk or table serving as a support, and in order to prevent the polished surface of the desk or table from becoming scratched, the lower edges of the side end walls have been formed with small openings through which a strand of cord, leather, or any other suitable material is threaded. Therefore, the strand will form a binding 24 of soft material which serves to retain the edges of the walls in spaced relation to the polished top of a desk or table and very effectively prevents scratching. A pencil or pen should be supported in such position that it will be accessible when needed, and in order to do so, tongues 25 are cut from the end wall 4 and bent upwardly into position to support the pencils. Other tongues or strips 26 and 27 are cut from the rear wall and bent towards each other in order to form a receptacle or pocket 28 which projects rearwardly from the end wall and may serve as a holder for an eraser or any other article which it is desired to support therein.

As this device is used, notes or memoranda are written upon the portion of the strip of paper resting upon the upper face of the top 2, and as this portion of the strip becomes filled with writing, the upper roller is grasped by its turning head 7′ and rotated in order to wind the strip upon this upper roller. When it is desired to refer to notes written upon the strip, it is merely necessary to grasp the turning head of the lower roller and rotate this roller in order to rewind the strip upon the lower roller until a note which it is desired to refer to is in position to be read.

After a certain length of time, the strip may be cut and the upper roller removed from the frame so that the sleeve together with the strip of paper having notes written thereon may be removed from this roller and put away for future reference. A new sleeve is then applied to the upper roller and this roller again set in place within the frame and the strip of paper threaded through the upper slot and engaged about the sleeve. In order to permit notes written upon a strip which has been put away to be easily read, there have been provided brackets 29 which are secured to the side walls and project rearwardly from the frame. These brackets are formed with sockets 30 at their ends so that pintles projecting from ends of a roller may be rotatably engaged with the brackets and a strip of paper drawn forwardly across the frame until a note which it is desired to refer to is exposed.

I have, therefore, provided a device by means of which a strip of paper may be mounted in order to have notes written thereon, and further so constructed the device that a strip having notes written on it may be very easily unwound in order to refer to the notes.

Having thus described the invention, I claim:

A device of the character described comprising a frame having opposed walls, one wall being provided with pintle receiving sockets, the other wall being formed with an opening and with pintle receiving sockets disposed opposite the sockets of the first wall, the sockets of the second wall being in the form of slots leading from front and rear edges of the opening formed therein, a latch strip pivoted at one end to the last mentioned wall and extending longitudinally thereof in

crossed relation to the opening and slots and having recesses leading from its lower edge to register with inner portions of the slots when the latch is closed, and paper carrying rollers extending between the walls and having pintles at their ends rotatably engaged in said sockets of the walls, the pintles engaged in the slots having turning means at their outer ends and the rollers being removable through the opening formed in the second wall when released from the sockets.

In testimony whereof I affix my signature.

MORGAN D. KALBACH. [L. S.]