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2,660,504

DESK WITH ROTATING DRAWER

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Fig. 1.

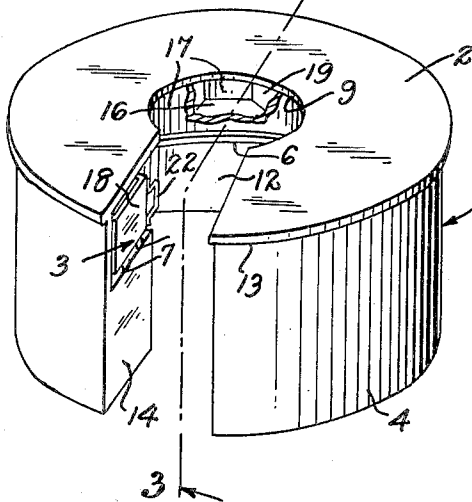


Fig. 2.

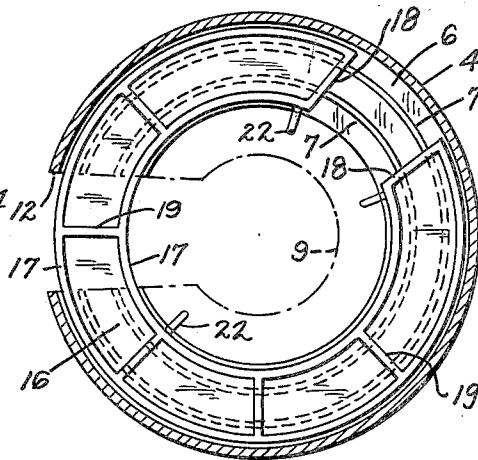


Fig. 3.

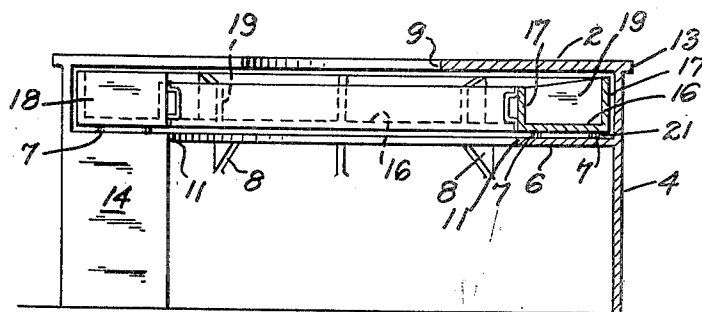
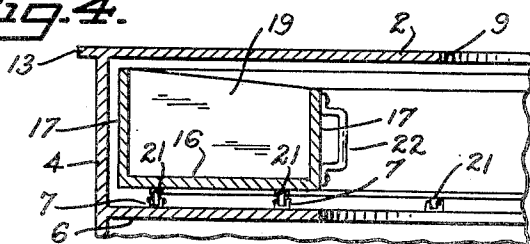


Fig. 4.



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DESK WITH ROTATING DRAWER

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3 Claims. (Cl. 312-239)

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This invention relates to a desk with rotatable drawer.

An object of this invention is to provide a desk wherein the user can sit in a space substantially in a center of the desk and be surrounded by the top of the desk which provides comparatively large work surface around said space, and wherein a passage is provided from the periphery of the desk to said space, and a drawer is arranged under said top so that the drawer can be conveniently rotated by the user around said space and across said passage; a selected section of the drawer is exposed across the passage, the drawer being adapted to complement said passage when the drawer is closed wholly under said top.

I am aware that some changes may be made in the general arrangements and combinations of the several devices and parts, as well as in the details of the construction thereof without departing from the scope of the present invention as set forth in the following specification, and as defined in the following claims; hence I do not limit my invention to the exact arrangements and combinations of the said device and parts as described in the said specification, nor do I confine myself to the exact details of the construction of the said parts as illustrated in the accompanying drawings.

With the foregoing and other objects in view, which will be made manifest in the following detailed description, reference is had to the accompanying drawings for the illustrative embodiment of the invention, wherein:

Fig. 1 is a perspective view of a desk and drawer constructed in accordance with my invention.

Fig. 2 is a sectional top view of my desk viewing the drawer in position where a section thereof is exposed at the passage.

Fig. 3 is a sectional view of my desk, the section being taken on the line 3-3 of Fig. 1, and

Fig. 4 is a fragmental sectional view of my desk on a larger scale.

In the illustrative embodiment of my invention herein I make use of a circular base or frame 1, which supports a generally ring-like top 2, and a rotatable ring-like drawer 3 under the top 2.

The frame 1 includes a cylindrical vertical outer wall 4 and an annular shelf 6 spaced below the top 2. On the shelf 6 are suitable guide channels 7 forming tracks around the top of the shelf 6. Suitable gussets or braces 8 reinforce the support for the shelf 6 so that there is space under the shelf 6 for the legs of the user all around from the inside.

The top 2 has a circular opening 9, formed by

the inner ring periphery. The shelf 6 is preferably a narrower ring than the top 2, so that the inner peripheral edge 11 of the shelf 6 is spaced outwardly and away from the top opening 9.

A generally radial passage 12 extends from the top opening 9 to the outer periphery 13 of the top 2. The circular frame wall 4 and the shelf 6 are cut away similarly to define the lower portions of the passage 12. Opposite end walls 14 extend inwardly from the edges of the frame wall 4 along the passage 12.

The drawer 3 includes a ring-like bottom 16, and substantially cylindrical upright sides 17 along the inner and outer edges of said bottom 16 so as to define the drawer space therebetween. The bottom 16 is also cut away to form a sectional space in registry with and complementary to the radial passage 12. An upright drawer end wall 18 at each end of the bottom 16 forms a side of the passage 12. The drawer is divided into suitable compartments by partitions 19.

On the underside of the bottom 16 of the drawer 3 are suitably mounted spaced pairs of rollers or casters 21 which ride in the channels or tracks 7. Suitable knobs 22 may be provided on the inner drawer wall 17 to facilitate the pushing of the drawer around its circular path.

In operation the user can place a chair in the center space of the desk and is able to sit comfortably facing in any direction. If the user wants access to any section of the drawer, he pushes the drawer around until the desired section is disposed across the passage 12. The top of the drawer being open easy access can be had to its contents at said passage. The drawer compartments may be arranged to contain files, folders, or office equipment such as a typewriter, adding machine, check writer or the like, and such equipment may be mounted ready for use when uncovered at the passage. Thus office supplies and files can be concealed at all times, yet be ready for use any instant. The desk and drawer herein described is simple, strong, convenient and eminently solves the problem of prevailing crowded pull drawers and scattered office supplies and work material. The drawer is on antifriction support and can be easily rotated either by hand or by simple power drive.

I claim:

1. In combination with a drawer support frame, a top on the frame, said frame and top having a space to accommodate the user of the drawer in a substantially central position relatively to the top, and having a generally radial

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passage extending from the periphery of the top to said space, a substantially annular supporting track on said frame extended from the opposite sides of said passage around the remaining portion of said space and below said top, and a substantially ring-like drawer element rotatable on said track below said top for exposing a selected portion of said drawer element across said passage, said drawer element having an opening thereon registerable with said passage to render said exposed portion accessible, said drawer element including a ring-like bottom with a transverse open section corresponding to said passage, and generally parallel arcuate spaced upright sides defining the drawer space in said drawer element.

2. In combination with a drawer support frame, a top on the frame, said frame and top having a space to accommodate the user of the drawer in a substantially central position relatively to the top, and having a generally radial passage extending from the periphery of the top to said space, a substantially annular supporting track on said frame extended from the opposite sides of said passage around the remaining portion of said space and below said top, and a substantially ring-like drawer element rotatable on said track below said top for exposing a selected portion of said drawer element across said passage, said drawer element having an opening thereon registerable with said passage to render said exposed portion accessible, said drawer element including a ring-like bottom with a transverse open section corresponding to said passage, generally parallel arcuate spaced upright sides defining the drawer space in said

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draw element, and an upright end wall at each end at said bottom defining said open section.

3. In combination with a drawer support frame, a top on the frame, said frame and top having a space to accommodate the user of the drawer in a substantially central position relatively to the top, and having a generally radial passage extending from the periphery of the top to said space, a substantially annular supporting track on said frame extended from the opposite sides of said passage around the remaining portion of said space and below said top, and a substantially ring-like drawer element rotatable on said track below said top for exposing a selected portion of said drawer element across said passage, said drawer element having an opening thereon registerable with said passage to render said exposed portion accessible, said drawer element including a ring-like bottom with a transverse open section corresponding to said passage, generally parallel arcuate spaced upright sides defining the drawer space in said drawer element, and partitions between said slides to divide said drawer space into compartments.

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