No. 809,376. PATENTED JAN. 9, 1906.

H. JOHNSON.

DESK TABLE.

APPLICATION FILED SEPT. 23, 1904.

2 SHEETS—SHEET 1.

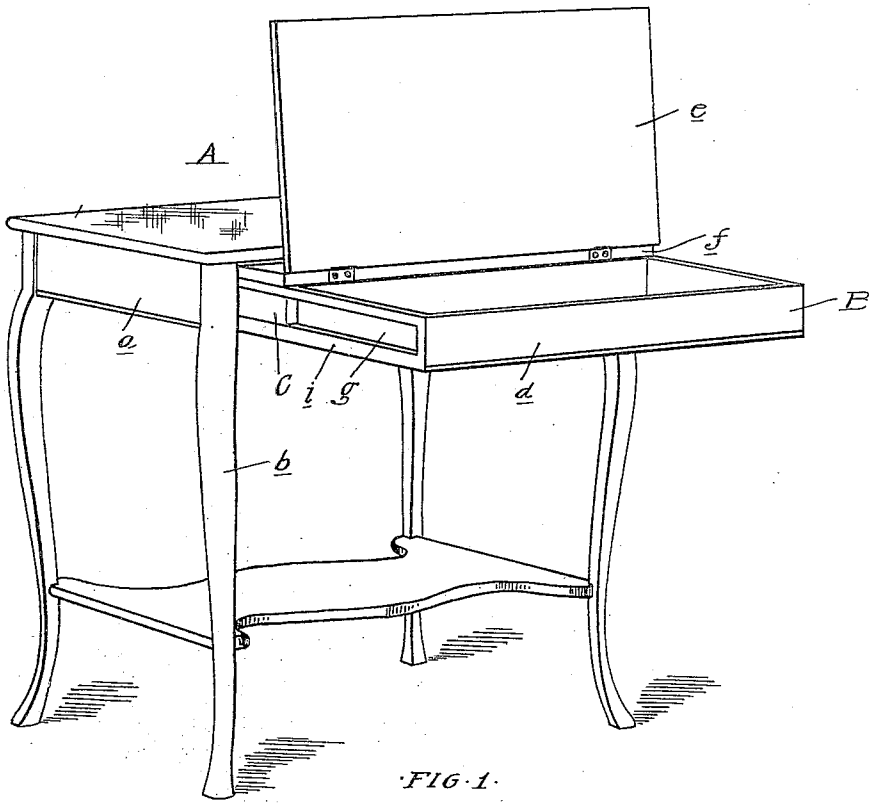

FIG. 1.

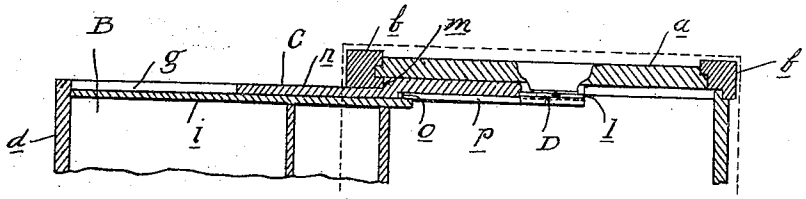

FIG. 4.

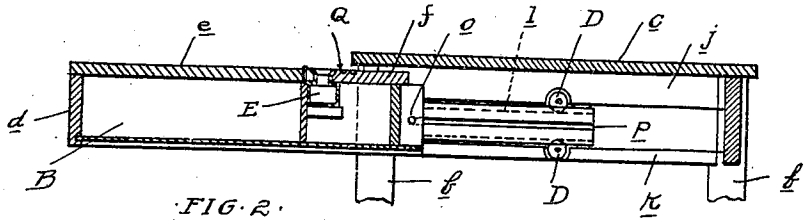

FIG. 2.

WITNESSES

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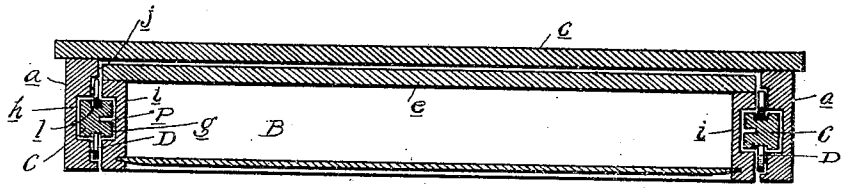
DESK TABLE.

APPLICATION FILED SEPT. 23, 1904.

2 SHEETS—SHEET 2.

FIG. 3.



WITNESSES

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UNITED STATES PATENT OFFICE.

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DESK-TABLE.

No. 809,376. Specification of Letters Patent. Patented Jan. 9, 1906.

Application filed September 23, 1904. Serial No. 225,694.

To all whom it may concern:

Be it known that I, HENRY JOHNSON, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Desk-Tables, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to desk-tables of that type in which the desk-top is formed on the sliding drawer normally arranged beneath the stationary table-top. With such constructions it is desirable to completely withdraw the desk-top from beneath the table-top, so as to provide as great a width as possible of the desk without unduly increasing the width of the table.

The invention consists in the means employed in forming the sliding connection between the desk and table and, further, in the peculiar construction, arrangement, and combination of parts, as hereinafter set forth.

In the drawings, Figure 1 is a perspective view of the desk-table, showing the desk extended and the lid raised. Fig. 2 is a longitudinal section of Fig. 1. Fig. 3 is a cross-section through the side rails, and Fig. 4 is a horizontal section thereof.

A is a table of any suitable construction, comprising side rails *a* and supporting-legs *b* and the top *c*.

B is the desk-drawer, which is constructed to fit between the side rails *a* beneath the top *c* and having a front rail *d*, which is complementary to the side rail *a*. The width of the desk-drawer is preferably substantially the full width of the table-top *c* less the thickness of the rear rail.

e is a lid forming the top of the desk and hinged or othewise secured by stationary top sections *f* at the rear of the drawer.

The drawer B is slidingly connected to the table A by slide members C. These members are constructed to fit in complementary grooves *g* and *h*, respectively, formed in the sides *i* of the drawer B and the side rails *a* of the table A. The slides C are preferably of a length equal to that of the rail *a* and sides *i*, but are of lesser width than the side rails, so as to form in the latter a pair of lower marginal portions *j* and *k*.

D represents antifriction roller-disks which are pivotally secured to the marginal portions *j* and *k* of the side rails *a* and engage with longitudinal grooves or kerfs *l* in the slides C. The arrangement is such that the slides C are retained in engagement with the grooves *h* when the drawer B is withdrawn through the action of the roller-disks D engaging the kerfs *l*. At the same time these roller-disks form antifriction devices.

The movement of the slide C in the groove H is limited by the shoulder *m* on the slide which strikes against the forward leg *b* of the table. This shoulder *m* is formed by cutting away or reducing the width of the forward portion of the slide C, as at *n*, so that the latter will clear the leg *b*, while the shoulder *m* will form a stop, as described. The movement of the drawer B upon the slide C is limited by the pin *o* projecting from the side of the drawer engaging the longitudinal slot *p* in the slide C. This pin *o* is arranged and the rear end of the drawer and the groove *p* is of such a length as to permit the withdrawal of the drawer from beneath the table-top, it being supported in this position by the outward and extending portion *n* of the slide C. Thus the desk in its drawn position is practically equal in width to the table-top.

An ink-well E is preferably arranged in the stationary portion *f* of the desk-cover, and this portion is also preferably provided with grooves Q for holding pen-holders, pencils, &c.

What I claim as my invention is—

1. The combination with a table comprising a top, side rails, and legs, of a drawer beneath said top having its sides adjacent to said side rails, and slides engaging complementary grooves in the sides of said drawer and the side rails of the said table, and roller-disks engaging kerfs in said slides and adapted to retain the same in engagement with said side rails when said drawer is withdrawn.

2. The combination with a table comprising a top, side rails, and legs, of a drawer arranged beneath said top adjacent to said side rails, slides engaging complementary grooves in said drawer and side rails, shoulders on said slides adapted to impinge against the forward legs to limit the outward movement of

said slides, pins in said drawer engaging slots in said slides for limiting the outward movement of the former in relation to the latter, and roller-disks engaging kerfs in said slides and adapted to retain the same in engagement with said side rails when said drawer is withdrawn.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY JOHNSON.

Witnesses:
H. C. SMITH,
E. D. AULT.