S. WILLMAN.

TYPE WRITER DESK CASE.

APPLICATION FILED JUNE 30, 1917.

1,314,628.

Patented Sept. 2, 1919.

2 SHEETS—SHEET 1.

Fig. 1.

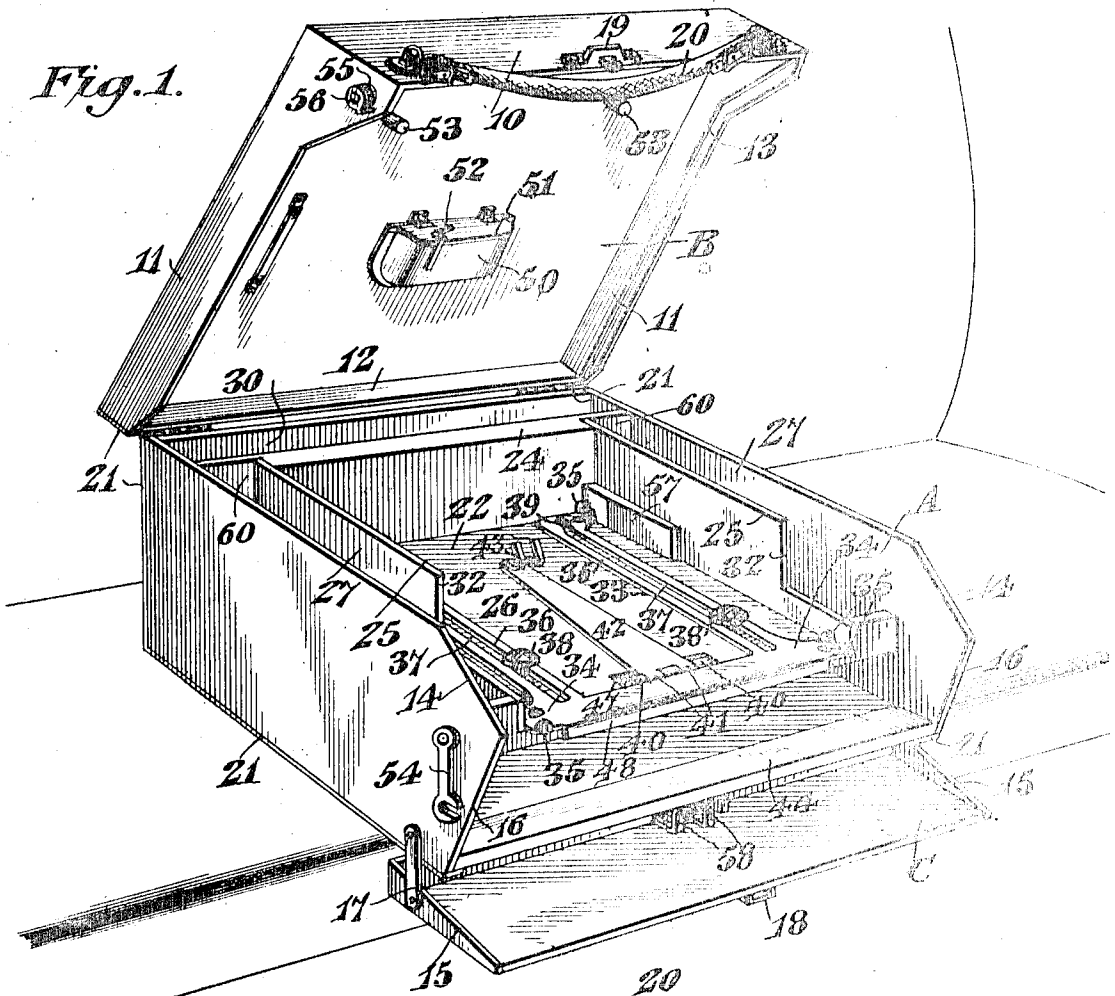
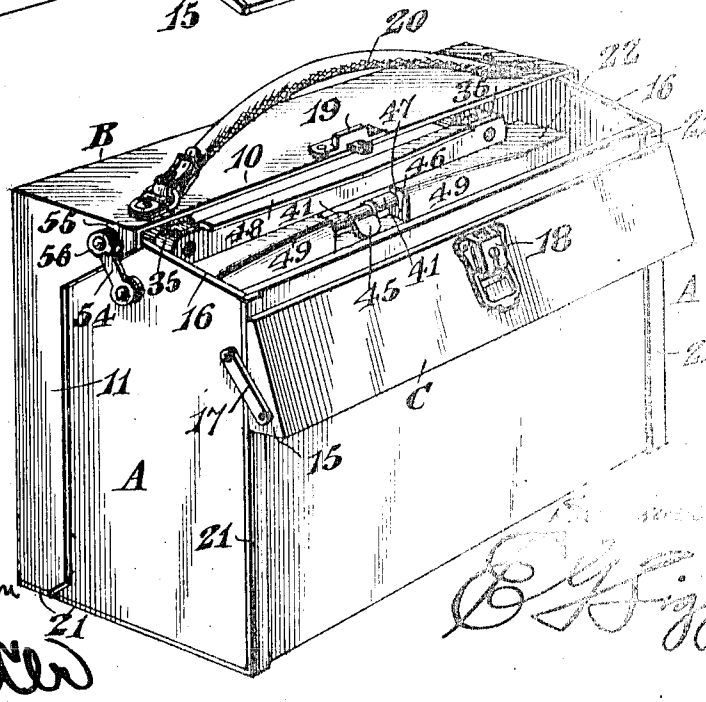


Fig. 2.



WITNESSES

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Fig. 3.

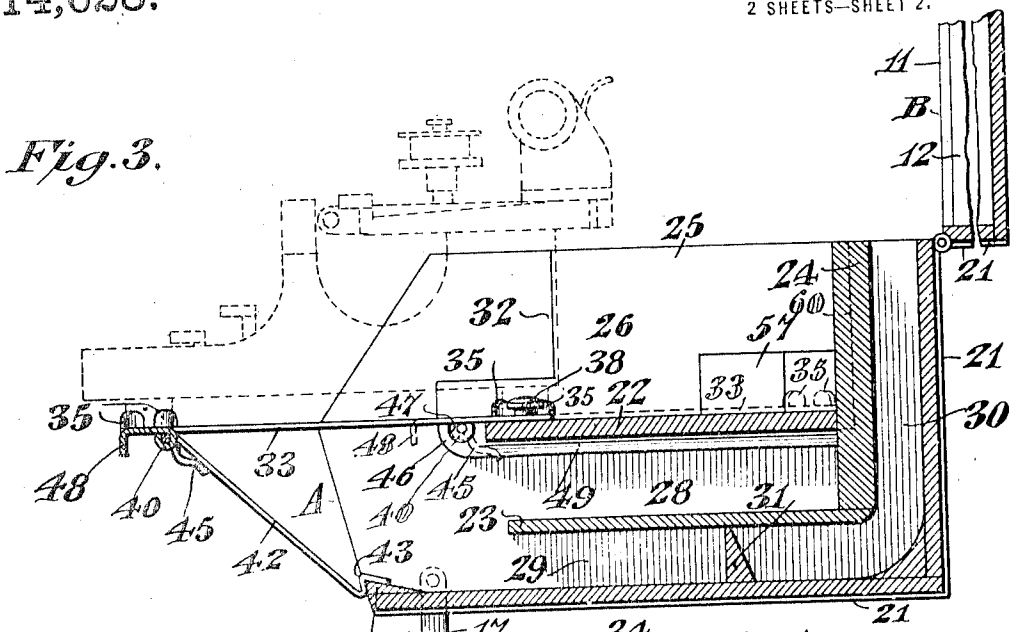


Fig. 5.

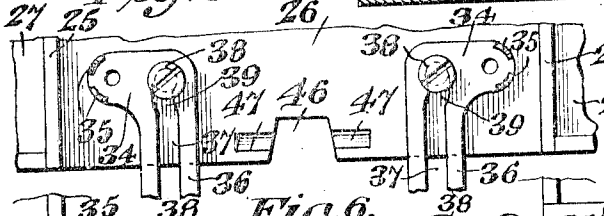


Fig. 6.

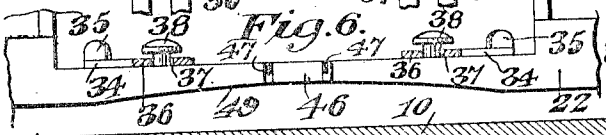


Fig. 7.

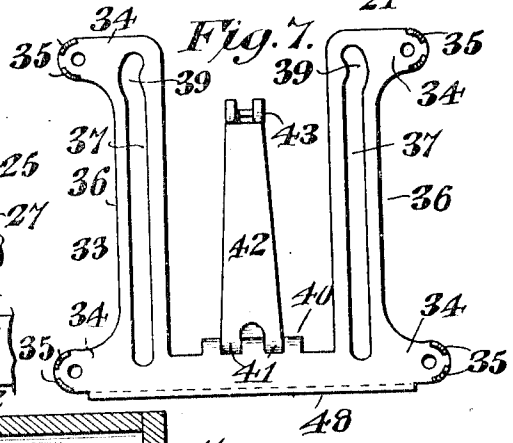
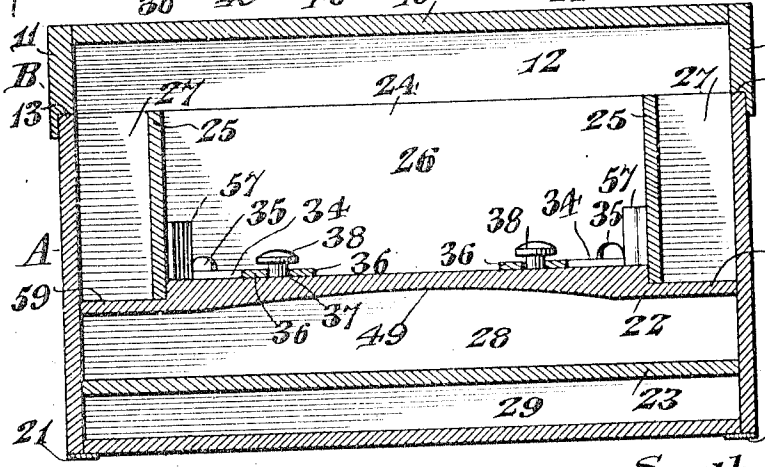


Fig. 4.



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UNITED STATES PATENT OFFICE.

SOUTHWELL WILLMAN, OF SPOKANE, WASHINGTON.

TYPE-WRITER DESK-CASE.

1,314,628. Specification of Letters Patent. Patented Sept. 2, 1919.

Application filed June 30, 1917. Serial No. 177,891.

To all whom it may concern:

Be it known that I, SOUTHWELL WILLMAN, a citizen of the United States, residing at Spokane, in the county of Spokane and State of Washington, have invented a new and useful Type-Writer Desk-Case, of which the following is a specification.

The invention relates to a traveler's desk case, and more particularly to foldable typewriter desk cases.

The primary object of the invention is the provision of a case of this character, wherein a foldable typewriter is supported for the convenient use thereof by travelers to permit typewriting when *en route*, and also which will hold the necessary writing materials, such as stationery, order blanks, memo slips, and other accessories for the conduct of business by a traveling salesman.

Another object of the invention is the provision of a case of this character, wherein the accessories, for use by the traveler, are held in pockets or compartments, which are readily accessible when the case is open and yet will be out of the way of the typewriter supported within the case for use so as to avoid any interference in the working of the typewriter.

A further object of the invention is the provision of a case of this character, wherein the same, on the opening thereof, affords a desk for papers, stationery articles, and a support for the typewriter to permit the convenient use thereof when the case is placed on a car seat, a chair, or other article, the case, when folded, being designed to completely house the typewriter and the supplies so that the same can be readily carried in the hand of the user without discomfort or the possibility of disarrangement of the contents of the case.

A still further object of the invention is the provision of a case of this character, which is simple in construction, strong, durable, reliable and efficient in its purpose, and inexpensive to manufacture.

Other objects will be in part obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, the combination of elements and arrangement of parts, which will be exemplified in the construction hereinafter set forth, and the scope of which will be indicated in the following claims.

In the accompanying drawings:

Figure 1 is a perspective view of a desk case constructed in accordance with the invention, the same being shown supported upon a car seat, and open.

Fig. 2 is a perspective view of the case having the top closed and the front partly open.

Fig. 3 is a vertical longitudinal sectional view, taken approximately centrally through the case, open, and showing the typewriter rack by full lines extended, and by dotted lines retracted, while the typewriter is shown by dotted lines in position upon the extended rack for use.

Fig. 4 is a vertical transverse sectional view through the case closed.

Fig. 5 is a fragmentary plan view, showing in detail the latching of the rack extended.

Fig. 6 is a front edge elevation of the supporting bed for the typewriter rack.

Fig. 7 is a plan view of the typewriter rack.

Similar reference characters designate like parts throughout the several figures.

The present invention in its construction embodies improvements over the construction of my invention forming the subject-matter of a Patent Number 1,246,203, granted Nov. 13, 1917.

Referring particularly to the drawings, A designates a box-like body, B the swinging top or cover, and C the front lid or closure of the case, the body being open throughout its upper side and the front. The top or cover B is formed with a marginal rim, which is deeper at the front 10 than at the sides 11, which latter are also deeper than the back 12 of said rim, and formed on the side 11 of the rim interiorly thereof are inset ledges 13, which contact with the sides at the upper edges thereof, and also with the beveled portions 14 of said sides at the front open end, when the top or cover B is closed, so that the sides 11 of the rim will overlap the sides of the body, while the deeper portion 10 of the rim will partially close the open front end of said body. The construction of the top or cover B with the marginal

rim assures the requisite interior capacity of the box for the housing and supporting of a foldable typewriter and stationery and other accessories or material in a manner presently described.

The lid or front closure section C is formed with a rim or flange 15 at three of its edges and the ends of said lid or section are of substantially triangular shape, so as to contact with the beveled portions 16 of the sides of the body at the open front, whereby the lid or closure section C when closed will lie substantially flush with the front 10 of the rim on the top or cover B. On the opening of the front end of the body by lowering the lid or closure section C to the position shown in Fig. 1, it can be used as a shelf or tray, the lid or cover section C being swingingly supported upon links 17 which are pivoted to the ends of the flange 15 and also pivoted to the sides of the body A, whereby the lid or section C can assume the positions shown in Figs. 1 and 2, or moved into closed position. The lid or section carries a suitable combined lock and hasp 18, which coöperate with a keeper 19 mounted on the front 10 of the top or cover B, so that the latter and the lid or section C can be fastened in closed position and securely lock the case against intrusion.

The front 10 of the top or cover B carries a suitable strap handle 20, so that the case can be carried in the hand when the occasion requires.

The top or cover B is suitably hinged to the rear wall or back of the body A, while secured exteriorly of said rear wall or back at the end edges thereof, and also extending over the back 12 of the rim of said top or cover and the bottom of the body A are protective straps 21, which prevent the marring or scratching or otherwise damaging of a support, when the case is placed thereon in the position shown in Fig. 1, or the position shown in Fig. 2 of the drawings, and these straps 21 also reinforce and strengthen the body of the case.

Arranged interiorly of the body A of the case is the upper horizontal partition 22, which extends from one side to the other of the body and has its rear and front edges spaced from the rear wall or back and the front open end of the body. The lower partition 23, extends from one side to the other of said body and at its rear edge meets a vertical partition 24, which rises therefrom to a point flush with the upper edges of the sides of said body and extends transversely to the opposite sides thereof. As shown in Fig. 3, the vertical partition 24 bears against the rear end of the horizontal partition 22. The partition 22 constitutes a supporting bed, and longitudinally thereof adjacent to the sides of the body A are formed suitable channels in which are arranged forwardly extending vertical partitions 25, which rise from the horizontal partition 22 to a height corresponding to the height of the transverse partition 24 to provide above the former an intermediate typewriter space 26 and outer envelop pockets or compartments 27. The partition 23, which is spaced below the partition 24 forms a compartment or space 28 for the reception of filing slips, account books, or the like, while immediately below the forward portion of the partition 23 is a compartment or space 29 for the reception of envelops or other articles. The space or compartment 29 is separated from the space or compartment 30 formed by the vertical transverse partition 24, through the medium of a vertical block or transverse partition 31, the space or compartment 30 being extended beneath the rear portion of the partition 23, so that long sheets of typewriter paper, or other stationery can be conveniently stored or held therein. It will be seen that by reason of the formation of the space or compartment 30, the necessity of materially increasing the depth of the case for accommodating long sheets of paper or stationery has been avoided, thereby assuring compactness to the case.

The front portions of the forwardly extending vertical partitions 25 are cut away, as at 32, so as to avoid any interference with the folding of the movable part of the foldable typewriter on occupying the space or compartment 26 between said partitions, when the typewriter is folded.

The pockets or compartments 27 for envelops will properly contain the same to avoid any undue upward protruding thereof into the path of the movable carriage of the foldable typewriter when set up for use, and will assure accessibility to the envelops.

Upon the partition 22, constituting the supporting bed, and working within the typewriter space or compartment 26 is a slidable typewriter bracket, which comprises a substantially U-shaped frame 33, preferably made from metal formed on opposite sides at the inner and outer extremities with offset curved ears 34 having upturned curvilinear lugs 35, and upon these ears rest the feet of the typewriter when placed upon the rack 33, in a manner as shown by dotted lines in Fig. 3 of the drawings, while the lugs 35 form stops for the feet to prevent displacement of the typewriter upon the rack. Formed longitudinally in the limbs 36 of the frame 33 are parallel slots 37 which receive therein headed guide pins 38 fixed in the bed 22 near the forward end thereof, the slots 37 being formed at their rear ends with curvilinear portions 39 which serve to slightly distort the limbs 36. When the frame 33 has been pulled outwardly to the position shown by full lines in Fig. 3 of the drawings, it will become latched by

the pins 38, as illustrated in Fig. 5 of the drawings to avoid the inward or retrograde movement of the frame 33 within the typewriter space 26, the limbs 36 of the frame being slightly resilient to permit lateral distortion thereof for the automatic latching of the frame, when extended to support the typewriter in position for use. The frame upon pressure being applied thereto at its front end can be readily moved inwardly within the typewriter space 26 for the positioning of the typewriter therein when not in use.

The extremities of the slots 37 in the limbs 36 of the frame 33 coact with the pins 38 to limit the forward and backward movement of the frame in extending and retracting the same. Formed medially of the closed forward end of the frame 33 are pivot eyes 40 receiving a suitable pivot which is also passed through the pivot eyes 41 formed at the forked end of a swinging brace or leg 42 connected by the pivot to the frame 33, the leg being formed with a hook end 43, which is adapted for engagement with a raised ledge strip 44 at the forward end of the bottom of the body A, when the frame 33 has been extended for the proper and secure supporting of the typewriter thereby, as is clearly shown in Fig. 3 of the drawings. The prop or leg 42 can be swung upwardly into the open center of the frame when the latter is to be retracted upon the bed 22 within the space 26 for the typewriter. The frame 33 at the closed end thereof at the point of the bifurcation in the prop or leg 42 has formed thereon a stop tongue 45, which limits the downward swinging of the prop or leg 42 for the engagement thereof with the ledge strip 44, as shown in Fig. 3 of the drawings. The front edge of the bed 22 centrally thereof is cut away to provide a notch 46 constituting a clearance for the pivoted end of the leg or prop 42, when the frame 33 has been moved inwardly upon the bed 22, and intersecting this notch 46 at opposite sides are counterseats 47, which accommodate the pivot eyes 40 on the closed end of the frame 33, and in this manner said frame when retracted within the space 26 can be held therein against outward displacement, it being necessary to slightly raise the frame when it is desired to extend the same, so as to disengage the pivot eyes 40 from the counter seats 47 on opposite sides of the notch 46 in the front edge of the bed. The front closed end of the frame 33 is formed with a depending flange 48 constituting a finger gripping portion to permit the convenient manipulation of the frame for the extension of the frame from or its retraction within the typewriter space or compartment 26 in the case.

The under face of the bed 22 medially thereof is tunneled to form the arch 49, so as to avoid the cramping of the hand within the compartment or space 28 when inserted therein to remove filings or other articles therefrom.

Upon the inner face of the top or cover B is mounted approximately centrally thereof a receiver 50, which forms a pocket for receiving paper clips or other fasteners for use in binding materials or stationery together or in fact any small articles may be held therein, and the same is closed through the medium of a hinged lid or cover 51, which is held in closed position by a resilient catch 52. The receiver 50 is located so as to fit within the basket of the typewriter when the top or cover B is closed.

The top or cover B is provided on its inner side with two or more projections 53 for engagement with the typewriter to hold it from vibration or movement within the space or compartment 26 when the case is closed and carried or supported with its rear wall downward.

When the rack, constituted by the frame 33, is extended, the typewriter is not removed therefrom as the case provides a support which is of the required height and the typewriter is held in proper position for use and affords leg space or room beneath the rack.

The sides of the body A have swingingly pivoted thereto latch hooks 54, which are adapted to engage the keepers 55 on the sides of the rim of the top or cover B, and these keepers are formed with rotatable latch heads 56 designed to lock the latch hooks 54 engaged therewith to prevent the accidental disengagement of the same when the top or cover B is closed, as shown in Fig. 2 of the drawings. The case, when in this position, is accessible, so that papers can be removed from the compartments 28 and 29 exposed through the partially open front of the body of the case, as will be obvious.

Secured to the forwardly extending vertical partitions 25 at the rear corners of the compartment 26 are wedge-shaped blocks 57 with which coact the rearmost ears 34 of the frame 33 constituting the rack when retracted within said compartment 26, so as to avoid lateral displacement of the rack and the typewriter carried thereby.

On the lid or closure C at the inner side thereof is carried a suitable holder clip 58 in which an oil can and cleansing brush are adapted to be removably held, being readily accessible for use, when the lid or closure C has been swung to open position.

The horizontal partition 22 constitutes the bottoms 59 for the pockets 27, which bottoms are on a lower level than the bed formed by said partition 22 for the typewriter within the compartment 26, so that the carriage of the typewriter, when moved,

will not engage with the upper edges of standard envelops held within the pockets 27. Likewise the partition 24 is cut away as 60 designates at the pockets 27, so as to give the required length to said pockets to accommodate the standard large or long envelops.

The reduced end portions 60' of the partition 24 and the reduced side portions 59 of the partition 22 provide shoulders at the ends and along the sides of the vertical partitions 25 so as to properly hold the latter in place.

From the foregoing, it is thought that the construction and manner of operation of the invention will be clearly understood, and, therefore, a more extended explanation has been omitted.

What is claimed is:—

1. A case of the character described, comprising a body having an open top and front, a main cover hinged to the rear wall and closing the top and a portion of the front, an independent lid having a marginal flange at three of its edges for closing the remaining portion of the front, and links pivoted to the body and the lid for swingingly supporting the latter, whereby the lid when in open position may be swung against the bottom entirely removed from the open front or may hang pendently below the bottom with its inner side up and in advance of the front edge of the bottom so as to serve as a shelf or tray.

2. In a case of the character described, a body having a horizontal partition, a slidable bracket mounted upon said partition, said bracket being provided with a pair of spaced apart limbs of flat metal with longitudinal slots extending along the same, pins fixed to the partition and fitting in said slots, the inner ends of said slots being curved inwardly, whereby when the pins enter the curved portions of the slots, the free ends of the limbs yield inwardly and lock the bracket in extended position.

3. In a case of the character described, a body having a horizontal bed or partition, a U-shaped frame slidable along the same, longitudinal slots in the limbs of said frame, said slots having their inner ends which are located at the free ends of the limbs, curved inwardly, and pins rising from the bed or partition and received in said slots, the resiliency of the limbs causing the latching of the frame when the pins reach the curved ends of the slots in the sliding movement of the frame.

4. In a case of the character described, a body having a horizontal partition provided at each side with vertically disposed wedges, a slidable bracket mounted upon said partition and provided at opposite sides with offset ears to contact with said wedges and hold the bracket from lateral displacement.

5. In a case of the character described, the body having a horizontal partition provided with upwardly projecting pins, a U-shaped frame having side limbs with longitudinal slots receiving the pins, offset ears at the free ends of the limbs, and wedge-shaped blocks with which said ears contact when the frame is moved inwardly.

6. In a case of the character described, a body open at its front and top, a horizontal partition therein extending from side to side of the body and forming a horizontal compartment accessible through the open front, a vertical transverse partition rising from the horizontal partition and extending across the body from side to side and spaced from the back forming a vertical compartment which is accessible only through the open top, said compartment being extended beneath said horizontal partition to form a continuation thereof, a transverse vertical partition extending from the bottom of said horizontal partition to the bottom of said body, and located at an intermediate point thereof, and serving as the lower end wall of said vertical compartment, and the rear wall of a horizontal compartment which is open at the front and cover sections for said body.

7. In a case of the character described, a body open at the top and front, a pair of spaced horizontal partitions extending from side to side of the body and spaced from the front and back thereof, a vertical partition rising from the lowermost horizontal partition to the top of the body and extending from side to side, said vertical partition being spaced from the back of the body to provide a vertical compartment which extends down around and beneath the lowermost partition, and said vertical partition forming the backs of the compartments defined by the said horizontal partitions, a transverse vertical partition extending from the bottom of the lowermost horizontal partition to the bottom of said body and located at an intermediate point thereof, and serving as the lower end wall of said vertical compartment and the rear wall of a horizontal compartment which is open at the front, and covers for closing the open top and front of the body.

8. The body having a horizontal fixed partition extending from one side of the body to the other, said partition having along each side a portion of reduced thickness, each reduced portion being of uniform width from one end of the partition to the other and forming a shoulder where it joins with the main portion of the partition, a vertical partition at the end of the horizontal partition and extending from one side of the body to the other, and also having reduced end portions equally spaced from the sides of the body and of uniform width, said re-

duced end portions forming shoulders which register with the shoulders of the horizontal partition, and other vertical partitions mounted at the sides of the horizontal partition against the shoulders thereof and having their ends bearing against the shoulders of the first-named vertical partition and forming pockets with the side walls of said body, the reduced side portions of the horizontal partition forming the bottoms of said pockets and the reduced end portions of the first-named vertical partition forming the end walls of the pockets, the said horizontal and vertical partitions defining an inner compartment, the bottom of which is elevated above the bottoms of said pockets, and means mounted on said horizontal partition to support a typewriter, whereby when a typewriter is held within said compartment and its carriage is moved it will clear the pockets and not contact with envelops projecting therefrom.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

SOUTHWELL WILLMAN.

Witnesses:
BEECHER HITCHCOCK,
R. COONS.