

May 17, 1932.

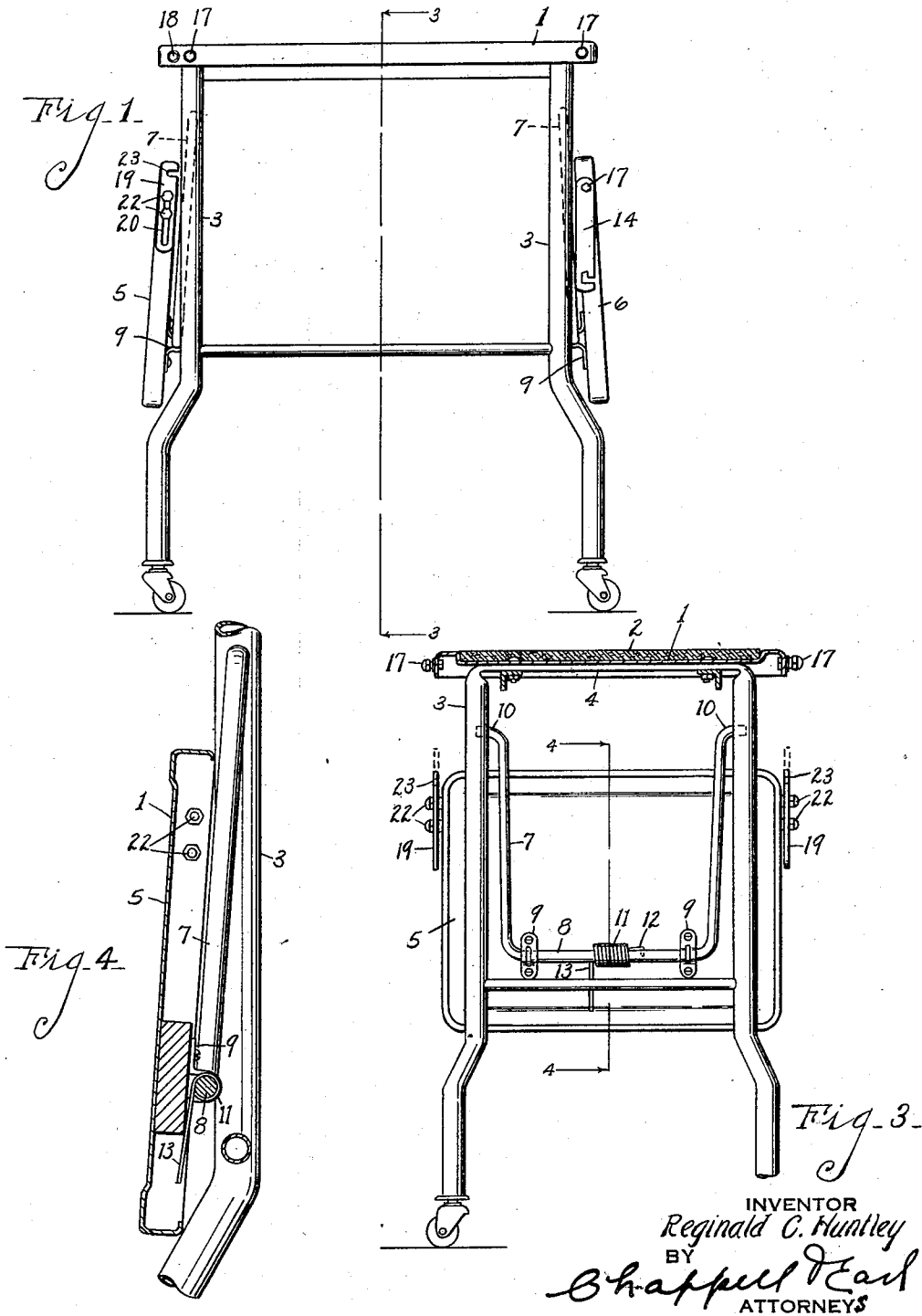
R. C. HUNTLEY

1,858,857

STAND OR TABLE

Filed June 27, 1930

2 Sheets-Sheet 1



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STAND OR TABLE

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2 Sheets-Sheet. 2

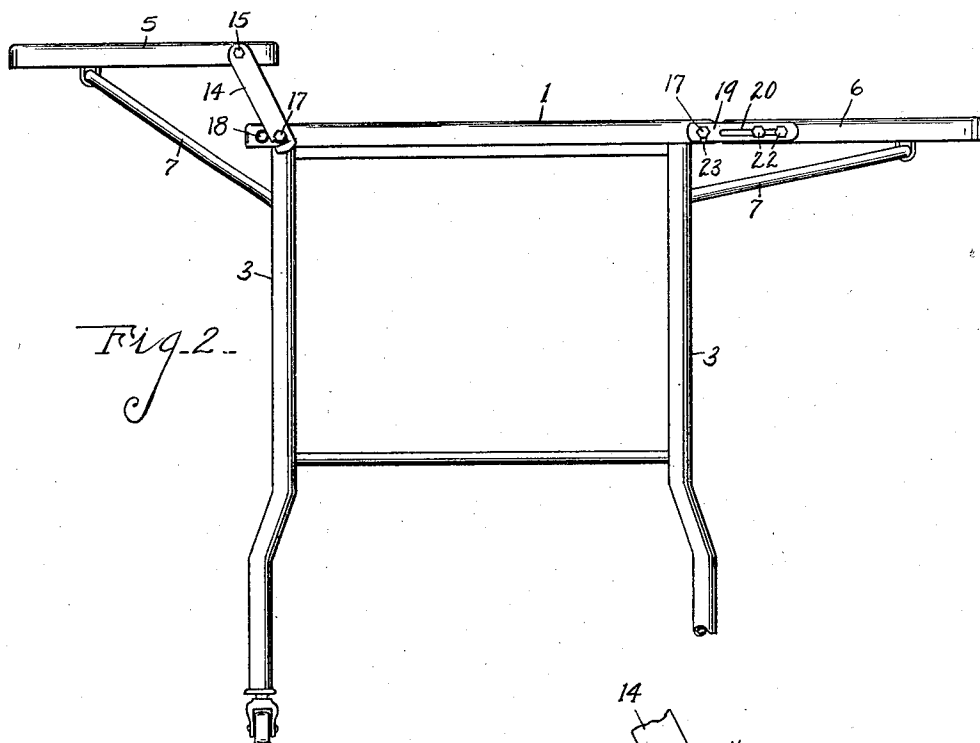


Fig. 2-

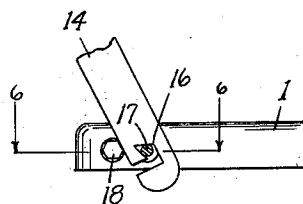


Fig. 5-

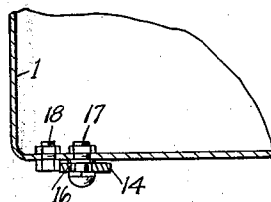


Fig. 6-

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STAND OR TABLE

Application filed June 27, 1930. Serial No. 464,243.

The main object of this invention is to provide a typewriter stand or table having shelves which may be quickly erected and when erected are rigid and secure, and also which may be easily collapsed and when collapsed is very compact.

A further object is to provide a structure having these advantages which is economical to produce and very strong and rigid, being largely formed of metal.

Objects pertaining to details and economies of my invention will definitely appear from the description to follow. The invention is defined in the claims.

A structure which embodies the features of my invention is clearly illustrated in the accompanying drawings in which:

Fig. 1 is an elevation of my improved stand or table with the shelves collapsed.

Fig. 2 is an elevation of the opposite side of the table with the shelves erected, one pair of legs being partially broken away.

Fig. 3 is a vertical section on line 3—3 of Fig. 1.

Fig. 4 is an enlarged fragmentary view in section on line 4—4 of Fig. 3.

Fig. 5 is an enlarged fragmentary view partially in section showing details of one of the shelf supports.

Fig. 6 is a detail section on line 6—6 of Fig. 5.

In the embodiment of my invention illustrated the top 1 is formed of sheet metal having a recessed central portion with a facing 2 of linoleum or like material arranged therein. The legs 3 are formed of tubular material connected in pairs by cross pieces 4 secured to the under side of the top.

I provide shelves 5 and 6 and the shelf 5 is mounted so that it is supported in a plane above the top of the table when erected, while the shelf 6 is supported in the plane of the top.

Each of these shelves is provided with supporting struts 7 of bail-shape, their cross pieces 8 being secured to the under sides of the shelves by means of the clips 9. The struts have laterally turned pivots 10 at the ends of their arms which are engaged in holes on the inner sides of the pairs of legs.

Coiled springs 11 are arranged on the cross pieces 8 with one end 12 of the springs secured to the cross piece and the other end terminating in an arm 13 which engages the under side of the shelf, thereby acting to swing the upper end of the shelf inwardly when the shelf is collapsed as shown in Figs. 3 and 4, and to urge it downwardly when the shelf is erected. The spring is an important part when the shelf is adjusted to either position as it assists in holding the supporting parts of the shelf in engaging position when the shelf is erected.

In addition to the supporting strut 7 the shelf 5 is provided with supporting links 14 which are pivoted at 15 to the side edges of the shelf and have bayonet slots 16 engageable with the studs 17 projecting from the side edges of the top. The links are held in position to hold the shelf horizontally by means of the rests 18 on the top positioned to engage the outer edges of the links as is clearly shown in Figs. 2 and 5.

The bayonet slots and these rests effectively support the links and at the same time permit their easy disengagement for the collapsing of the shelf. The spring acts to urge the inner end of the shelf downwardly so that it can be disengaged only by an upward lift or pull on the inner end of the shelf. The spring also serves to hold the shelf in upright position when collapsed as shown in Fig. 4.

The shelf 6 is supported in erected position by links 19 which are longitudinally slotted at 20 to engage pairs of headed studs 22, thereby slidably supporting the links on the sides of the shelf. These links have lateral downwardly opening slots 23 which engage the adjacent headed studs 17.

The spring acting to urge the inner end of the shelf downwardly maintains the links in engagement with these studs.

My improved table or stand is simple and economical in structure and at the same time is neat and attractive in appearance. The shelves may be quickly erected or collapsed and when erected are very rigidly supported.

Having thus described my invention what

I claim as new and desire to secure by Letters Patent is:

1. The combination with a stand or table comprising legs and a top, of a shelf, a bail-shaped strut having its arms pivotally mounted on a pair of the legs and its cross portion pivotally secured to the under side of said shelf, links pivotally secured to the edges of the shelf adjacent its inner end and having bayonet slots at their inner ends, said top having laterally projecting studs with which said slots may be engaged for supporting said shelf in erected position, said top having rests with which the inner edges of said links engage when the shelf is erected, and a coiled spring arranged on the cross portion of said strut with one end of the spring secured thereto, the other end of the spring terminating in an arm engaging the shelf, said spring acting to urge the inner end of said shelf downwardly when the shelf is erected and to support the shelf in upright position when the shelf is collapsed. 70
2. The combination with a stand or table comprising legs and a top, of a shelf, a bail-shaped strut having its arms pivotally mounted on a pair of the legs and its cross portion pivotally secured to the under side of said shelf, and links pivotally secured to the edges of the shelf adjacent its inner end and having bayonet slots at their inner ends, said top having laterally projecting studs with which said slots may be engaged for supporting said shelf in erected position, said top having rests with which the inner edges of said links engage when the shelf is erected. 75
3. The combination with a stand or table comprising legs and a top, of a shelf, a bail-shaped strut having its arms pivotally mounted on a pair of the legs and its cross portion pivotally secured to the under side of said shelf, links secured to the edges of the shelf adjacent its inner end and having slots at their inner ends, said top having studs with which said slots may be engaged for supporting said shelf in erected position, and a coiled spring arranged on the cross portion of said strut with one end of the spring secured thereto, the other end of the spring terminating in an arm engaging the shelf. 80
4. The combination with a stand or table comprising legs and a top, of a shelf, a strut having arms pivotally mounted on a pair of the legs and pivotally secured to the under side of said shelf, links secured to the edges of the shelf adjacent its inner end and having slots at their outer ends, said top having studs with which said slots may be engaged for supporting said shelf in erected position. 85
5. The combination with a stand or table comprising legs and a top, of a shelf, a bail-shaped strut having its arms pivotally mounted on a pair of the legs and its cross portion pivotally secured to the under side of said shelf, links slidably secured to the edges of the shelf adjacent its inner end and having slots at their inner ends, said top having studs with which said slots may be engaged for supporting said shelf in erected position, and a coiled spring arranged on the cross portion of said strut with one end of the spring secured thereto, the other ends of the spring terminating in an arm engaging the shelf. 90
6. The combination with a stand or table comprising legs and a top, of a shelf, a strut having arms pivotally mounted on a pair of the legs and pivotally secured to the under side of said shelf, and links slidably secured to the edges of the shelf adjacent its inner end and having slots at their outer ends, said top having studs with which said slots may be engaged for supporting said shelf in erected position. 95

In witness whereof I have hereunto set my hand.

REGINALD C. HUNTLEY.

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