July 11, 1950 A. P. LANTZ 2,514,702

PORTABLE IRONING BOARD

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FIG. 1.

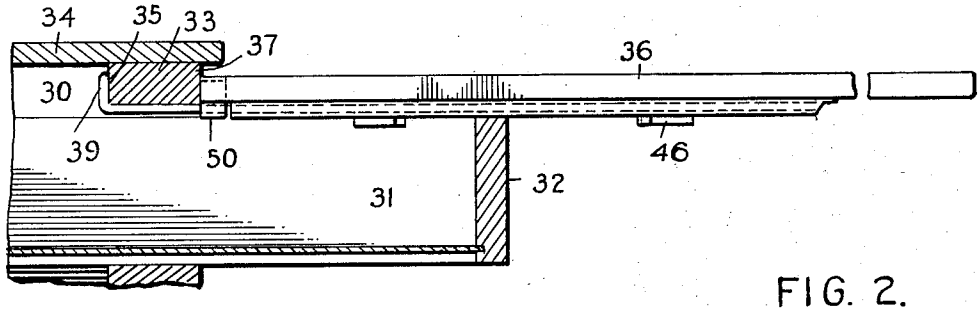


FIG. 2.

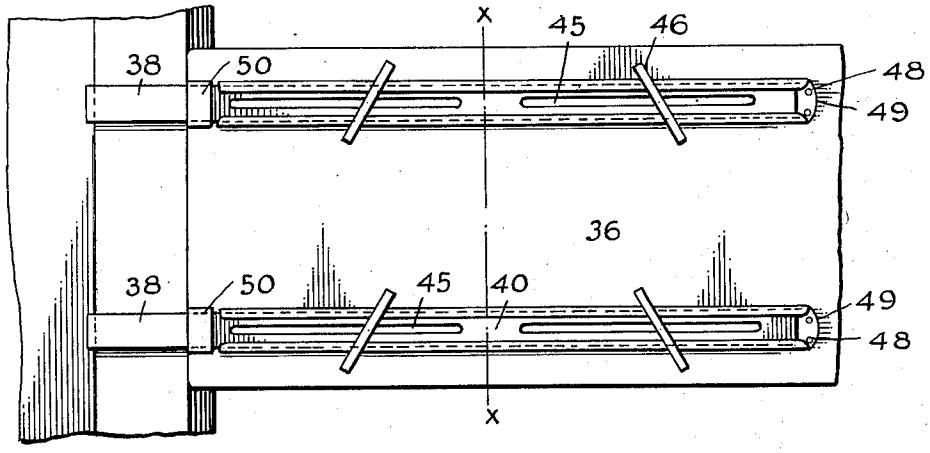


FIG. 3.

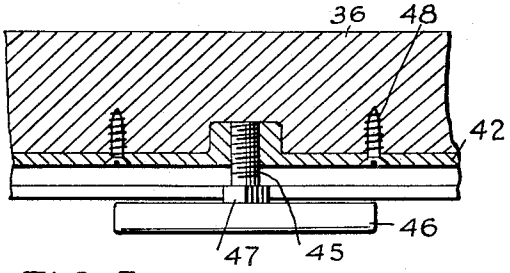


FIG. 4.

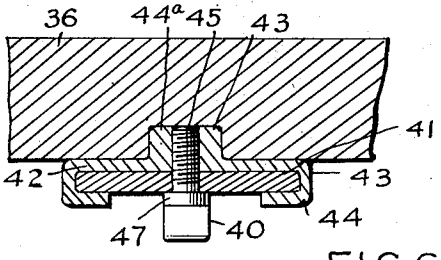


FIG. 5.

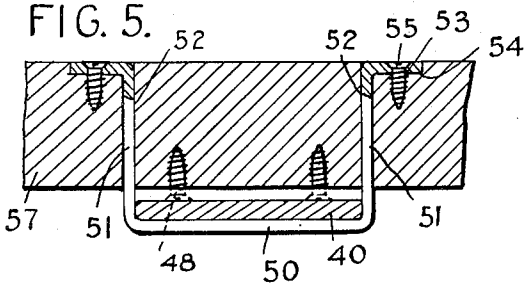
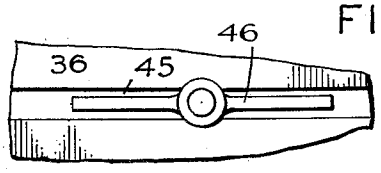


FIG. 6.



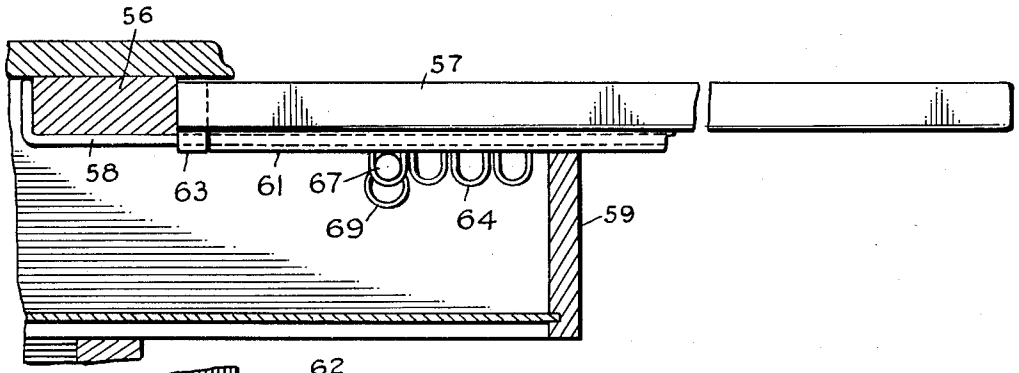
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PORTABLE IRONING BOARD

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FIG. 7.



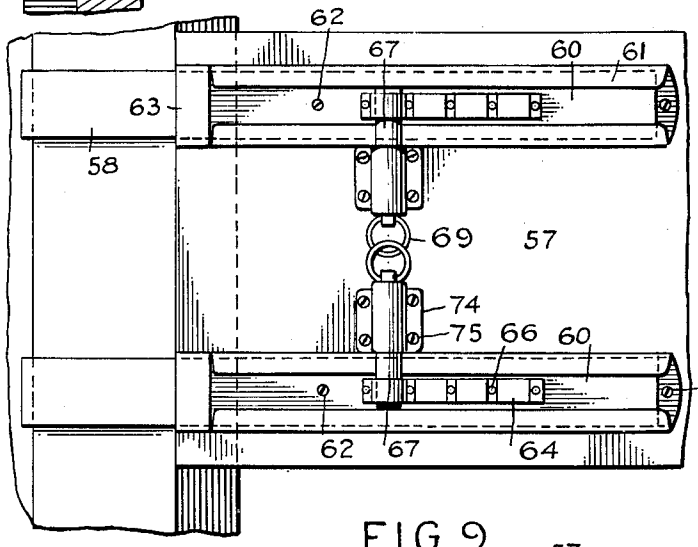


FIG. 8.

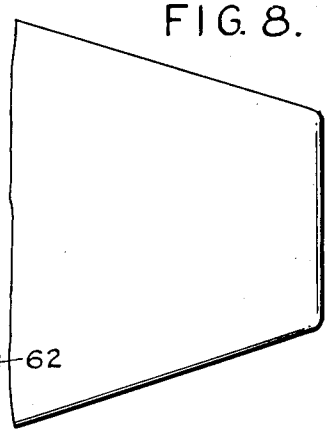


FIG. 9.

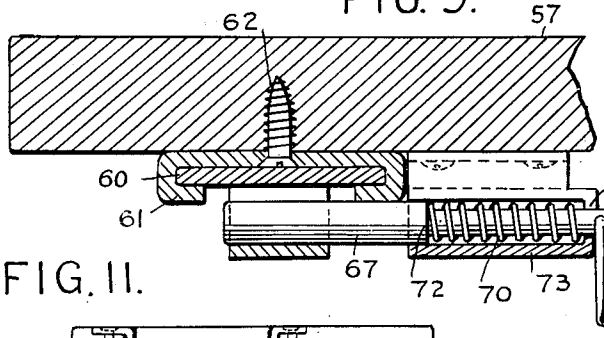


FIG. 10.

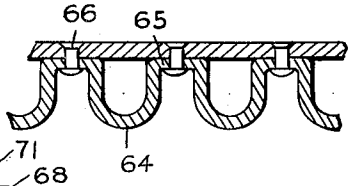
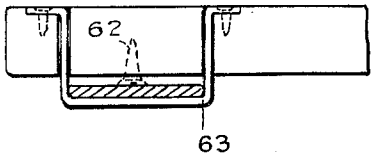


FIG. 11.



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PORTABLE IRONING BOARD

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FIG. 12.

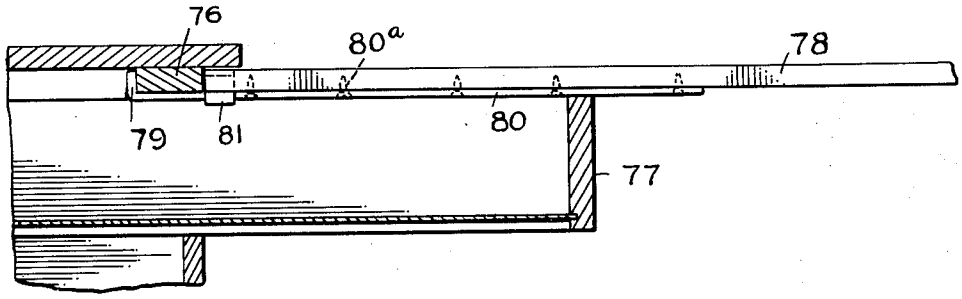


FIG. 13.

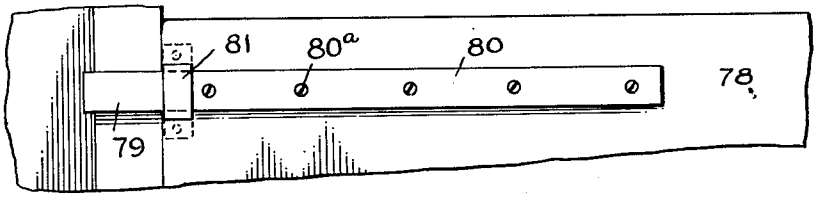


FIG. 14.

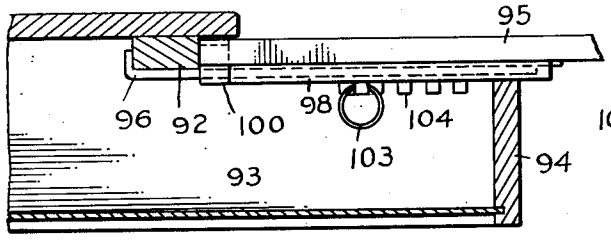


FIG. 16.

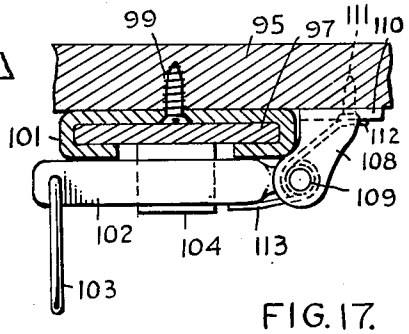


FIG. 15.

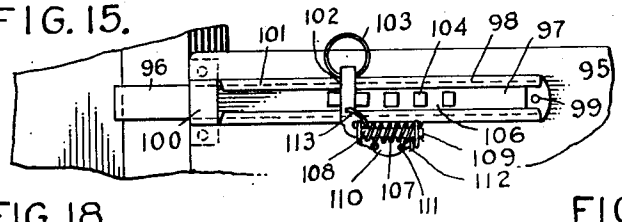


FIG. 17.

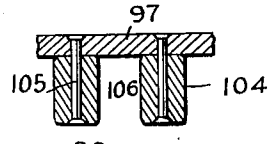


FIG. 18.

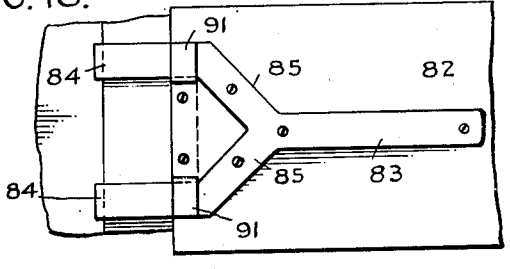
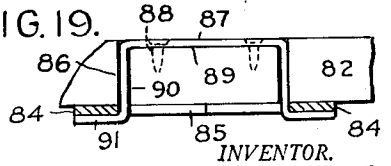


FIG. 19.



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PORTABLE IRONING BOARD

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FIG. 21.

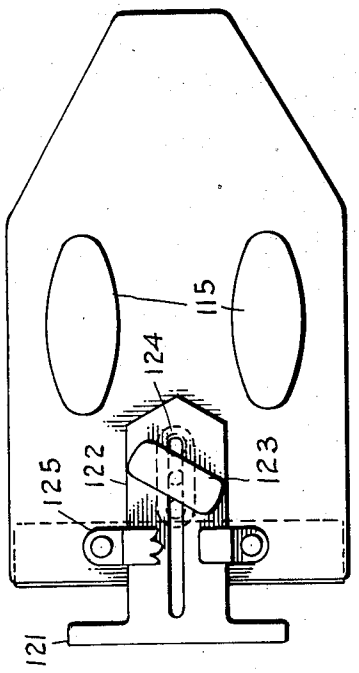


FIG. 22.

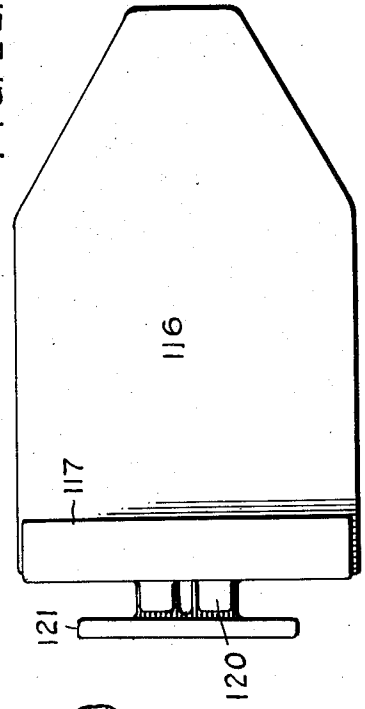


FIG. 23.

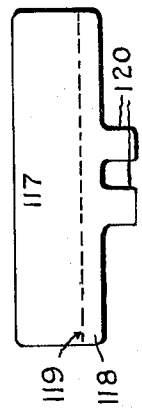


FIG. 20.

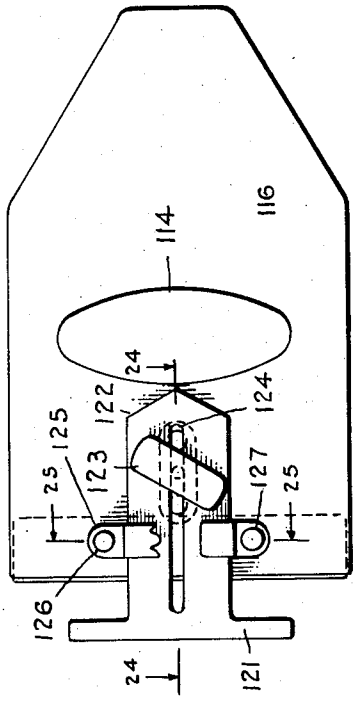


FIG. 24.

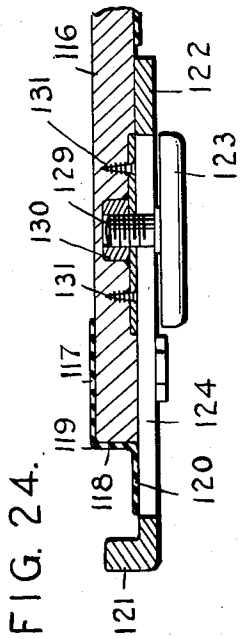
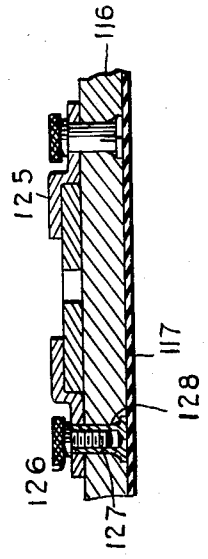


FIG. 25.



Inventor

ALPHA PERRY LANTZ

By Williams & Williams

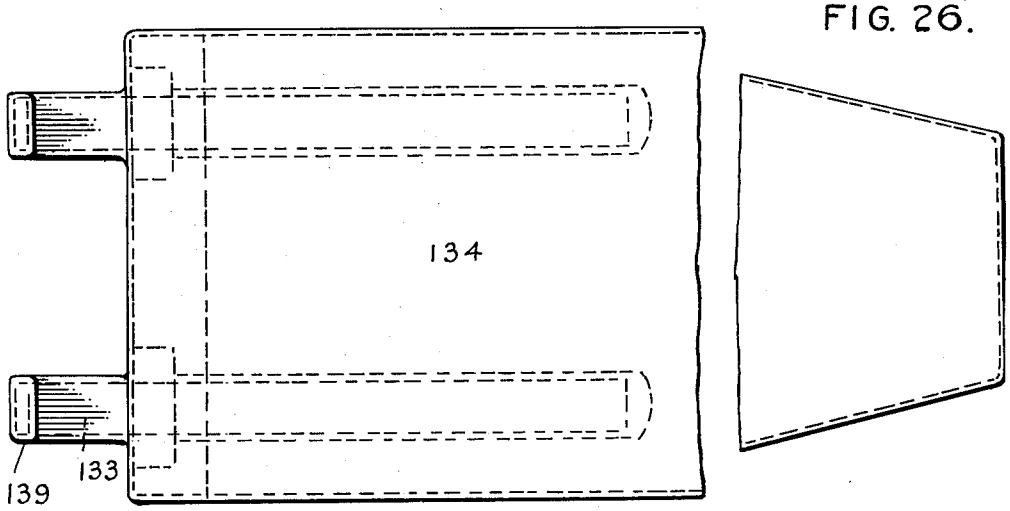
Attorneys

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PORTABLE IRONING BOARD

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FIG. 26.



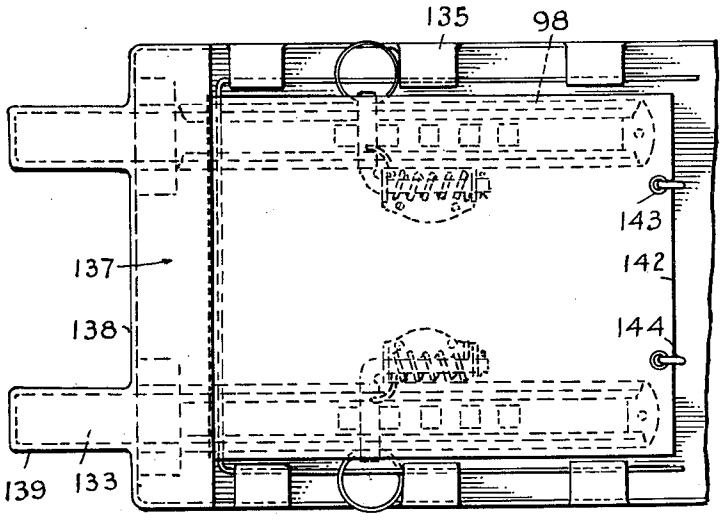


FIG. 27.

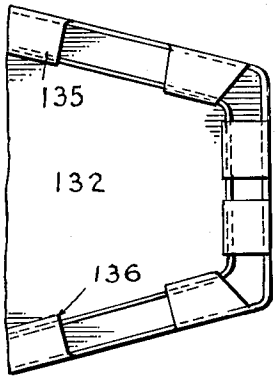


FIG. 29.

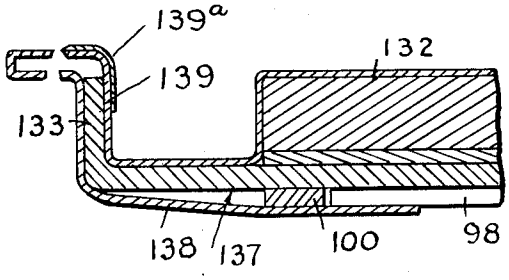


FIG. 28.

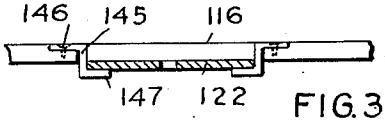
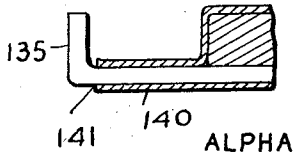


FIG. 30.



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Patented July 11, 1950 2,514,702

UNITED STATES PATENT OFFICE

2,514,702

PORTABLE IRONING BOARD

Alpha Perry Lantz, Washington, D. C.

Application March 8, 1944, Serial No. 525,565

8 Claims. (Cl. 38—104)

1

This invention relates to portable ironing boards, and has for its object the provision of a board provided with attaching means of simple and efficient construction adapted to be conveniently carried by a party traveling from place-to-place or to be kept in an accessible place, as a hotel room and the like, to be applied, as necessity or convenience dictates, to an appropriate article of furniture usually located in such room, such as a desk, dresser, or the like possessing a drawer or drawers.

In present day practices, wherein such utilities as laundry implements, particularly ironing boards, are not readily at hand, and laundry establishments or equipments over-burdened with work and consequently much delayed in their service to patrons, there is a great demand for personal equipment enabling one to care for the necessities of occasions, and it is mainly with these considerations in view that the present device is provided.

Although an ironing board, whether of the usual substantial length capable of service in the broader field, or of relatively smaller size for correspondingly limited use, is to be provided, there are many attaching or securing devices that may be conceived and resorted to in meeting the conditions of the immediate service, but I contemplate primarily the use of simple means capable of cooperating with the elements customarily in articles of furniture at hand, enabling a simple introduction of the securing means for the board into the normal opening—as a dresser drawer opening—and interengaging with a part of the framework of the dresser or equivalent article to constitute a stable or rigid supporting device.

Such embodiments of this idea in practical and operative form, constituting the preferred construction in mind, will be illustrated in the drawings forming a part of this specification, it being understood that in matter of detail and arrangement, equivalent elements may be resorted to without departing from the spirit of the invention.

In the drawings—

Figure 1 is a vertical sectional view through a fragmentary upper portion of a dresser, desk or the like, exhibiting the upper slidable drawer thereof withdrawn to constitute a base support intermediate of the ends of an ironing board attachment, the latter being shown in supported position on the edge of said drawer and interengaged with an upper part of the frame structure.

Fig. 2 is a bottom view of the ironing board

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structure showing the engagement thereof with the frame member.

Fig. 3 is a longitudinal sectional view through one of the fastening devices for setting the board supporting and bracing members in desired positions of extension.

Fig. 4 is a transverse sectional view of the parts illustrated in Fig. 3.

Fig. 5 is a detailed sectional view showing the means guiding the furniture-engaging part longitudinally of the ironing board in setting the length or distance of the furniture-engaging part from the end of the board.

Fig. 6 is a bottom view of Fig. 3.

Fig. 7 is a sectional view similar to that of Fig. 1 illustrating a different means for adjusting the furniture-engaging part of the ironing board to determine its extension relative to the end of the board and lock the same in said extended position.

Fig. 8 is a bottom view of the board and immediately associated parts illustrated in Fig. 7.

Fig. 9 is a transverse sectional view of one of the devices for interlocking the shank of the furniture-engaging part with the cooperating means on the ironing board.

Fig. 10 is an enlarged sectional view showing said cooperating interlocking means on the ironing board.

Fig. 11 is an end view of the ironing board of Figs. 7 and 8 showing one of the guides on said board through which the furniture-engaging part can slide back and forth.

Fig. 12 is a sectional view of the fashion of Figs. 1 and 7 showing a still further embodiment of the invention wherein it is not required to have the furniture-engaging part adjustable with reference to the ironing board.

Fig. 13 is a bottom view of the ironing board of Fig. 12.

Fig. 14 is a sectional view of the same character as Fig. 12 showing a still further embodiment of the invention and comprising an adjustable furniture-engaging part adapted to be held in any position of adjustment by a spring retained pivoted latch extending laterally of the board and towards and from the same at the bottom thereof to engage suitable keepers on the adjustable furniture-engaging part.

Fig. 15 is a bottom view of the device of Fig. 14.

Fig. 16 is a transverse sectional view through the spring actuated latch, and its keeper, and the associated parts illustrated in Figs. 14 and 15.

Fig. 17 is an enlarged sectional view through one form of keeper on the furniture-engaging

part, constituting the means for engaging said transversely swinging spring-pressed latch of Fig. 16.

Fig. 18 is still another embodiment of the invention of the simplified variety generally suggested in the illustrations of Figs. 12 and 13, in this instance having a pair of furniture-engaging parts, as distinguished from the single furniture-engaging part of Figs. 12 and 13.

Fig. 19 is an end view of the ironing board of Fig. 18 showing the manner of strengthening and bracing the same and furniture-engaging part, the latter being illustrated in transverse section.

Fig. 20 is a back or bottom view of a form of my invention wherein the board, attaching means, and associated parts may be formed of metal or plastic composition, having appropriate means for enabling adjustable application thereof upon a drawer of a dresser or the like, and a form of cushioning or protecting means.

Fig. 21 is a similar view showing a different manner of applying a cushioning or rubber-like protecting medium to avoid marring the finish of the dresser drawer upon which the device rests, and also showing the manner of releasing the board from its dresser-engaging device.

Fig. 22 is a front or top view of the device as illustrated in Fig. 20 or Fig. 21.

Fig. 23 is an elevation of a rubber or the like surfacing member for the end of the plastic or composition board of Fig. 22.

Fig. 24 is a longtudinal sectional view intersecting the screw fastening device between the board and dresser-engaging device of the embodiments suggested in Figs. 20, 21 and 22.

Fig. 25 is a section on the line **25—25** of Fig. 24.

Fig. 26 is a top plan of one of the ironing boards, for example the form of Fig. 15, provided with an ironing board pad of heavy cloth or the like, parts being shown in section.

Fig. 27 is a bottom plan of the same.

Fig. 28 is a view of the underside thereof.

Fig. 29 is a fragmentary end view illustrating a modified form of guide for the furniture-engaging member of Fig. 22, for example.

Fig. 30 is a fragmentary section illustrating a modification of the cover member of Fig. 28.

Referring more specifically to the drawings, and first with particular regard to that embodiment thereof illustrated in Figs. 1 to 6 inclusive, **30** is the upper section of a dresser, or it may be a desk, table or similar structure, provided with a customary slidable drawer **31** adapted to be normally encased but capable of being withdrawn partway, as shown, whereby the front **32** of the drawer may constitute a bottom support or rest for the ironing board attachment. It is common in furniture structures, such as referred to, to have a bridge member or brace **33** rigidly secured underneath the top **34** of the furniture, extending transversely above the open top of the drawer and bordering the drawer-receiving space therebelow. Said element **33** possesses a square or abrupt inner wall **35**, of importance in utilizing the improved ironing board attachment. Said attachment comprises a board of desirable length and width—it may be what is styled a full length board, or a shorter board, etc. and is of a character and contour to be placed in supporting position upon the front wall or member **32** of the drawer when withdrawn and to abut at its inner end with the forward edge or wall **37** of the bridge piece **33**, to stabilize the board in an inward as well as lateral direction and to support the board from the drawer on a transverse line at any desired position transversely of the board and within the longitudinal range of adjustment of the drawer.

To fasten the ironing board **36** in the position referred to relative to the drawer and furniture structure of which the drawer is a part, I provide a pair of metal hook-like members **38** adapted to lie flat against the underside of the bridge piece **33**, the upturned ends **39** of which engage behind and against the rear face or wall **35** of said bridge piece **33**. These hook-like members **38** have elongated shanks **40** interfitted with the slide ways **41** respectively, formed within flanged guide members **42** with their bases rigidly secured against the bottom face or back of the ironing board **36**, said bases having depending bends **43** terminating in flanges **44** underlying the edges of the shanks **40**. The shanks **40** are provided with elongated slots **45**, two in each shank being shown but a single or even more of the slots being used if found expedient, and through these slots the shanks of thumb screws **46** work to bind the shanks **40** of the hook-like members **38** in adjusted position between the head **47** of the screws and the members **42**, the latter having bosses or studs **43** fitting appropriate recesses provided therefor in the bottom of the ironing board **36** and said studs having interiorly threaded portions **44***a* for the corresponding threaded shanks or stems **45** of the thumb screws **46**. In this manner a convenient, strong and perfectly rigid fastening of the ironing board to the shanks **40** of the hook-like members **38** may be readily accomplished. The bases **42** of the guides or slideways are, of course, held against movement facewise of the ironing board **36** by means of the engagement of the bosses **43** with the complemental bottom portions of the ironing board, but it is desirable that other means also be utilized to secure the same against detachment from the board, and to that end screws **48** are passed through the members **42** into the ironing board at suitable points spaced longitudinally of the latter and also through extensions **49** on the base of the guideways, as will be clear from Figs. 2 and **3**.

The guiding members just described for the shanks **40** of the hook-like members **38**, terminate short of the inner end of the ironing board which abuts the forward wall of the bridge piece **33** and, preferably, still further means for additionally guiding said shanks as well as still more firmly attaching the latter slidably to the board **36**, are provided. This last-mentioned means comprises a pair of U-shaped metal brackets or stirrups **50**, the closed bottoms of which pass around the shanks **40** of the hook-like members **39** with the upwardly extended parallel arms **51**, received in kerfs or grooves **52** in the end of the board **36** and the upper ends thereof offset horizontally to provide fastening flanges **53** secured in suitable recesses **54**, in the adjacent surfaces of the board, by screws **55**. This provides a very strong structure at the point of abutment of the ironing board with the bridge piece **33**. It will be understood that as the ironing board attachment is secured in place the board will have its inner end flush against the bridge piece **33** and the hook-like members **39** fastened through the medium of the thumb screws **46** as tightly as permitted by the manual operation in gripping the bridge piece **33** of the furniture between the upturned portions of the hook-like members **39** and the inner end of the ironing board.

Referring now to the embodiment of the in-

vention illustrated, in detail, in Figs. 7 to 11 inclusive, it will be instantly appreciated that the application of the ironing board to the furniture structure is the same as in the structure already described, the difference residing primarily in the means enabling adjustment and for securely fastening the ironing board and its attaching hook-like members in the various desired or necessary positions. In this embodiment the bridge piece or structural brace member of the dresser or the like is indicated at 56, the ironing board at 57, the hook-like engaging members for the bridge piece at 58, and the front wall of the drawer at 59. Each of the hook-like members 58 has a shank 60, as formerly, adapted to be worked back-and-forth in flanged and underlying guideways 61 secured against the bottom of the ironing board 57, by screws 62 as illustrated; and additionally strengthened at the end of the ironing board where the latter abuts against the bridge piece 56 by stirrups 63 in form and fashion like the stirrups 50 of the first-described device. In the present instance a single line of screws 62 is shown as securing the guide members 61 to the bottom of the ironing board. This differs from the illustration in Fig. 5 where several series of screws 48 are illustrated. The two illustrations make clear optional variations that can be resorted to.

Now, the essential characteristic of the embodiment of the invention of Figs. 7–10 under discussion, is the device or devices for locking the attachment in adjusted positions as determined by the space desired between the hooked end of the members 58 and the near end of the ironing board for the appropriate reception of the bridge piece 56. It will be understood that it is the purpose to grip the bridge piece as firmly as possible when the board rests upon the front wall 59 of the drawer when withdrawn in position for service. To provide an ample range of adjustment to meet practically all of the conditions encountered, by a construction wherein greater interlocking engagement of the relatively slidable parts is concerned, I form the shanks 60 of the hook-like members 58 with or attach thereto a series of metal loops or keepers 64, the same however being preferably formed of metal bent to provide the flat securing portions 65, riveted as at 66, intermediate of the loops or keepers 64. Disposed transversely of the ironing board 57 are locking bolts 67, preferably although not necessarily aligned, adapted to register with and be thrust into or withdrawn from the adjacent loops or keepers 64. The bolts 67 have reduced shanks 68 through which rings 69 pass to constitute fingerholds for retracting the bolts 67 against expanding pressure of springs 70 interposed between an outer end wall 71 and the shoulder 72 of the bolt, the rings 69 constituting the means engaging the end wall 71 to prevent an excessive outward throw of the bolt. The end wall 71 is the closed end of a cylindrical housing or casing 73 for the bolt shank and associated spring, the same conveniently being shaped of sheet metal in approximately cylindrical form to encompass the spring, shoulder portion 72, and reduced shank 68, the edges of the cylinder substantially meeting above the elements referred to and then bending outwardly longitudinally of the ironing board 57, as at 74 to constitute flanges bolted to the bottom of the ironing board as at 75.

It will be understood that as the hook-like members 58 are engaged underneath and behind the bridge piece 56, and the ironing board 57 adjusted to approximately as close a position as possible to the outer face of the bridge piece, the board proper and shanks 58 of the hook-like members may be locked together through the medium of the bolts 67. By this series of interlocking loops and bolts, a great range of adjustment is afforded whereby to meet correspondingly wide widths of bridge pieces or braces, 56, or like structure, to be found in the particular piece of furniture to which it is desired that the ironing board be attached and supported.

Referring now to the relatively simple embodiment of the invention illustrated in Figs. 12 and 13 all that need be additionally described in connection therewith, is the fact that this board, of any desired type or size, is intended to be applied to a dresser, without provision for adjustment, in other words, intact. In this instance the bridge piece or brace at the top of the dresser or the like is represented at 76, the desk drawer with the customary front wall at 77 and the ironing board at 78. As in the preceding instances of embodiments of the invention, the ironing board is intended to be supported upon the top of the front wall 77 of the dresser drawer as is shown, and the hook-like member (or members) 79 underlies and extends backwardly behind the bridge piece 76 as in the other instances, the shank 80 of the hook-like member being directly screwed as indicated at 80*a* to the bottom of the ironing board in permanently fixed position relative to the board, the end portion of the shank adjoining the inner end of the board being reinforced by a supporting stirrup 81, of metal, fitting and secured to kerfed edge portions of the ironing board 76, generally the same as in the instances of the stirrups 50 and 63 heretofore referred to.

The slight modification of the embodiment of the invention illustrated in Figs. 12 and 13, just described, is suggested in Figs. 18 and 19, wherein 82 represents a sleeve board, 83 the shank of the hook-like members 84 spaced apart as indicated in Fig. 18 and having portions 85 converging to the shank 83, the construction being of metal and differing from the embodiment of Figs. 12 and 13 essentially in that two hook-like members 84 are utilized in lieu of the one hook-like member 79 of the embodiment of Figs. 12 and 13. In Fig. 19, which is an end view of the ironing board 82 looking away from the hook-like members 84 (the latter being shown in section) the end of the ironing board 82 is shown with the kerfs 86 opening inwardly from the end thereof and in which the inverted U-shaped member 87 fits, this member 87 being inverted with reference to the forms of Figs. 5 and 11 to overlie and be secured by screws 88 in a grooved portion 89 of the board, and with the depending arms 90 passing through the kerfs 86 referred to and below the hook-like members 84 and bent underneath the latter as at 91. This affords a strong reinforce for the work end, so to speak, of the attaching means for the ironing board.

Referring to Figs. 14, 15, 16 and 17 it will be seen that a different form of locking means for securing the hook-like members of the ironing board in adjusted positions is shown. Referring particularly to these Figs. 14–17, 92 is the bridge piece or the like of the furniture on which the board is to be supported, the latter having the drawer, as usual, 93 with the front wall 94 thereof such as is adapted to constitute the intermediate support on which the ironing board 95 may rest when the hook-like member 96 is engaged with

the bridge piece 92. In the present instance the ironing board 95 also has adjustable relationship with the hook-like member 96 through the medium of its shank 97 working in guides or runways 98 secured as at 99 to the under surface of the ironing board 95 at one end and supported at the end of the board by a stirrup construction 100 like the stirrup constructions of Figs. 5 and 11 already clearly described and understood in the description of other embodiments preceding that of the instant embodiment. It will be observed that the shank of the hook-like element 96 will be guided in its longitudinal adjustment, relative to the guiding member 98, and similarly of the ironing board, by the embracing flanges 101 of the guiding member 98, as heretofore understood in other connections, the characteristic feature of the embodiment under discussion, as compared especially with that illustrated in Fig. 8, being the construction and operation of the locking means. It will be recalled that in Fig. 8 the locking means includes the spring pressed bolts on the bottom and operative in a plane parallel to the bottom surface of the ironing board, while in the embodiment under consideration there is a spring pressed pivoted bolt adapted to spring upwardly into engagement with appropriate keepers, and to be swung downwardly out of engagement when adjustment is to be made. The bolt referred to is designated 102 and is provided with an actuating finger ring or the like 103 pivotally hung in one end of the bolt. The bolt normally occupies a position underneath and across the shank 97 of the hook-like member 96 and the flanges of the guide 98 to interfit with studs or projections 104 riveted as at 105 to the under surface of the shank 97 of the hook-like member 96. The spaces 106 between the studs or projections 104 are of a width substantially the diameter of the bolt 102 so as to easily accommodate the latter in interlocking position. The bolt is normally swung upwardly by a spring 107 mounted upon a right angle shank portion 108 constituting an extension of the bolt 102 rotatable in ears 109, of a plate 110, screwed as at 111 to the underside of the ironing board, the spring 107 being sleeved upon this reduced extension 108 of the bolt 102 and having the ends of the spring abutting respectively, said plate 110 at 112 and beneath the bolt 102 as at 113 so that there is a constant pressure through the spring to force the bolt 102 upwardly into locking engagement with the projections 104.

To effect adjustment in the arrangement just described it is simply necessary to pull on the ring 103 in a downward direction, correspondingly rocking the bolt 102 on its reduced shank portion 108 pivoting in the ears 109 of the securing plate 110, all against the tension of the spring, and after pulling the hook members 96 outward longitudinally of the ironing board 95 to secure an appropriate spacing between the hook-like member 96 and the end of the board, the ring 103 may be released or at least the pull thereon lessened so that the spring 107 will force the bolt into locking engagement with the registered pair of studs or projections 104.

The embodiments of my invention illustrated in Figs. 20 to 24 inclusive, are distinguished from those previously described by the proposition that the hook members, board, and associated parts are intended to be formed of plastic or composition material, or metal, as utilized in the structures already discussed. The only difference in the constructions illustrated in Figs. 20 and 21 is in the suggested application of rubber or similar pads 114 (Fig. 20) and 115 (Fig. 21) respectively to rest upon the upper finished edges of drawers or the like to prevent undue marring or scratching of the same, the mechanical parts as similarly designated in these views (Figs. 20 to 24) being the same.

In Fig. 22 the front of the ironing board is seen, said board being designated 116 and along the inner edge of the board a rubber or the like cover strip 117 is secured to afford a better frictional engagement with the furniture parts, this rubber strip being shown in plan view, Fig. 23, and having portions 118 adapted to be bent downwardly on the dotted line 119 over the end of the board, tongues 120 lining the inner surfaces of the shanks of the hook-like or flanged member 121, employed in this instance. This hook-like member 121 comprises a flange projecting upwardly, as in the instances of the hook-like members heretofore defined, from a shank portion 122 adapted to underlie the board 116 and having a hand screw 123 and slot engagement 124, between the same and the back of the board to enable a suitable degree of projection or withdrawal of the hook-like member or projecting flange 121 with reference to the end of the board 116 to adjust the space between the end of the board and the flange 121 for appropriate engagement with the bridge piece, as 76 of the furniture with which the attachment is to be used. Z-shaped guides 125 secured at 126 to the bottom of the board 116 at one end and underlying the shank 122 at its free end, serve to prevent displacement of the hook-like member and its shank with reference to the associated board structure. The securing means for the end 126 of the Z-shaped guides comprises a metal stud 127 having a threaded stem portion adapted to be engaged with a correspondingly threaded non-rotatable sleeve 128, the latter being embraced in the plastic or wood structure 116, and the former, provided with a knurled head, being threaded into the sleeve below the rubber cover member 119 and upper surface of the ironing board, the result being a firm binding of these parts together between the head of the stud 127 and the base or flange of the tubular threaded portion or sleeve 128, flush with the upper surface of the board.

The hand or thumb screw 123 passing through the slot 124 of the shank of the hook-like portion or flange 121, has a threaded stem portion 129 extended to have threaded engagement with a correspondingly interiorly threaded boss 130 on a metal plate embedded in and secured to the under surface of the ironing board 116 by screws 131. This affords a nice, strong engagement for the parts, reinforcing the plastic board composition where the strain on the metal securing device would be imparted thereto.

In Figs. 26, 27 and 28 is illustrated a means in the nature of felt or heavy fabric having a body suitable for cushioning an ironing sheet or other facing material, and also formed with means for the added function of serving to protect the furniture from being scratched or marred by contact therewith of the hook-like members or associated metal securing parts during the introduction or withdrawal of the ironing board from desired association with said furniture; as well as to cushion the structure under any tendency to move and create a squeak in an ironing operation, wherein the pressure incident to ironing upon the protruding part of the board may corre-

spondingly tend to move the secured end of the board.

In the views referred to the board is indicated at 132 and the adjustable hook-like members at 133. 134 is the padding or cushioning member referred to, the body of which is of an area to cover the ironing face of the board and has edges formed with a plurality of tabs 135 adapted to embrace the side and outer end edges of the board, and the bottom thereof where the tabs are formed into loops 136, through which a cord, elastic or otherwise, passes. The latter being endless or tied together at its ends exerts a constantly contracting tendency to secure the padding to and in conformation with the shape of the board as will be readily understood. The inner or square end of the board is received into a pocket 137 formed at the corresponding inner end of the padding, as shown at 138, and projecting from this pocket are extensions 139 adapted to receive and conform to the hooked members 133. The extensions, of course, open to the pocket 137 so that the hook-like members may enter these extensions, and the material being sufficiently flexible will bend to the shape of the hooks so that the latter are padded throughout their engaging surfaces and thereby accomplish the objects stated.

It is to be understood that any or all of the metal parts of the embodiments of the invention hereinabove described, where exposed—as by guides, hooks, etc.—may be surfaced by a rubber or soft layer of protecting material to prevent scratching or otherwise marring the finished parts of the furniture with which the ironing board is to be used, and which may be inadvertently contacted or hit in the act of affixing or detaching the board therefrom.

In Fig. 30 the cover extensions 139 are shortened, as at 140, the ends thereof being open, as at 141, instead of extending up over the upturned portion of the hook 133 which will enable the adjustment of the hook towards and from the inner end of the board, whereas in the closed extension 139 of Fig. 28, the same is elongated to afford the adjustment referred to, the loose end, when the hook and adjustment thereof is such that a surplus of the extension is left beyond the hook, being accommodated by the space beyond the hook and beneath the top of the casing, as seen in said Fig. 28. The extension may be reinforced by flexible leather or the like 139a.

There may also be provided a cover extension 142 stitched to the under edge of the pocket 137, and adapted to underlie all of the metal parts to conceal the same and prevent their marring the furniture where they may contact or rub during the introduction or withdrawal of the board attachment relative to the furniture, said additional cover member being merely a flat sheet of the material of the cover stitched in place at one end, as suggested, and provided with a couple of metal or other eyelets 143, engaging suitably headed fastening pins 144 driven or screwed into the bottom of the ironing board at a point outwardly beyond the adjustable supporting devices therefor.

Instead of using the type of Z-shaped guides 125, as employed in the construction shown in Fig. 20 or Fig. 21, these guides simulated at 145 (Fig. 29) may be secured to the end of the board after the fashion of the various stirrups herein referred to (Figs. 5 and 11), that is, inserted in complemental grooved portions at the end of the board with the upper flange fastened in the top of the board as at 146 and the lower flanges 147 spaced from the bottom of the board to afford supporting ledges on which the slotted shank portions 122 of the hook may slide in the adjustment of the latter.

The length of the board, of course, will be formed to suit the immediate purposes in mind, some of the boards being of the usual full length type and others of a relatively short type, enabling the carrying of the same in a trunk or the like. For example, instead of having a board of the full length with the various fastening devices, as illustrated in Fig. 2, the board may be of short length, dispensing with the necessity for the elongation of the guides, shanks and fastening devices, as shown in this figure. In other words the board and the guides and shanks may be terminated on a line generally indicated by the dotted lines x—x in said Fig. 2.

I claim:

1. A portable ironing board having attaching means secured at the under face thereof including a projected engaging part at one end, and means for appropriately spacing the said engaging part from the end of the board including a shank, a guide therefor on the board and means for securing the shank in the guide in adjusted positions longitudinally of the board, said last-mentioned means comprising a spring-actuated bolt on the board and a series of keepers on the shank with which the bolt may engage.

2. A portable ironing board having attaching means secured at the under face thereof including a projected engaging part at one end, and means for appropriately spacing the said engaging part from the end of the board including a shank, a guide therefor on the board and means for securing the shank in the guide in adjusted positions longitudinally of the board, said last-mentioned means comprising a bolt mounted to swing on the board on an axis approximately parallel to said shank and having an offset portion movable towards and from the latter, said shank having complemental cooperating portions with which said offset portion may engage, and a spring for maintaining engagement of said offset portion in interlocking relationship with said keepers.

3. A portable ironing board having attaching means secured at the underside thereof and including a projected engaging part at one end and means for appropriately spacing the said engaging part from the end of the board including a shank, and means for holding the same in position with reference to the board for adjustment with relation thereto, including a spring-actuated bolt on the board and a plurality of complemental cooperating portions on the shank with which the bolt may engage.

4. A portable ironing board having attaching means secured at the underside thereof and including a projected engaging part at one end and means for appropriately spacing the said engaging part from the end of the board including a shank, and means for holding the same in position with reference to the board for adjustment with relation thereto, including a spring-actuated bolt on the board and a plurality of complemental cooperating portions on the shank with which the bolt may engage, and means for releasing the bolt relative to the cooperating portions comprising manual means to disengage the same against the pressure of the spring.

5. A portable ironing board provided with means for engaging the same with a supporting member, said means being adjustable with reference to the board to locate said engaging means, comprising a slidably mounted member having several engaging portions, a bolt having an offset part to engage said engaging portions and a shank portion, said shank portion being pivotally mounted on the bottom of the board, a spring sleeved on said shank arranged to exert a pressure to engage said offset portion with said engaging portions, and means for manually releasing said engagement.

6. A portable ironing board provided with means at one end thereof including an engaging portion offset from the end of the board to provide a space between the same and the end of the board adapted to receive a depending part in retaining the board in horizontal ironing position in substantially the plane of the depending part, the engaging portion having an elongated shank secured to the bottom of the board adapted to bear against the lower face of said depending part, and the board having a stirrup the vertical parallel portions of which are embedded edgewise in the end of the board to be flush with the end of the board and underlying the shank of the engaging portion to reinforce the same.

7. A portable ironing board provided with means at one end thereof including an engaging portion offset from the end of the board to provide a space between the engaging portion and the end of the board adapted to receive a depending part in retaining the board in ironing position, the engaging portion having an elongated shank secured to the bottom of the board in substantially the horizontal plane of the depending part, and the board having a stirrup vertical portion of which are embedded edgewise

in the inner end of the board to be flush with the end of the board and a portion embracing the shank of the engaging portion to reinforce the same, the shank being slidably associated with the means securing the shank to the board and the embracing portion of the stirrup to permit longitudinal movement of the shank and engaging portion to adjust the distance of the engaging portion from the end of the board.

8. A portable ironing board having attached to its bottom surface means constituting a guideway providing opposite underlying portions, and an elongated flat shank fitting said guideway and longitudinally movable therein beyond said underlying portions, means for securing said shank in the guideway and to said board, said shank carrying an upwardly directed hook adapted to engage a retaining member interposed between the hook and the adjacent end of the board, in combination with a reinforcing stirrup embedded at the end of the board and passing therethrough to embrace an under portion of the shank at a point located between the hook carried thereby and said end of the board.

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Certificate of Correction

Patent No. 2,514,702 July 11, 1950

ALPHA PERRY LANTZ

It is hereby certified that error appears in the above numbered patent requiring correction as follows:

In the grant, line 13, for "Alpha Perry Lantz, his heirs" read *Alpha Perry Lantz, her heirs*;

and that the said Letters Patent should be read as corrected above, so that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 3rd day of October, A. D. 1950.

[SEAL]

THOMAS F. MURPHY,
Assistant Commissioner of Patents.