

E. P. SMITH.
 COMBINED TABLE AND BED.
 APPLICATION FILED MAY 26, 1908.

902,007.

Patented Oct. 27, 1908.

2 SHEETS—SHEET 1.

Fig. 1.

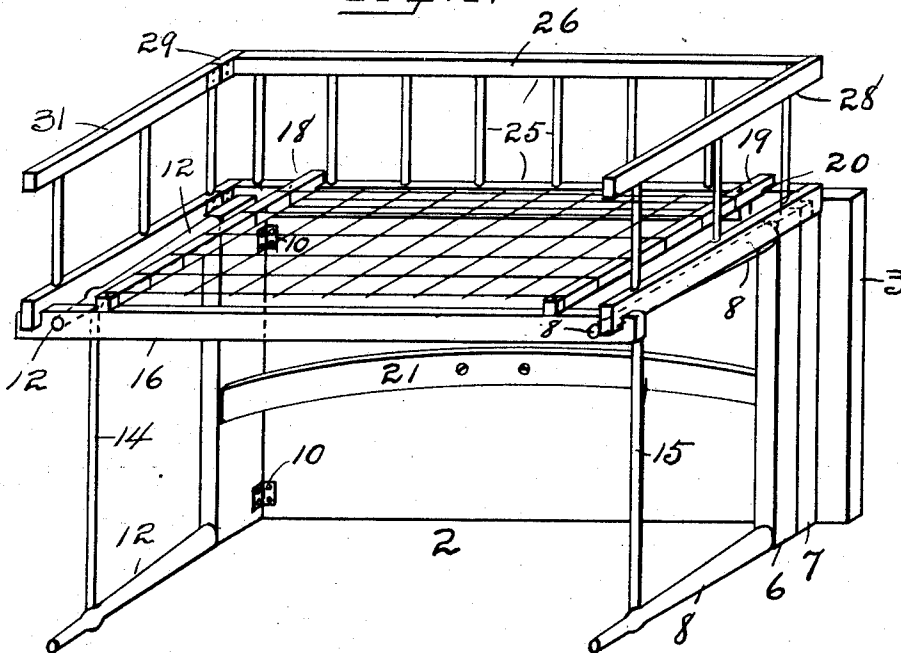
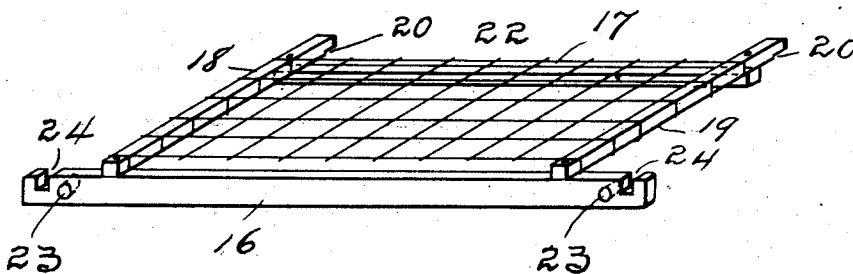


Fig. 2.



Witnesses:
Olof Frankl.
J. M. Boston.

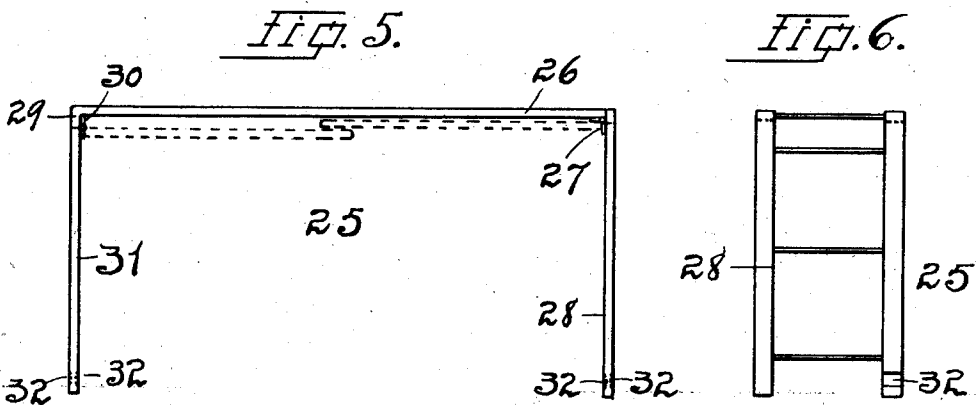
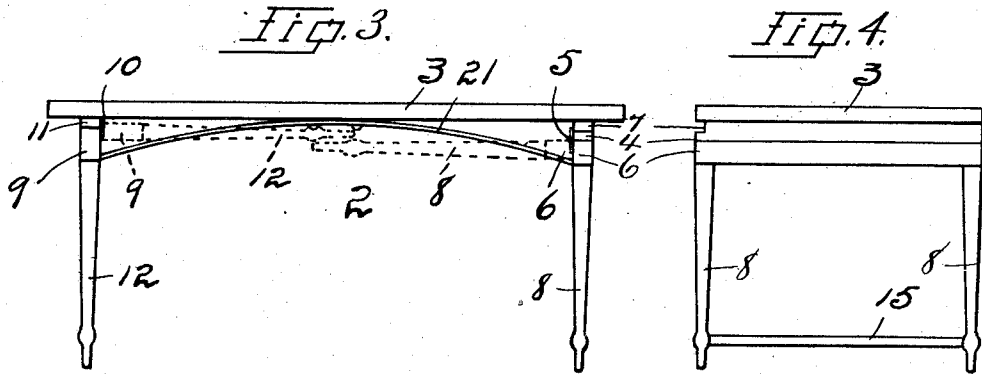
Inventor:
Ethel P. Smith.
By A. M. Richards.
 Attorney.

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2 SHEETS—SHEET 2.



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UNITED STATES PATENT OFFICE.

ETHEL P. SMITH, OF GALESBURG, ILLINOIS.

COMBINED TABLE AND BED.

No. 902,007.

Specification of Letters Patent.

Patented Oct. 27, 1908.

Application filed May 26, 1908. Serial No. 435,092.

To all whom it may concern:

Be it known that I, ETHEL P. SMITH, a citizen of the United States, and a resident of Galesburg, in the county of Knox and State of Illinois, have invented a new and useful Combined Table and Bed, of which the following is a specification.

My improvements relate to a combination of devices which may be readily put together and which when so assembled form a baby bed or crib which may be drawn up close to the side of another and larger bed, and which provides for security and safety of the child as well as for its being within reach of the person or persons occupying the ordinary bed.

One object of the invention is to provide an article of the character described which may be in part made up of an ordinary table, as a sewing-table, and which table when laid on its side constitutes a support for the springs or other suitable bed bottom.

A further object is to provide a support of the character described which is economic of manufacture, and which will fold up into a small compass, whereby it may be stored without occupying a large amount of space.

A further object is to provide a guard-rail which is also foldable into a small space.

Other objects further consist in novel structural features and novel combinations of devices, the function and operation of which devices separately and in combination will be found hereinafter described, and the novel constructions and combinations of which devices will be pointed out in the claims hereto appended.

Mechanism showing the structural features, arrangements, connection and mutual arrangement of the several parts of my improvement is illustrated in the accompanying drawings, in which:

Figure 1 is an isometric perspective, showing my improvements constructed, assembled and embodied in the best way now known to me; Fig. 2, a similar view of the springs or mattress-support; Fig. 3, a side elevation of the mattress support, it being here illustrated in its ordinary capacity, as a table; Fig. 4, an end elevation of the same; Fig. 5, a plan of the guard-rail; and Fig. 6, an end view thereof.

Reference is now to be had by numerals to the above described drawings, the same numeral indicating the same part in theseveral figures thereof.

2 indicates a sewing-table, which may be found in a great number of homes, and which may be of any other suitable construction than that shown. To the under side of one end of the table top 3 is fixed, a transverse strip 4, and to said strip is secured by hinges 5 a transverse bar 6 to which is secured a pair of supporting legs 8. The strip 4 is slotted at 7 for a purpose presently described. At the other end of the table is a strip 9, secured to the top thereof by hinges 10. The strip 9 is slightly wider than the strip 4, as will be seen best at Figs. 1 and 3, and is provided with a slot 11 registering with the slot 7. To the under side of the strip 9 are secured a pair of supporting legs 12 which are united near their lower portions by a round 14. A similar round, 15, connects the lower portions of the legs 8.

It will be evident that the foregoing described construction provides a device one pair, 8, of legs of which lie exterior to or over the legs of the other pair, 9, thereof.

A strap-spring 21 is fixed near its median portion of the bottom of the table longitudinally thereof, and when the device is in use either as a table or a spring-support, is adapted, because of its outer ends contacting the inner faces of the strip 9 and bar 6, to hold said pieces and thereby the legs 8 and 12 in operative spaced positions. The spring is releasable from engagement with the transverse pieces by springing its limbs downwardly therefrom, and the legs may then be folded as shown at Fig. 3.

The mattress-support 22 comprises longitudinal bars 16 and 17, and transverse bars 18 and 19, fixed thereto, the bar being elongated and somewhat wider than the bar 17. It is provided with transverse apertures 23 and its projecting ends are each provided with a notch 24 in its upper edge; also, a small portion of the lower portion of the projecting ends of each bar 18 and 19 is cut away to form a shoulder 20. When the table is laid on its side, as shown at the principal figure, the ends or points of the upper pair of table-legs 8 and 12 are projected through the apertures 23 in the longitudinal bar 16 of the mattress-support, for a purpose which will presently be described.

The guard-rail 25 comprises a longitudinal portion 26 to one end of which is hinged at 27 an end portion 28. The other end of the portion 26 has fixed thereto depending pieces 29 to which is hinged at 30 an end portion 31.

The construction here described provides for close and compact folding assemblage, as will be seen best by the dotted lines at Fig. 5. The free end portion of the lower member of each end section of the guard-rail is slightly cut away at 32 in order that the constricted portion thus formed will rest snugly in the notches 24 in the mattress-support rail 16 to aid in giving rigidity to the device.

In assembling the device, the table is first laid on its side, with the notches 7 uppermost. The guard-rail is then positioned with the lower bar of the longitudinal member thereof snugly seated in said notches. The mattress-support is then laid in place, with the shoulders 20 of the end strips thereof abutting against the lower bar of the longitudinal member of the guard-rail, and the constricted portions 32 of the lower guard-rail members lying within and being securely held in place by the notches 24 in the elongated rail of the mattress-support, as hereinbefore described.

It will be evident that in the construction described and shown each member tends to give rigidity and strength to the others. The mattress-support and guard-rail will, when the latter is folded, occupy but a very small amount of space, and the table may be utilized during the day time for all the purposes of an ordinary sewing-table. It will moreover be evident, that any ordinary sewing-table may be employed in connection with the other parts of my improvements, it being only necessary to form the notches 7 in the legs on one side thereof. And although it is desirable that both the table and guard-rail be constructed so that they are foldable, such feature is not absolutely essential.

Having thus described my invention, its objects, purposes and advantages, I claim as

my invention and desire to secure by Letters Patent the following, to-wit:

1. In a device of the character described, and in combination, a table including foldable-legs provided with notches in the sides of a portion thereof, a guard-rail adapted for engagement with said notches, and means for supporting a mattress, said means adapted to be partly supported by the guard-rail and partly by the outer ends of the table-legs.

2. In a device of the character described, and in combination, a table including foldable legs provided with notches in the sides of a portion thereof, a guard-rail adapted for engagement with said notches, and a mattress-support having apertures adapted for engagement with the outer ends of said legs, whereby one of its sides is supported.

3. In a device of the character described, and in combination, a foldable table having notches in the sides of the legs thereof, a foldable guard-rail adapted for engagement with said notches, and to be partly supported thereby, and a mattress-support adapted to be partly supported by said guard-rail and partly by the outer ends of the table-legs.

4. In a device of the character described, and in combination, a foldable table having notches in the sides of the legs thereof, a foldable guard-rail, one of its members adapted to rest in said notches and to be partly supported by said legs, and a mattress-support adapted to be supported partly by the free ends of said legs and partly by the guard-rail.

In testimony whereof, I have hereunto set my hand this 22 day of May, 1908.

ETHEL P. SMITH.

Witnesses:

GRACE BERRY,
PAUL J. SMITH.