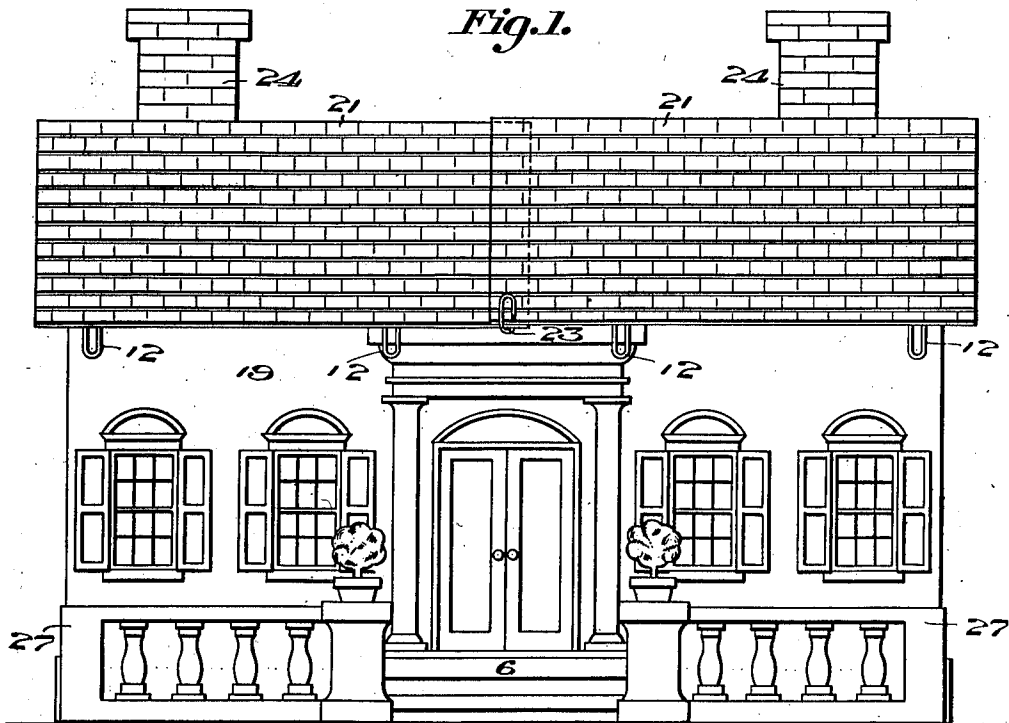
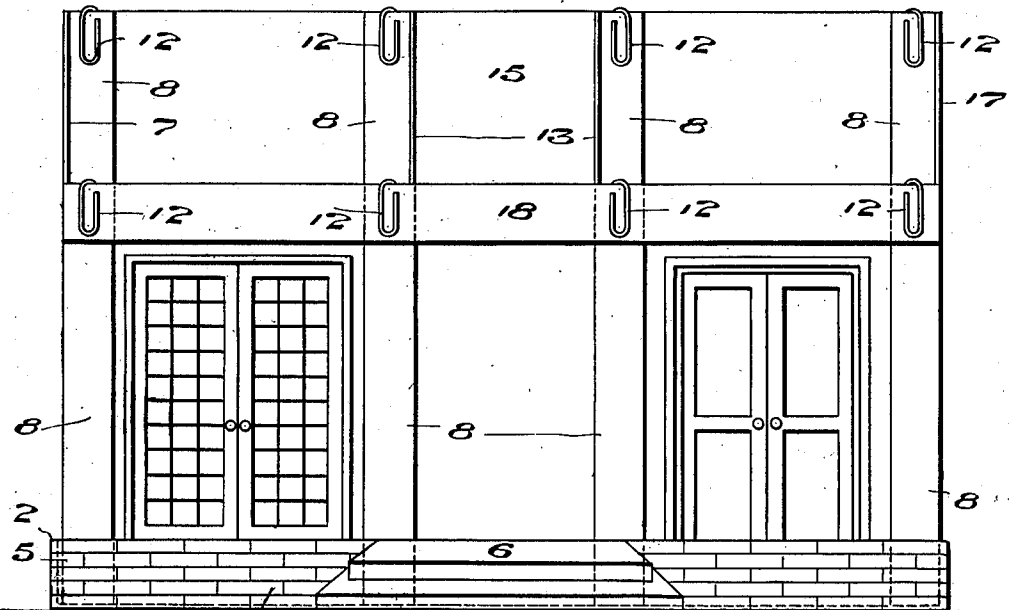


M. WILLIAMS.
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APPLICATION FILED DEC. 1, 1916.

1,241,594.

Patented Oct. 2, 1917.

3 SHEETS—SHEET 1.



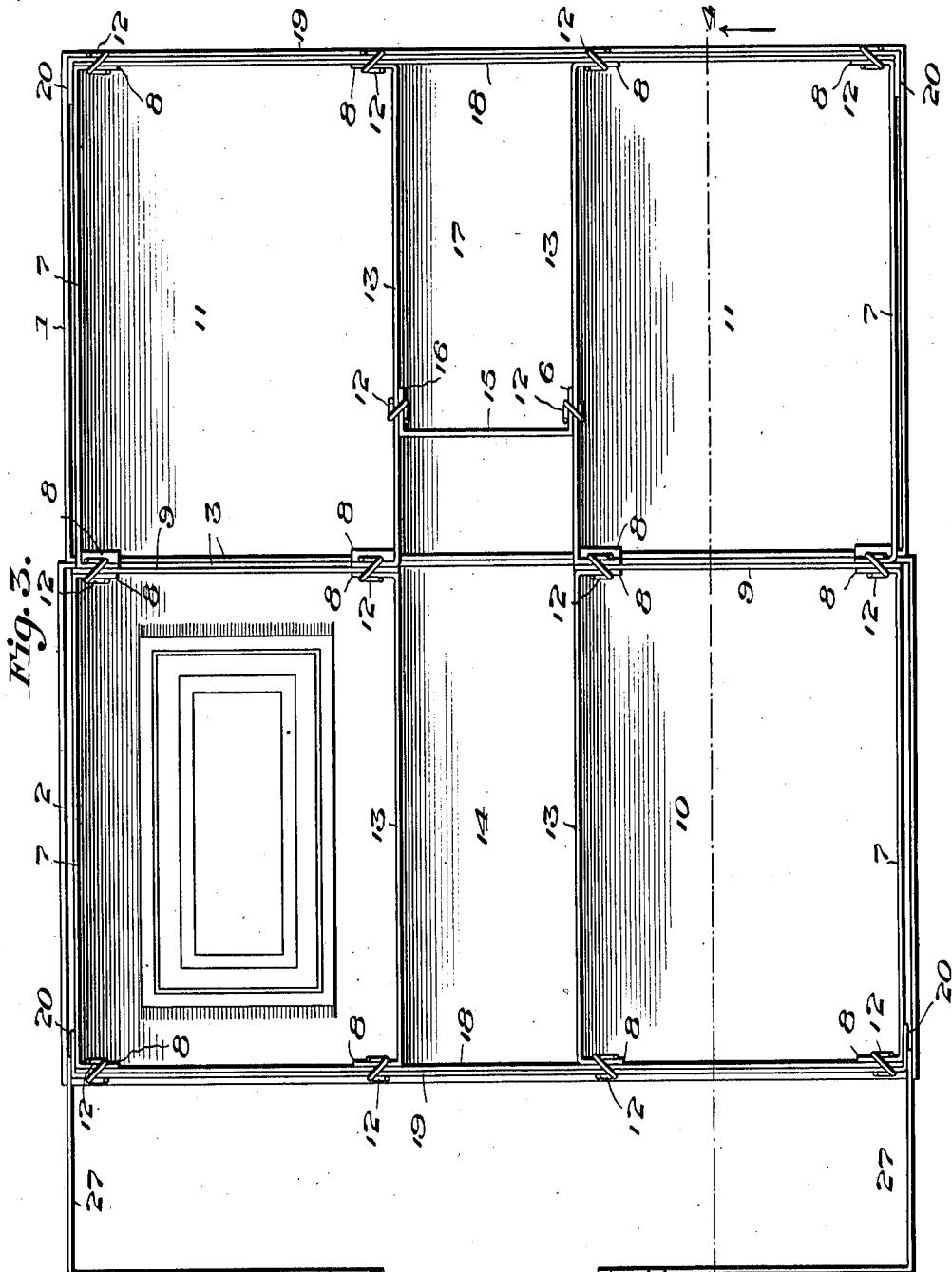
Witness
Philip E. Bonar

Fig. 2. Martha Williams,
Inventor
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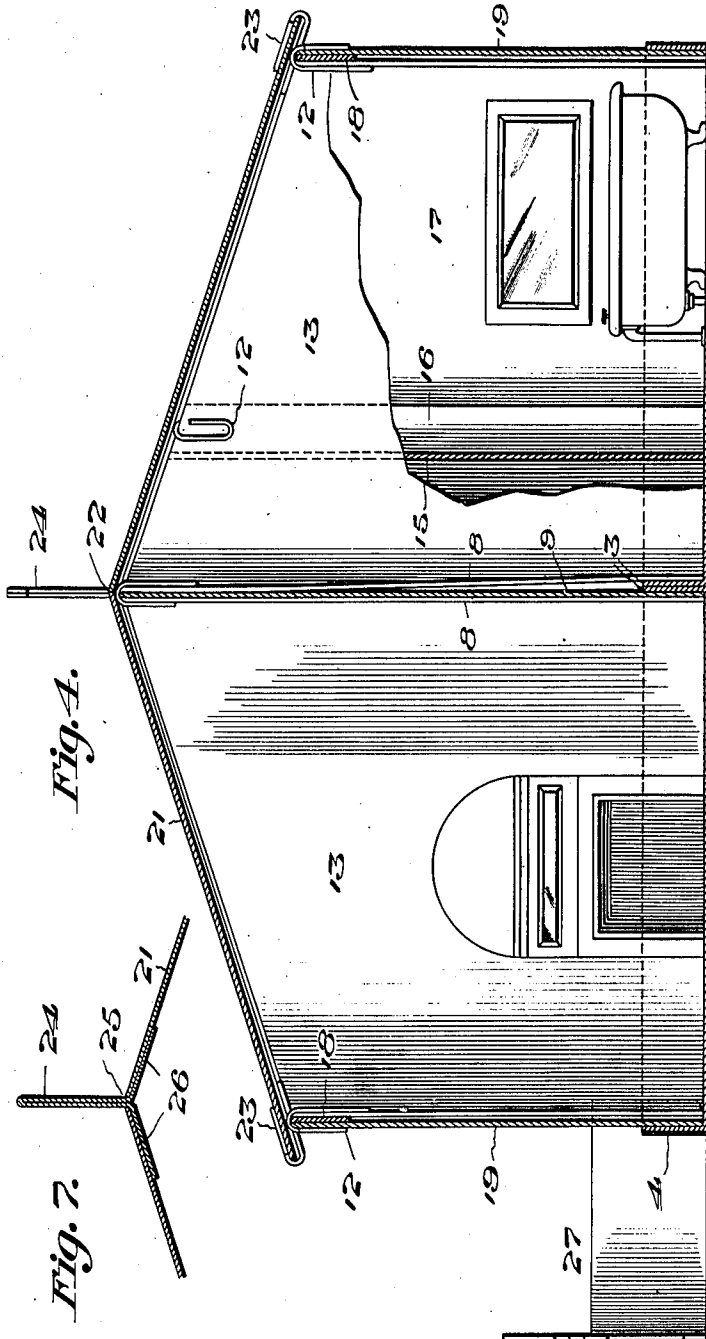
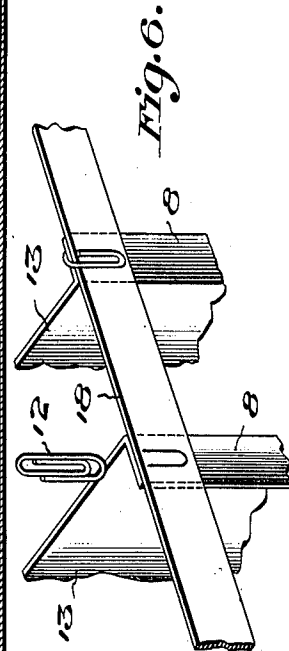
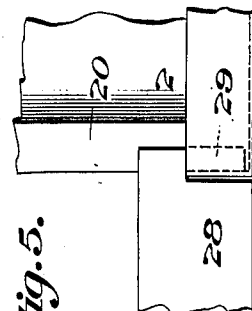
Martha Williams Inventor
Geo. W. Stauch Attorney

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Witness

Wm E Barnes

By

Marta Williams

Geo M Mueller
her Attorney

Inventor

UNITED STATES PATENT OFFICE.

MARTHA WILLIAMS, OF TERRE HAUTE, INDIANA.

SECTIONAL OR KNOCKDOWN DOLL-HOUSE.

1,241,594.

Specification of Letters Patent.

Patented Oct. 2, 1917.

Application filed December 1, 1916. Serial No. 134,308.

To all whom it may concern:

Be it known that I, MARTHA WILLIAMS, a citizen of the United States, residing at Terre Haute, county of Vigo, and State of Indiana, have invented certain new and useful Improvements in Sectional or Knock-down Doll-Houses, of which the following is a specification.

My invention has reference to an improved mechanical construction, which may be utilized for the preparation of toys and models, one embodiment being a sectional or knock-down doll house.

My object is to provide a doll house of improved construction which may be made of cardboard or similar material and can be readily and easily set up or taken down by a child.

Another object is the provision of a knock down or foldable doll house wherein the body and cover of the box which is intended to contain the parts of the house are used as a foundation or floor for the house when the walls and partitions are set up.

A further object is the provision of a doll house composed of separable walls and partitions which may be fastened together to set them up by paper clips, thereby adapting the structure to be quickly and easily set up and fastened together, or taken down, by a small child.

A still further object of the invention is the provision of a base, foundation or floor comprising the box and its cover which are used to contain the parts of the house, and the combination therewith, in an improved manner, of the walls and partitions whereby the box body and cover are held together, edge to edge, to constitute the complete floor of the house.

Further objects are to provide, in a collapsible or knock down doll house, improved joints adapted to be held by detachable paper clips; a novel combination of front fence or railing with the base of the house; and improved means for binding or detachably connecting the sections together so that an outer wall, for instance a front or rear wall, or both, of the doll house, may be removed to disclose the interior thereof so that the furniture, dolls, and other articles with which the child may desire to play, may be inspected or moved in or out, or about, through the side of the house.

The last named part of the invention enables the child to build the house complete

with all walls and the roof in position, or, to remove an outer wall of the house, at will, and to replace it when desired.

Another object of the invention is to provide a doll house having rooms and comprising knock down or folding parts which has a foldable and removable roof; further, a roof composed of a plurality of sections suitably fastened together, any one of which may be taken off to expose a portion of the rooms in the house, or, all sections removed, as the child may desire.

The invention embodies other features which appear more fully hereinafter. The disclosure of the invention is to be considered as illustrative, rather than restrictive, of the scope thereof as modifications of structure may be resorted to, and other forms of paper clips may be employed.

The rooms of the house and the exterior thereof may be of any desired arrangement, decoration, or appearance and any kind of doll furniture or representations thereof or of fixtures or fittings for the rooms may be resorted to, within the spirit and scope of the invention.

In the accompanying drawings:

Figure 1 is a front elevation;

Fig. 2, is a similar view with the roof and front of house removed;

Fig. 3 a top plan, the roof being removed;

Fig. 4 a longitudinal section on line 4-4, Fig. 3;

Fig. 5 a detail of the connection between the fence and the container;

Fig. 6 a detail of one of the joists, clips, and partitions, one clip being in position and the other ready to apply; and

Fig. 7 a detail of the chimney.

The foundation or floor consists of the box body 1 and the cover or top 2 which are adapted to contain the partitions, walls, clips, and joists comprising the house. The said body 1 and cover 2 are laid flat on any suitable support with their sides 3 arranged face to face. The other sides of the body 1 and cover 2 may be provided with any showing desired. For instance the front, as at 4, may have imitation brick work 5 and front steps 6.

The side walls 7 are provided with flanges 8 which are intended to lie on opposite sides of the partitions 9 which separate the front rooms 10 from the rear rooms 11. The lower portions of the partitions 9 are disposed in front of the side 3 of the cover 2.

The flanges 8 of the end 7 for the rear rooms 11 have their lower ends bearing against the inner face of the sides 3 of the body 1. The flanges 8 and the partitions 9 are detachably fastened together at their tops by detachable paper clips 12 of any ordinary or preferred form, the clips holding the upper portions of the partitions 9 and the end walls 7 firmly together. The flanges 8 reinforce the partitions 9 and minimize buckling. The lower ends of the partitions 9 and the lower ends of flanges 8 of the end walls 7 of the rear rooms being disposed on opposite sides of the sides 3, hold the body 1 and cover 2 together with sufficient firmness to keep the floor or foundation 1, 2, in proper position. The forwardly and rearwardly extending partitions 13 which define the hall 14, have flanges 8 which are disposed like the flanges 8 previously described and have the same function, being held by detachable paper clips 12.

While it is obvious that the room arrangement could be varied, there may be provided a partition 15 having flanges 16 which are secured by detachable paper clips 12 to the partitions 13 that define the rear rooms 11. The partition 15, with the rear partitions 13 defines a room 17 which may represent a bathroom.

The forward ends of the front partitions 13 and the lower ends of the rear partition 13 have flanges 8, extending vertically and corresponding to the previously described flanges 8. To these last named flanges 8 are connected, by detachable paper clips 12, the joists or connector flange 18 running crosswise of the house which hold the walls 7 and partitions 13 in properly spaced and relatively rigid position.

The front and rear of the house consists of removable walls 19 which set down within the body 1 and cover 2 and have flanges 20 adapted to overlap the walls 7 and to be detachably connected thereto by detachable paper clips 12. The front and rear walls may have any suitable door and window arrangements, or representations thereof. The employment of the joists or connector strips 18 enables the child to remove the front or rear wall 19, or both of them, at will, or to replace them after removal, without disturbing the house structure. This enables the child to build the house and maintain it in its complete condition, or, remove a wall so that access may be had to the interior of the rooms and hall either at the front or rear of the house.

The roof is preferably composed of a plurality of sections 21 having a scoring or crease 22 at the ridge, and detachably connected together by detachable paper clips 23. One or more chimneys 24 consist of pieces of cardboard passing through slots 25 and provided with ends 26 pasted or

otherwise secured to the under side of the roof. The entire roof rests loosely on the house and may be bodily removed as an entirety, or, one section thereof may be taken off and another section allowed to remain. This gives the child the option of covering the entire house or having it completely uncovered or only certain rooms thereof open at the top.

Inasmuch as the roof is removable at will and the front and rear of the house made detachable, the child has a wide option as to what part or parts of the house shall be exposed.

There may be provided a front fence composed of sections 27, suitably decorated or shaped, and having slots 28 providing tongues 29. The slots 28 receive the front wall of the cover 2 and the tongues 29 are disposed inside of the cover and against the flanges 20.

All parts of the house consist of cardboard or like material, susceptible of bending or scoring to provide the different strips and enabling the collapsed structure to be folded and placed within the box so that the floor or foundation comprising the parts 1 and 2 constitutes the container for the complete house, rendering the structure very compact and readily transportable.

In its broadest aspect my invention constitutes an improved mechanical construction for the erection or setting up of toys and models comprising separable parts, of cardboard for instance, and paper clips detachably connecting said parts together. The doll house herein set forth constitutes one embodiment of the general invention which may, however, be carried out in other toys and models.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A sectional or knock down doll house comprising a base or foundation composed of box or container sections for the collapsible parts of the house, said sections being arranged edge to edge with their sides facing each other, and a knock down or collapsible superstructure whose parts are adapted to be erected on the respective parts of the container and are constructed to hold the parts of the container together in the aforesaid manner.

2. A sectional or knock down doll house comprising a base or foundation composed of box or container sections for the collapsible parts of the house, said sections being arranged edge to edge with their sides facing each other, a knock down or collapsible superstructure the portions of which are located on the parts of the container and have room-forming partitions respectively located on opposite sides of the adjoining sides of the said container parts, and means connect-

ing the upper portions of the partitions together, whereby the connection of the respective superstructure parts holds the container parts together.

5 3. A sectional or knock down doll house having walls provided with flanges, a connector or joist for said walls, and detachable paper clips connecting the joist to the flanges.

10 4. A sectional or knock down doll house having outer walls and inner upright partitions, a joist or connector which connects said walls and partitions together, and a removable wall which exposes the interior
15 of the rooms when said wall is taken off, the joist then holding the upright partitions and walls erect.

5 5. A sectional or knock down doll house comprising a container having sides, knock
20 down walls and upright partitions setting within said container and having flanges and detachable paper clips engaging the flanges and detachably holding the walls and partitions together.

25 6. A doll house having rooms and a completely detachable multi-section roof, any section of which may be removed, leaving the remainder of the roof in position and

fastenings detachably connecting the sections together, whereby certain of the rooms 30 may be exposed while others remain covered.

7. A doll house having rooms and a completely detachable roof composed of a plurality of sections detachably connected together, any section of which may be removed, leaving the remainder of the roof in position, whereby certain of the rooms may be exposed while others remain covered, and detachable paper clips fastening the sections 40 together.

8. A sectional or knock-down doll house having outer walls and inner upright partitions, a joist, paper clips detachably connecting the joist to the walls and partitions, 45 said joist holding the walls and partitions in upright position, a removable outer wall, and paper clips for holding said removable outer wall in position, said removable outer wall exposing the interior of the house when 50 the wall is taken off, the joist then holding the other walls and partitions erect.

In testimony whereof, I hereunto affix my signature.

MARTHA WILLIAMS.