Feb. 26, 1946. E. E. SILVERMAN ET AL 2,395,589

MOLDING OUTFIT FOR CHILDREN

Filed April 30, 1945

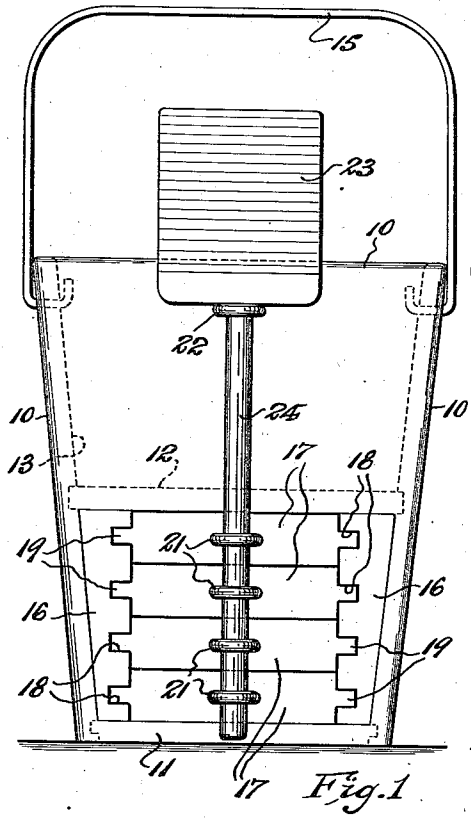


Fig. 1

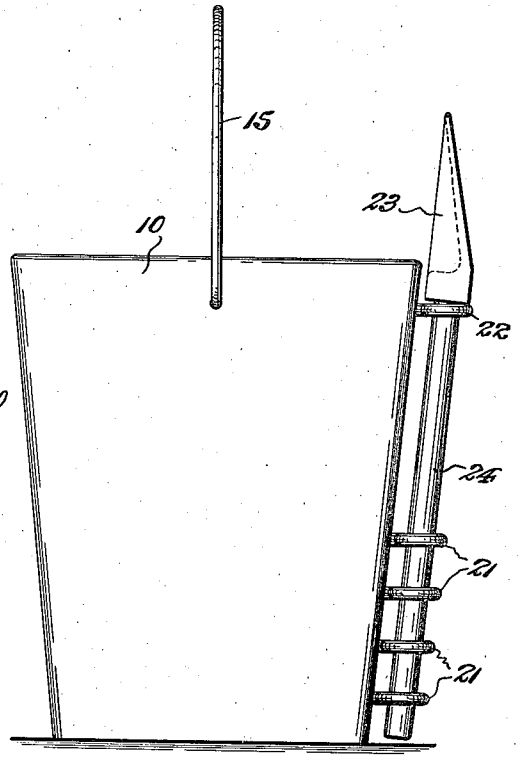
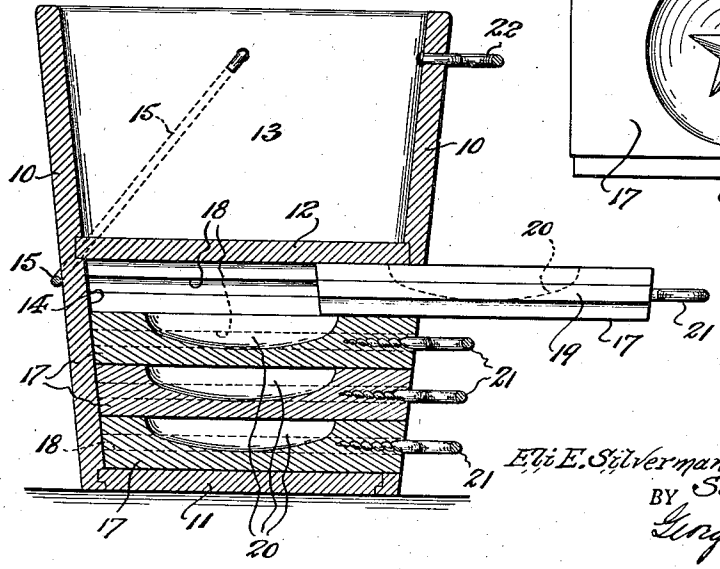


Fig. 2

Fig. 3



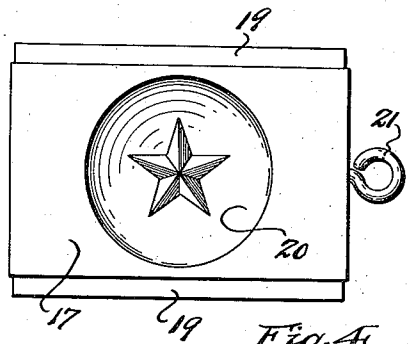


Fig. 4

INVENTORS:
Eli E. Silverman, Marcus Greene &
BY Seymour Greenspan,
Gingu D. Richards,
Attorney

Patented Feb. 26, 1946

2,395,589

UNITED STATES PATENT OFFICE

2,395,589

MOLDING OUTFIT FOR CHILDREN

Eli E. Silverman, Brooklyn, N. Y., and Marcus Greene, Caldwell, and Seymour Greenspan, Newark, N. J.

Application April 30, 1945, Serial No. 591,060

3 Claims. (Cl. 46—46)

This invention relates to an improved amusement device or toy for children; and the invention has reference, more particularly, to a novel construction of molding outfit.

One amusement which, from time immemorial, has constantly attracted and diverted children is that of molding plastic and other impressionable materials. This is evidenced by the delight most children take in making so-called "mud-pies," in shaping of damp beach sand, and in kindred activities. Having this in view, it is an object of this invention to provide a novel molding outfit by means of which children may carry on such activities.

The invention has for another object to provide a molding outfit comprising a container for carrying the material to be molded, a set of molds for shaping the material and a material handling implement such as a shovel; these elements of the outfit being so constructed and arranged as to be capable of assembly in a compact and mutually interlocked unitary relation, whereby to be easily carried from place to place, or stored away when not in use, without risk of separation or loss of parts thereof, and yet, when use thereof is desired, may, by a simple and easy operation capable of performance by even very small children, be quickly released and disassembled to permit selective manipulation and use of the individual elements.

Other objects of this invention, not at this time more particularly enumerated, will be understood from the following detailed description of the same.

An illustrative embodiment of the invention is shown in the accompanying drawing, in which:

Fig. 1 is a front elevational view of the molding outfit according to this invention, with its elements assembled in mutually interlocked unitary relation; Fig. 2 is a side elevational view of the same; Fig. 3 is a vertical sectional view, with the shovel removed and the mold members released subject to withdrawal from the container, one of said mold members being shown in elevation and partially withdrawn position; and Fig. 4 is a plan view of a mold member.

Similar characters of reference are employed in the above described views, to indicate corresponding parts.

Referring to the drawing the novel molding outfit according to this invention comprises a container body formed by side walls 10 and a bottom wall 11, the upper or top end of the container being open. The interior of the container body is divided intermediate its top and bottom ends by a transverse partition 12, thereby providing, above the latter, an upwardly open pail chamber 13 in which moldable material may be carried, and a laterally open mold member storage compartment 14 below said partition.

Pivotally connected in a suitable manner with the top end portion of the container body is a handle bail 15.

Arranged within the interior of the mold member storage compartment 14, to extend inwardly therethrough from the open side or front thereof, are opposed slideway means 16, suitably formed and mounted as unitary parts of the container body; the same being adapted to receive and support a plurality of removable mold members 17 one above another. Said slideway means 16 is preferably formed to provide slideway channels or grooves 18 adapted to receive slide tongues 19 with which opposite sides of the mold members 17 are provided.

Each mold member 17 is provided in its upper face with a countersunk mold cavity 20. It will be understood that said mold cavities may be of any selected peripheral and cross sectional shape or design desired, and, as illustrated in Fig. 4, the same may include a selected figure or ornamental shape either in relief or intaglio. It will be obvious that the contours of the mold cavities, and any included figure or ornamental design, are subject to a wide scope of variation.

When the mold members 17 are entered in the storage compartment 14 of the container body, their outer ends will be exposed and disposed substantially flush with the exterior of the laterally open side or face of said container body. The outer end of each mold member 17 is provided, intermediate its sides, with an externally projecting eye-member 21 suitably affixed thereto, and in such manner that those of the several mold members are disposed in vertical alignment, when said mold members occupy inserted positions within the storage compartment 14 of the container body. Said eye-members 21 not only serve as finger pieces for engaging the mold members when inserting the latter or withdrawing them from the storage compartment 14 of the container body, but also as cooperative parts of the means for securing said mold members against escape from their stored assembled relation to the container body, as hereinafter explained.

Suitably affixed to the container body adjacent to its open top end, to project from the laterally open side thereof, so as to be vertically aligned with the eye-members 21 of the inserted mold members 17, is a similar eye-member 22.

The reference character 23 indicates a shovel or like implement for handling the material to be molded, the same having a longitudinally extending handle shaft 24.

When the novel molding outfit, comprising the above described elements, is desired to be carried about, or stored away when not in use, after the mold members 17 have been inserted within the storage compartment 14 of the container body, the shovel 23 is inverted so as to downwardly direct its handle shaft 24, whereupon the latter is passed downwardly through the container body eye-member 22, and thence successively through the aligned eye-members 21 of the mold members 17, until the shovel body 23 is stopped against said container body eye-member 22 (see Figs. 1 and 2). When the elements are thus assembled and associated, the same will be mutually interlocked together to form a unitary assembly, in such manner that the shovel and mold members will be securely retained against accidental displacement and separation from the container body. It will thus be obvious that all the elements will be kept together and separation and loss of one or more thereof, when the outfit is carried about or stored away, will be very effectively avoided.

When use of the outfit is desired, the child merely withdraws the shovel 23, thus releasing the same and also the mold members 17 for selective withdrawal and use. By means of the shovel 23, a supply of moldable material may be obtained and deposited in the pail chamber 13, in which said material may be mixed with water if necessary to rendering the same plastic or impressionable. When the material is ready for use, one or more of the mold members 17 may be withdrawn from the storage compartment 14, and, again by use of the shovel 23, the material may be taken from the pail chamber 13 and filled into and compressed within the mold cavities 20 of said mold members, after which the mold members may be overturned on a flat surface to remove the molded form therefrom.

From the above description it will appear that a novel and convenient molding outfit is provided by the invention, wherein the several elements may be assembled securely together against loss when the same is carried about or stored away. At the same time, the outfit provides all the essential requirements of the child necessary to the preparation and manipulation of moldable material; the invention thus providing a very satisfactory toy for the intended purposes, and one calculated to afford the child pleasing entertainment and amusement.

It will be understood that the elements of the outfit may be made of any material suitable to the construction thereof, and that said elements, and especially the container body and mold members, may be selectively made in various shapes and sizes.

Having now described our invention, we claim:

1. A molding outfit comprising a container body interiorly divided to provide an upwardly open upper pail chamber and a lower laterally open storage compartment, a plurality of removable mold members entered in said storage compartment to lie one above another, outer ends of said inserted mold members having projecting eye-members disposed in vertical mutually aligned relation, said container body also having a similar externally projecting eye-member located adjacent to its top end and in alignment with said eye-members of the mold members, and a shovel having a longitudinal handle shaft, said handle shaft being adapted to be downwardly directed and removably passed through said aligned eye-members, whereby to mutually retain the shovel, mold members and container body in unitary assembled relation.

2. A molding outfit comprising a container body interiorly divided to provide an upwardly open upper pail chamber and a lower laterally open storage compartment, a handle bail pivotally connected with the upper end of said body, a plurality of individual mold members adapted to be received in said storage compartment, opposed slideway means at opposite sides of said storage compartment to extend inwardly from the open side thereof, said slideway means being adapted to receive and individually and removably support said mold members one above another when the latter are inserted into said compartment, a shovel having a handle shaft, and said mold members and container body each having means to receive and cooperate with said shovel handle shaft, whereby to retain said mold members and container body against accidental separation from their assembled relation.

3. A molding outfit comprising a container body interiorly divided to provide an upwardly open upper pail chamber and a lower laterally open storage compartment, a plurality of individual mold members adapted to be received in said storage compartment, opposed slideway means at opposite sides of said storage compartment to extend inwardly from the open side thereof, said slideway means being adapted to receive and individually and removably support said mold members one above another when the latter are inserted into said compartment, outer ends of said inserted mold members having projecting eye-members disposed in vertical mutually aligned relation, said container body also having a similar externally projecting eye-member located adjacent to its top end and in alignment with said eye-members of the mold members, and a shovel having a longitudinal handle shaft, said handle shaft being adapted to be downwardly directed and removably passed through said aligned eye-members, whereby to mutually retain the shovel, mold members and container body in unitary assembled relationship.

ELI E. SILVERMAN.
MARCUS GREENE.
SEYMOUR GREENSPAN.