Feb. 4, 1964 V. SCOTTI 3,120,413

MULTIPLE DRAWER BOX

Filed Nov. 2, 1961

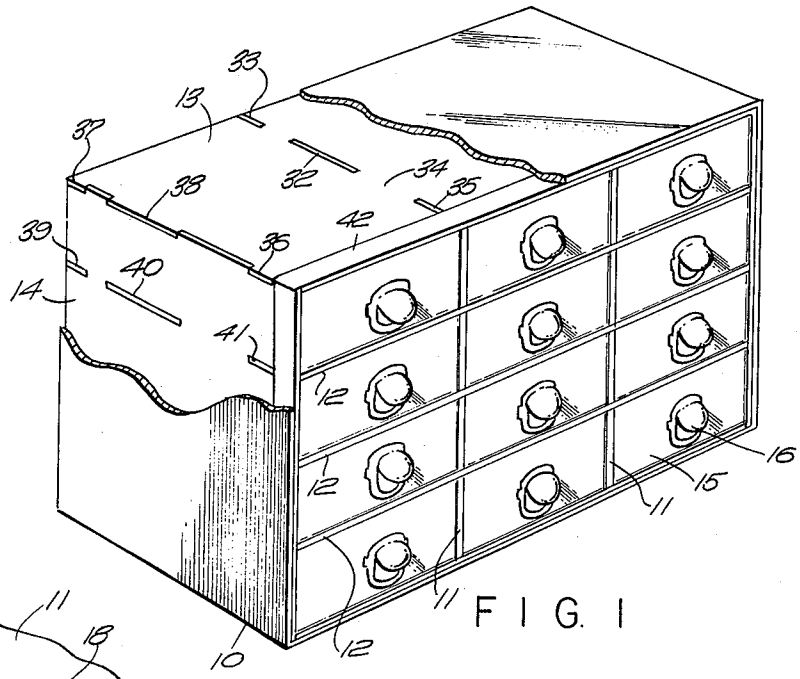


FIG. 1

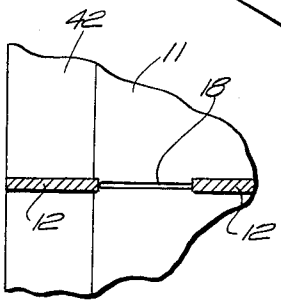


FIG. 3

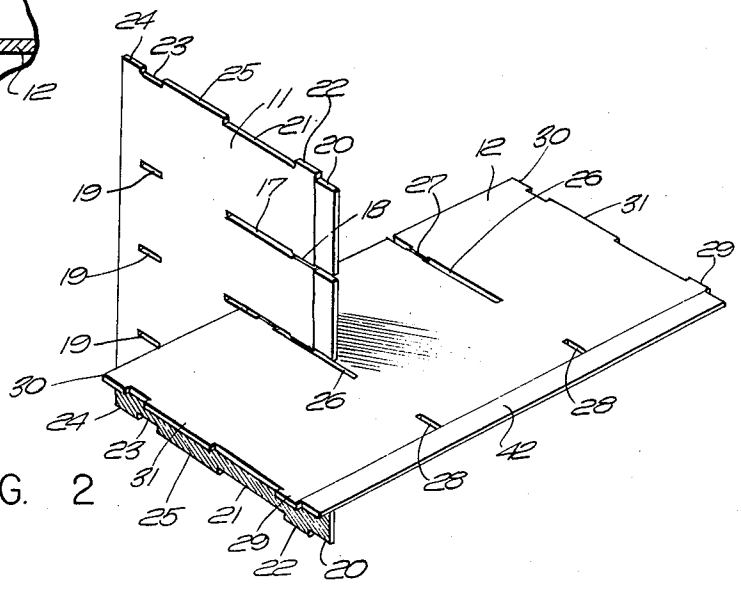


FIG. 2

INVENTOR.
VINCENT SCOTTI

BY

ATTORNEY

United States Patent Office 3,120,413 Patented Feb. 4, 1964

3,120,413

MULTIPLE DRAWER BOX

Vincent Scotti, 30 Dike St., Providence, R.I.

Filed Nov. 2, 1961, Ser. No. 149,580
2 Claims. (Cl. 312—330)

My present invention relates to a box construction and more particularly to a box supporting a plurality of drawers.

The principal object of the present invention is to provide a box having a plurality of compartments into which drawers can be slipped.

A further object of the present invention is to provide a multiple compartment box which can be readily assembled from cardboard stock.

Another object of the present invention is to provide a multiple compartment box in which the parts can be easily locked in assembled position.

A further object of the present invention is to provide a multiple compartment box which is simple in construction and easy and economical to manufacture and assemble.

With the above and other objects and advantageous features in view my invention consists of a novel arrangement of parts more fully disclosed in the detailed description following in conjunction with the accompanying drawings and more particularly defined in the appended claims.

In the drawings:

FIG. 1 is a perspective view partly broken away of a box embodying my invention.

FIG. 2 is a fragmentary perspective view showing the interlocking relation of the parts.

FIG. 3 is a fragmentary section of the vertical and horizontal wall portions.

The present invention is designed to provide a small box which is divided into a plurality of compartments so that a small drawer can be slidably mounted in each compartment. The box of the present invention is designed to be made of cardboard or any other stiff light material and the resultant box can be used by philatelists or for holding a variety of small parts. One of the features of the present invention is that the vertical and horizontal wall portions are interlocked without the use of adhesives or clips and then held in interlocking relation by sliding the assembly into a tight fitting housing.

Referring more in detail to the drawings, the box of the present invention comprises an outer housing **10** having a top, bottom, side walls, a rear wall, and an open front, as shown in FIG. 1. The housing **10** is divided into a plurality of compartments by vertical wall members **11** and by the horizontal wall members **12**. The members **11** and **12** are held together by top and bottom members **13** and by side wall members **14** fitting tightly into the housing **10**. For purposes of illustration the box has been shown divided into twelve compartments each holding a drawer **15** having a front pull knob **16**.

Referring to FIG. 2, each vertical member **11** is provided with a plurality of spaced horizontal slots **17** extending inwardly from the front edge. Spaced from the front edge of the slot **17** is a restricted portion **18** formed by omitting the slot from this area and then merely cutting through the material. Spaced from the rear edge of the portion **11** and in alignment with the slot **17** is a small slot **19**. The upper and lower edges of the wall portions **11** are each formed with a cut out portion **20** adjacent the front edge, an elongated cut out portion **21** spaced from the portion **20** to leave an upraised portion **22** and a smaller cut out portion **23** spaced from the rear edge leaving an upraised portion **24** at the rear edge and an elongated upraised portion **25** between the cut out portions **21** and **23**.

The horizontal dividers **12** are provided with spaced

transverse slots **26** extending inwardly from the rear edge. Each slot **26** is provided with a restricted portion **27** spaced from the rear edge and similar to the portion **18** in the slot **17**. Spaced from the front edge, a short slot **28** is positioned in axial alignment with the slot **26**. At each end, the portion **12** is provided with a short raised portion **29** spaced from the front edge, a short raised portion **30** at the rear edge, and an elongated raised portion **31** spaced from the portion **30**.

The top and bottom members **13** are identical to the horizontal members **12** except that the restricted portions **27** in the members **12** are solid in the top and bottom. Each member **13** therefore is provided with spaced parallel slots **32** having a short solid portion spaced from the rear edge **33** of the slot, an elongated solid portion **34** spaced from the front edge, and a solid front edge, leaving a short slot portion **35**. At each side edge, the portions **13** are provided with a short extended portion **36** spaced from the front edge, a short extended portion **37** at the rear edge, and an elongated extended portion **38** spaced from the portion **37**.

The side members **14** are provided with spaced parallel slots, each slot comprising a short portion **39** extending from the rear edge, an elongated portion **40** spaced from the portion **39**, and a short portion **41** spaced from the front edge. For economy, it is contemplated that all the portions may be stamped from cardboard or similar material and may be provided with a decorative edging **42** glued to the front edges of the various members.

The assembly of the vertical members **11** and horizontal members **12** is illustrated in FIGS. 2 and 3. The member **12** is pushed into the front edge of the member **11** at the aligned slots until the front edge of the member **12** rests in the front end of the slot **17** and the restricted portion **18** of the slot **17** rests in the slot **28** (FIG. 2). The solid portions of the member **12**, between the slots **26** and **28** rests in the slot **17** of the member **11**. At the rear, the solid portion of the member **11** rests in the slot **26** with the restricted portion **27** entering the slot **19**. This results in the interengagement and interlocking of the parts.

The outside portions **13** and **14** are mounted as shown in FIG. 1. The protruding edge members **29**, **30** and **31** of the members **12** enter the slots **41**, **39** and **40** respectively in the vertical end members **14**. The protruding ends **22**, **24** and **25** of the vertical members **11** enter slots **35**, **33** and **32** respectively in the upper and lower members **13**. The members **13** and **14** interengage at the corners at **36**, **37** and **38** as shown in FIG. 1. The assembly is designed to fit tightly into the housing **10**. Before sliding into the housing, some glue may be painted on the inner housing side walls to prevent removal. The pressure of the housing **10** keeps the outer members **13** and **14** interengaged with each other and with the members **11** and **12**. The drawers are of conventional design.

The entire construction is compact and light and easy and economical to manufacture and assemble. The parts are so interlocked that they cannot be separated once they are mounted in the housing **10**. The interlocking portions are so constructed that a continuous strip of cardboard can be punched and then cut off to form the various members. Other advantages of the present invention will be readily apparent to a person skilled in the art.

I claim:

1. A compartment container comprising a housing having a top, bottom, side walls, rear wall and an open front, a plurality of vertical and horizontal dividing members having interlocking slots, top and bottom and side wall members interlocking with the ends of said vertical and horizontal members to retain said members in position, said members fitting tightly into said housing, whereby

said housing retains said members in interlocked position, said vertical and horizontal dividing members having restricted portions extending into their said slots, said restricted portion in each slot entering a slot in said interlocking member, said horizontal and vertical members forming a plurality of equal compartments, and a sliding drawer in each compartment.

2. A compartment container comprising a housing having a top, bottom, side walls, rear wall and an open front, a plurality of vertical and horizontal dividing members having interlocking slots, top and bottom and side wall members interlocking with the ends of said vertical and horizontal members to retain said members in position, said members fitting tightly into said housing, whereby said housing retains said members in interlocked position,

said vertical and horizontal dividing members having restricted portions extending into their said slots, said restricted portion in each slot entering a slot in said interlocking member, said top, bottom and sides having interlocking edges, said horizontal and vertical members forming a plurality of equal compartments, and a sliding drawer in each compartment.

References Cited in the file of this patent

UNITED STATES PATENTS

633,318	Horle	Sept. 19, 1899
1,282,833	Holder	Oct. 29, 1918
1,528,341	Navarro	Mar. 3, 1925
2,486,743	Haffner	Nov. 1, 1949