May 13, 1947. J. H. BLANCHARD 2,420,459

HOME-STYLE CIGARETTE MAKING DEVICE

Filed Feb. 9, 1944 3 Sheets-Sheet 1

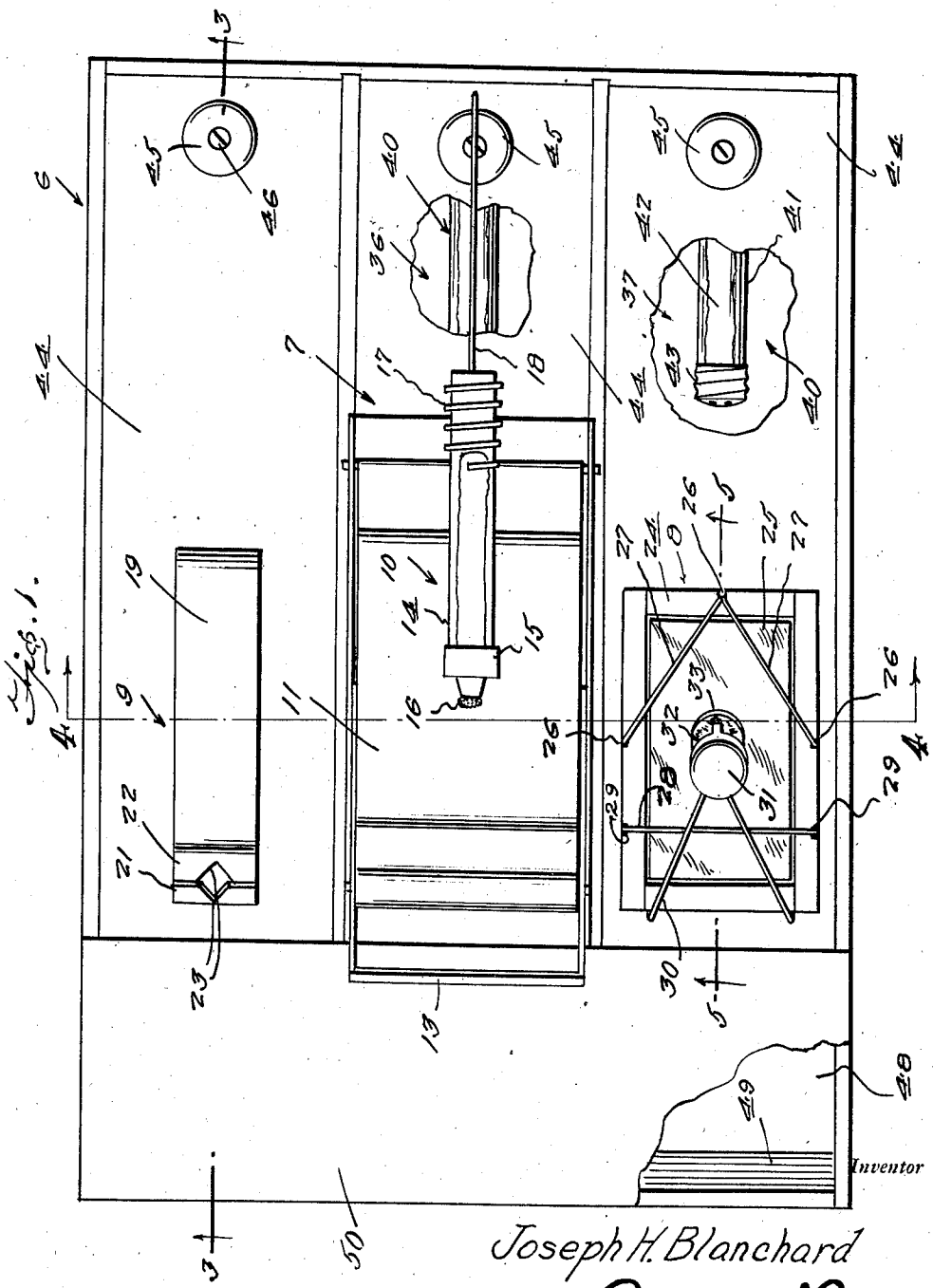


Fig. 1.

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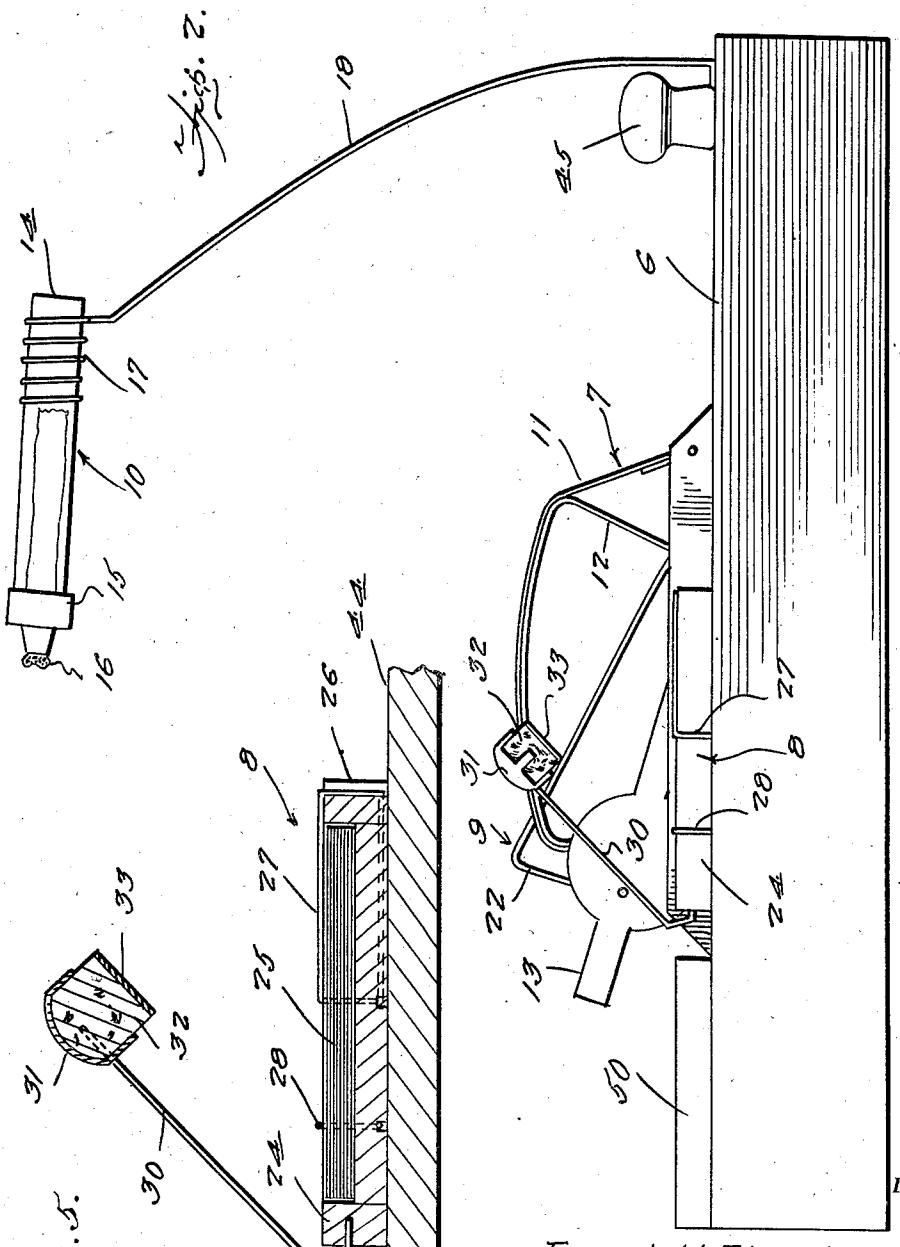
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HOME-STYLE CIGARETTE MAKING DEVICE

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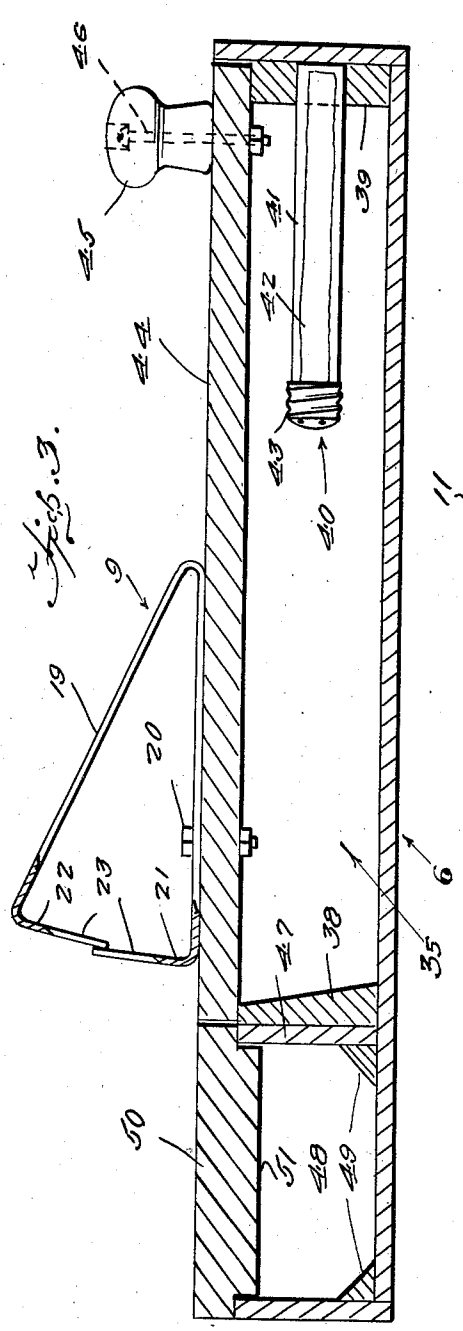


Fig. 3.

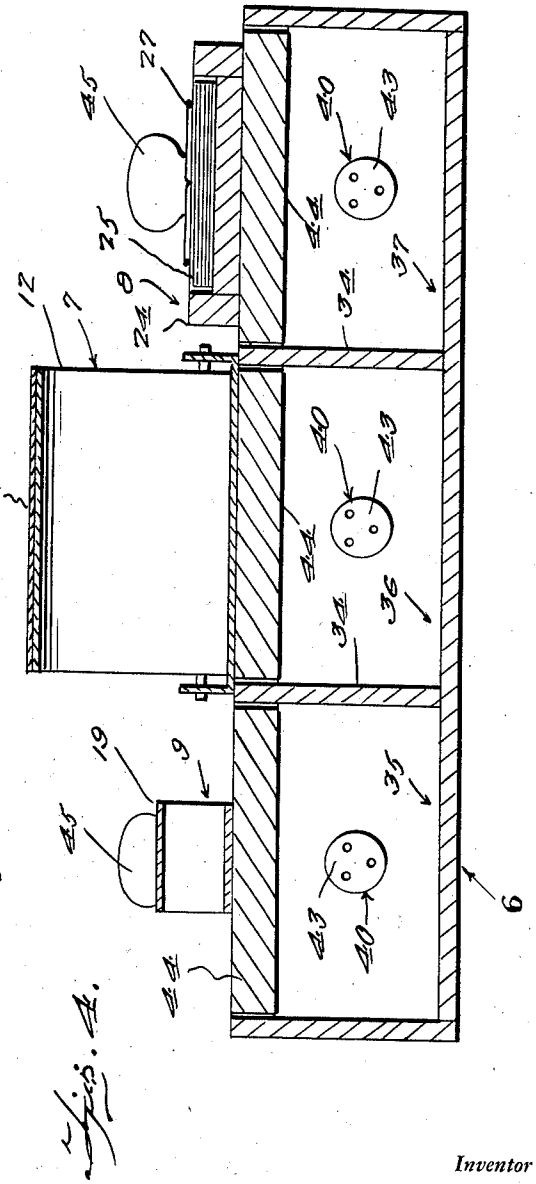


Fig. 4.

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Patented May 13, 1947

2,420,459

UNITED STATES PATENT OFFICE

2,420,459

HOME-STYLE CIGARETTE MAKING DEVICE

Joseph H. Blanchard, Chicago, Ill.

Application February 9, 1944, Serial No. 521,675

4 Claims. (Cl. 131—20)

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This invention relates to a domestic or so-called "home-style" cigarette rolling and making device and has more particular reference to an all-around multiple purpose device which embodies all requisite progressively usable appliances for selective usage.

More specifically, I achieve the desired aims through the instrumentality of a hollow base constructed in such a way as to define a cover-equipped multiple compartment tray, the lid-like covers thereof forming satisfactory and readily useful foundations for the various accessories needed in following the step-by-step making of today's cigarettes for tomorrow's use.

In carrying out the principles of the preferred embodiment of the complete cigarette maker, I have had in mind the choice and selection of structurally coordinated devices all on one base, there being, in this assemblage or arrangement, a cigarette rolling and making machine, a cigarette paper pick-up device, a paper edge wetting or moistening device, and a trimmer, all such devices being in orderly and readily available positions to permit the user to perform desired results with convenience and expediency. Visualized from another equally important point of view I have evolved and produced a compact and convenient structure which is quite simple and economical and in which the covers are standardized and interchangeable, each cover carrying its own accessory so as to permit said covers to be shifted about into their most advantageous positions depending on whether the user is left-handed or right-handed or finds it most advantageous to inter-relate the accessories in a sequence other than that depicted in the drawings.

Other features and advantages will become more readily apparent from the following description and the accompanying illustrative drawings.

In the drawings, wherein like numerals are employed to designate like parts throughout the views:

Figure 1 is a top plan view, with parts broken away, of a portable home-type cigarette making device constructed in accordance with the principles of the present invention.

Figure 2 is a side elevational view of the arrangement depicted in Figure 1.

Figure 3 is a longitudinal section taken on the plane of the line 3—3 of Figure 1, looking in the direction of the arrows.

Figure 4 is a transverse section taken on the line 4—4 of Fig. 1.

Figure 5 is a section on the plane of the line 5—5 of Figure 1.

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The hollow sectional variable base structure is denoted by the numeral 6 and is preferably constructed of wood and of general rectangular form. As regards "materials" it is obvious that no limitation is placed on the expression "wood" for any suitable equivalent material such as plastics or the like may obviously be utilized. Mounted on this base as brought out in Figure 1 is a marketed type cigarette rolling machine 7 of the so-called "roll your own" type. On one side of this is the cigarette paper holder and pick-up means 8 and on the other side is a cigarette trimmer 9. The numeral 10 designates the paper edge moistener or wetting device, this preferably being in alignment with the cigarette rolling device or machine 7.

As regards the latter device 7 it is understood that it is no part of the invention except as a contributory factor to the general combination. As brought out in Figure 2 it includes the usual flexible strap 11, form 12 and sweep-over hand equipped lever frame 13. Incidentally, the cigarette rolling machine illustrated in my drawings is similar, structurally and functionally, to that disclosed in U. S. patent to Strauss 1,969,586 and does not require, it is believed, a detailed description. The paper wetting and moistening device or means 10 comprises a glass, plastic or equivalent vial 14 having a cap 15 to accommodate a rubber or equivalent wick 16. This vial is mounted in a holding coil 17 formed on the upper free end of the resilient, bendable adapter limb or arm 18, the latter being anchored on the base. It is to be noted that this device 10 is in alignment with the device 7 and the moistener proper is located over one end of said device 7 so as to be in convenient position for applying the moisture to the connectible longitudinal edges of the rolled cigarette paper.

The trimmer 9 as brought out to advantage in Figure 3 comprises a substantially V-shaped spring, that is, metal spring 19 having one arm fastened by a bolt or the like 20 to the base. The free ends of the arms are laterally directed toward each other as at 21 and 22, the terminal edges being formed with notches and said notches being sharpened to provide cutting elements 23.

The paper holder and pick-up means 8 comprises a small wooden or equivalent box or receptacle 24 sufficient to accommodate a stack of cigarette papers 25. This is provided in one end and at opposite sides with notches 26 to accommodate rubber bands or the like 27 which extend diagonally across corner portions of the cigarette papers to normally hold the same taut and in

readiness for removal. There is a transverse rubber band or the like 28 seated in similar notches 29 in opposite sides and this extends across the left-hand end of the papers to hold the same down. The pick-up device comprises a pair of spring arms 30 suitably anchored at one end of the receptacle 24 and converging and connected with a metal cap 31. This cap serves as an adapter for a filler or cork plug 32 (see Figure 5) whose active face 33 has a gummed pick-up disk. The cap is simply sprung down against the tension of the arms and the adhesive or pick-up disk 33 catches one cigarette paper and lifts it up in readiness for convenient use. This obviates the necessity of fumbling with papers, especially if the fingers are wet, greasy or otherwise unsuitable to do so. This little device does the job neatly and lifts the cigarette paper up where it can be quickly detached from the disk 33 in readiness for rolling one's own.

Referring again to the hollow base, this as before stated is in the form of a tray and as shown in Figure 4 includes longitudinal parallel partitions 34 defining three duplicate compartments 35, 36 and 37, respectively. These compartments are adapted to contain charges of cigarette smoking tobacco ready for use. It will be observed in Figure 3 that the front ends of the compartments are provided with upwardly beveled blocks 38 which facilitate lifting the load of tobacco therefrom for use. There are also similar blocks 39 at the rear ends of the compartments. These blocks 39 serve to hold humidifiers 40. Each humidifier comprises a glass bottle or tube 41 with a wick 42 therein and an apertured screw cap 43. These devices fit removably in a socket formed in the block 39. There is one for each compartment. It is to be noted too that the blocks 38 and 39 terminate on planes to serve as ledges or rests for the removable covers 44. These covers are standardized and interchangeable from compartment to compartment. They also serve as foundation elements for the aforementioned accessories or devices 7, 8, 9 and 10. Each lid is provided at one end with a knob 45 held in place by a screw 46. One knob and screw arrangement serves as a suitable and convenient anchoring device for the lower end of the bendable limb 18, that is, the limb for the paper moistener device 10.

At the inner or front end of the tray (see Fig. 3) is a transverse partition 47 which coacts with the front wall in defining a storage compartment 48 for the made up cigarettes. This is provided with corner blocks 49 to facilitate lifting the made cigarette out for use. It is also provided with a lid 50 having a block portion 51 fitting into the upper end of the compartment. This serves as a miniature table and also as an effective closure for the cigarette holding compartment.

As before stated, the assemblage, as a unitary structure constitutes a home-style or type cigarette making apparatus. It is suitable for use in making one's own cigarettes, that is, today for ready use tomorrow. The lids or covers for the long compartments are interchangeable and this makes it possible, inasmuch as they serve as mounting devices for the accessories, to rearrange the order of the accessories to the best advantage whether the user be left-handed or right-handed. And too, the rolling machine could be placed on one side, the cutter in the middle and the cigarette pick-up means at one end. However, this adaptability or phase of the invention renders it susceptible of accommodating the need of the individual employing the general utility apparatus.

Cigarette tobacco can be dumped from the original market packages into the various compartments and will be kept fresh by the humidifying devices therein. These compartments are generally of a capacity to accommodate, let us say, the contents of a ten-cent package of cigarette tobacco. The lids fit down in the compartments on the supporting blocks and add to the efficiency of the compartments as tobacco holders. The knobs are handily employed not only to open the lids or covers but to shift the same into rearranged relationship, that is, a relationship different from that depicted in the drawings. All of the parts, including the tray or base structure and accessories contribute their proportionate share in the production of a simplified and readily useful cigarette making device.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in the shape, size and arrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

Having described the invention, what is claimed as new is:

1. In a portable hand-type cigarette roller and maker of the class described, a flat bottom rectangular box including a hollow base forming a relatively shallow tray, said tray being partitioned and providing a plurality of open top selectively usable compartments, said compartments being adapted to be charged with cigarette tobacco, a removable self-contained humidifier in each compartment, removable, substantially duplicate covers for the open tops of the respective compartments, said covers being all in the same horizontal plane and interchangeable from one compartment to the other, and individual selectively and sequentially usable cigarette-making devices, there being one device fixedly mounted on the top of each cover and said devices being disposed in side-by-side relationship to expedite and facilitate the making of cigarettes.

2. In a portable hand-type cigarette roller and maker of the class described, a flat bottom rectangular box including a hollow base forming a relatively shallow tray, said tray being partitioned and providing a plurality of open top selectively usable compartments, said compartments being adapted to be charged with cigarette tobacco, a removable self-contained humidifier in each compartment, removable, substantially duplicate covers for the open tops of the respective compartments, said covers being all in the same horizontal plane and interchangeable from one compartment to the other, and individual selectively and sequentially usable cigarette-making devices, there being one device fixedly mounted on the top of each cover and said devices being disposed in side-by-side relationship to expedite and facilitate the making of cigarettes, one of said devices comprising a cigarette-rolling and making machine.

3. In a portable hand-type cigarette roller and maker of the class described, a flat bottom rectangular box including a hollow base forming a relatively shallow tray, said tray being partitioned and providing a plurality of open top selectively usable compartments, said compartments being adapted to be charged with cigarette tobacco, a

removable self-contained humidifier in each compartment, removable, substantially duplicate covers for the open tops of the respective compartments, said covers being all in the same horizontal plane and interchangeable from one compartment to the other, and individual selectively and sequentially usable cigarette-making devices, there being one device fixedly mounted on the top of each cover and said devices being disposed in side-by-side relationship to expedite and facilitate the making of cigarettes, one of said devices comprising a cigarette-rolling and making machine, and a cigarette-paper wetting device, this being in alignment with said cigarette-rolling and making machine and including a bendable limb poised over and adjacent to said machine.

4. In a portable hand-type cigarette roller and maker of the class described, a flat bottom rectangular box including a hollow base forming a relatively shallow tray, said tray being partitioned and providing a plurality of open top selectively usable compartments, said compartments being adapted to be charged with cigarette tobacco, a removable self-contained humidifier in each compartment, removable, substantially duplicate covers for the open tops of the respective compartments, said covers being all in the same horizontal plane and interchangeable from one compartment to the other, and individual selectively and sequentially usable cigarette-making devices, there being one device fixedly mounted on the top of each cover and said devices being disposed in side-by-side relationship to expedite and facilitate the making of cigarettes, one of said devices comprising a cigarette-rolling and making machine, a second one of said devices being a cigarette-paper wetting device, this being in alignment with said cigarette-rolling and making machine and including a bendable limb poised over and adjacent to said machine, and another one of said devices comprising means for mechanically picking up cigarette papers one by one for use in conjunction with said machine and paper-wetting device.

JOSEPH H. BLANCHARD.

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