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(54) **CUTTING STATION FOR CUTTING EDIBLE ITEMS**

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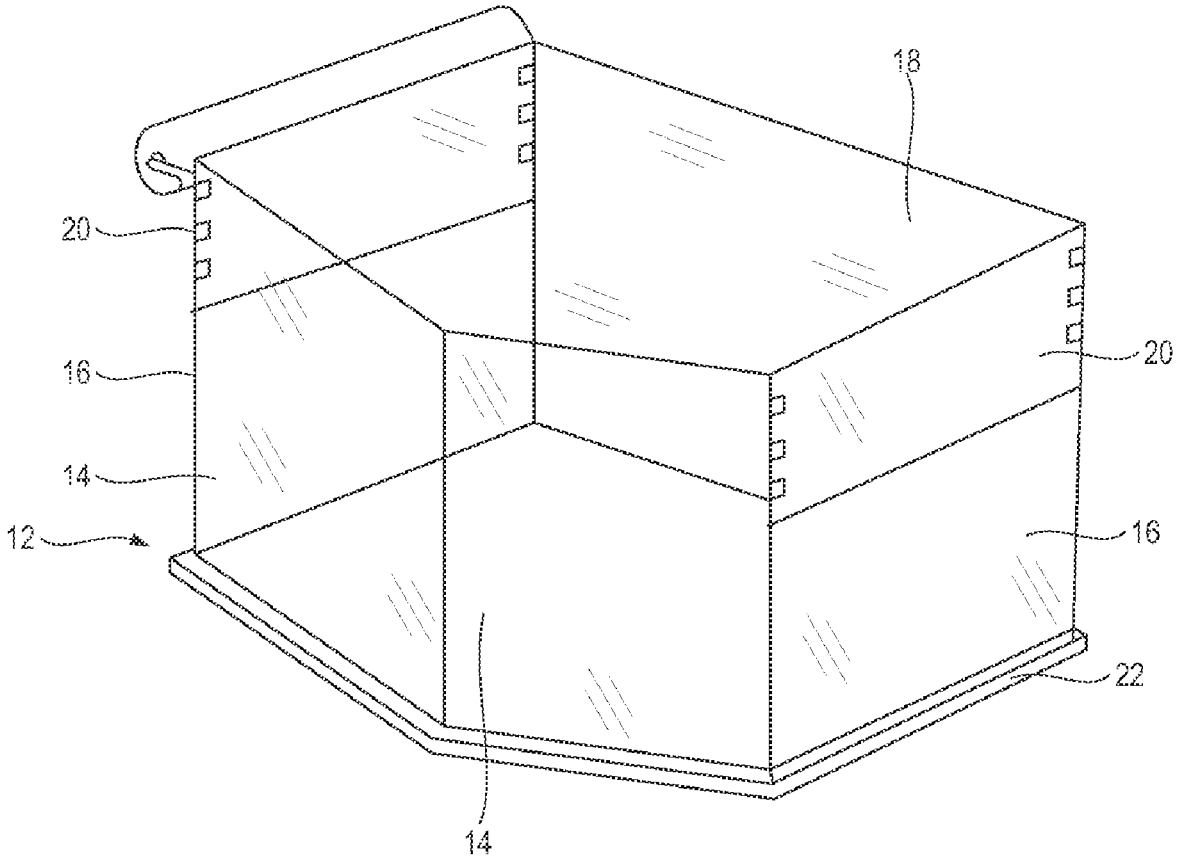
(57) **ABSTRACT**

Embodiments of the present invention disclose a cutting station for cutting edible items. The cutting station includes a front panel structure, two side panels configured to be coupled with two ends of the front panel structure via a first set of coupling members, and a top panel configured to be mounted over the front panel structure and the two side panels via a second set of coupling members. Further, in an assembled state, the front panel structure, the two side panels and the top panel define a working space, with the working space being accessible to a user from a rear side.



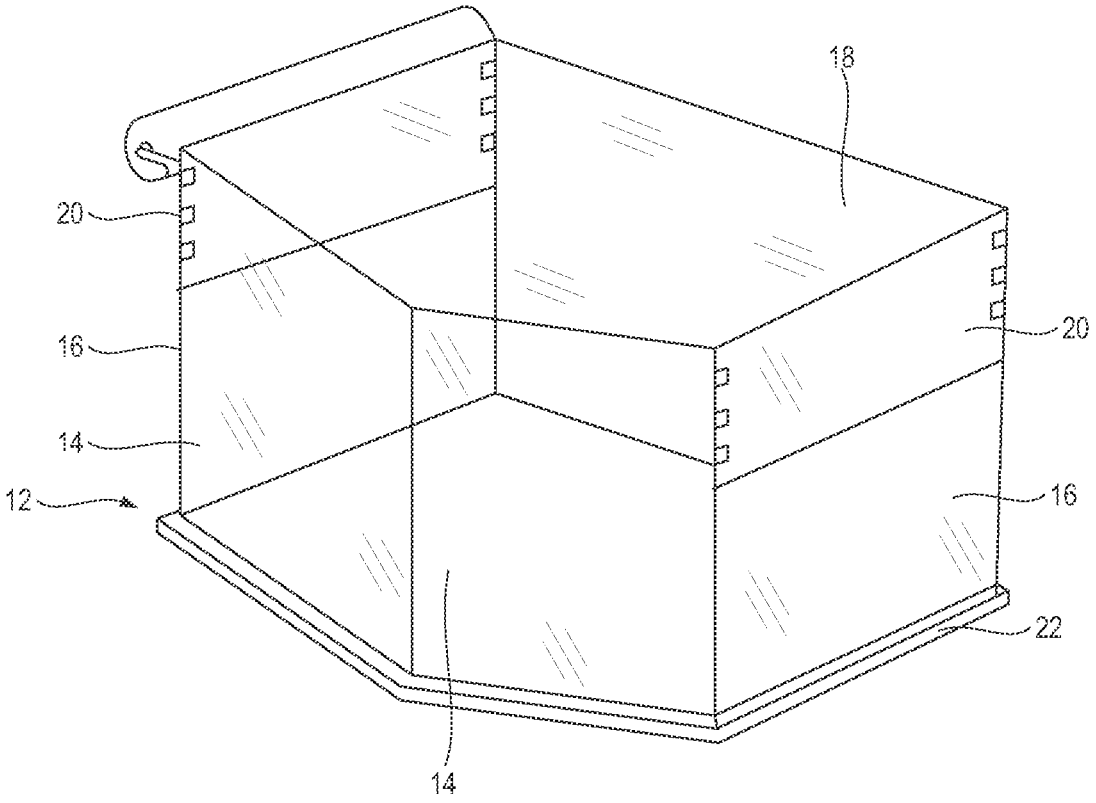


FIG. 1A

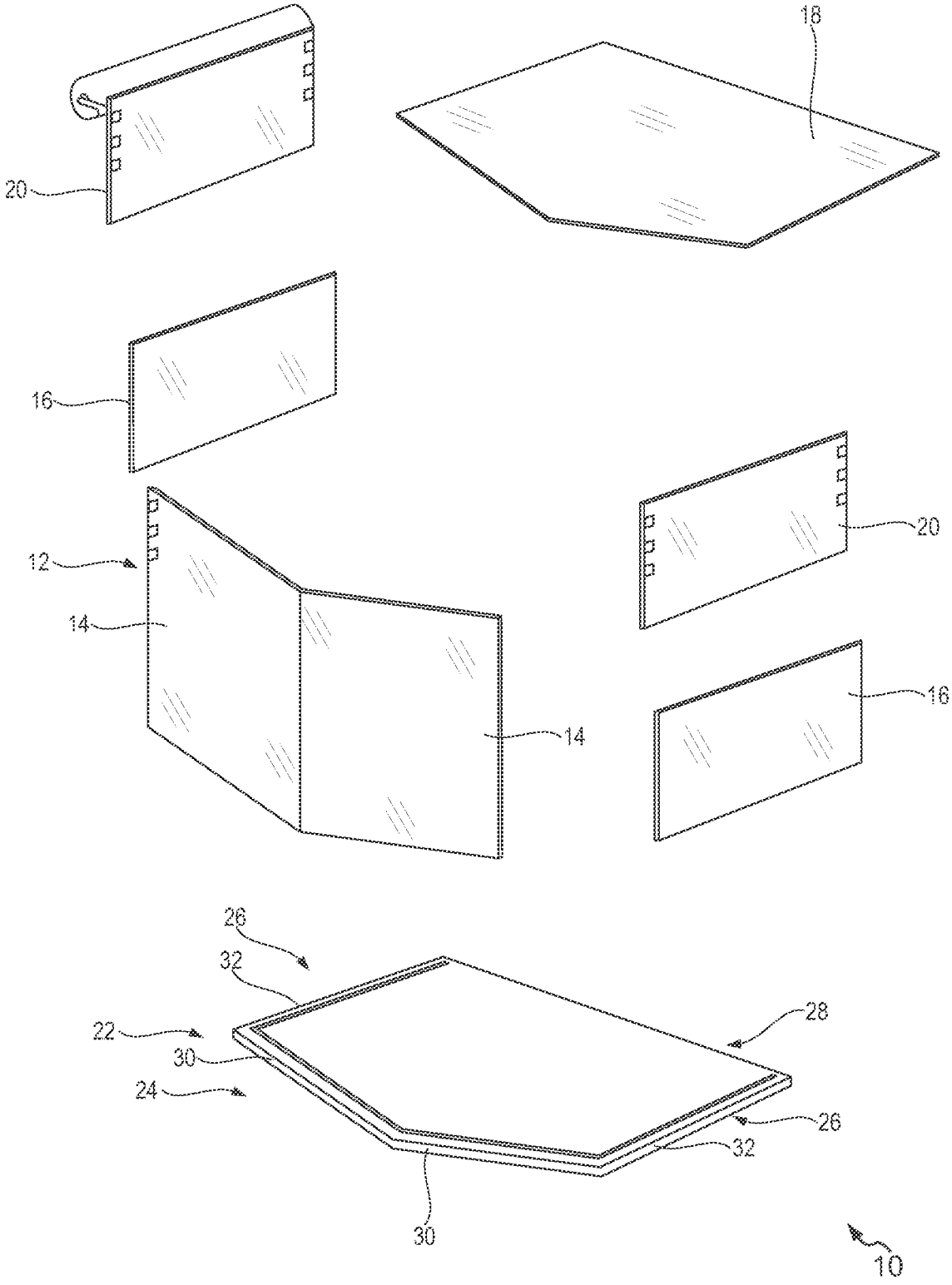


FIG. 1B

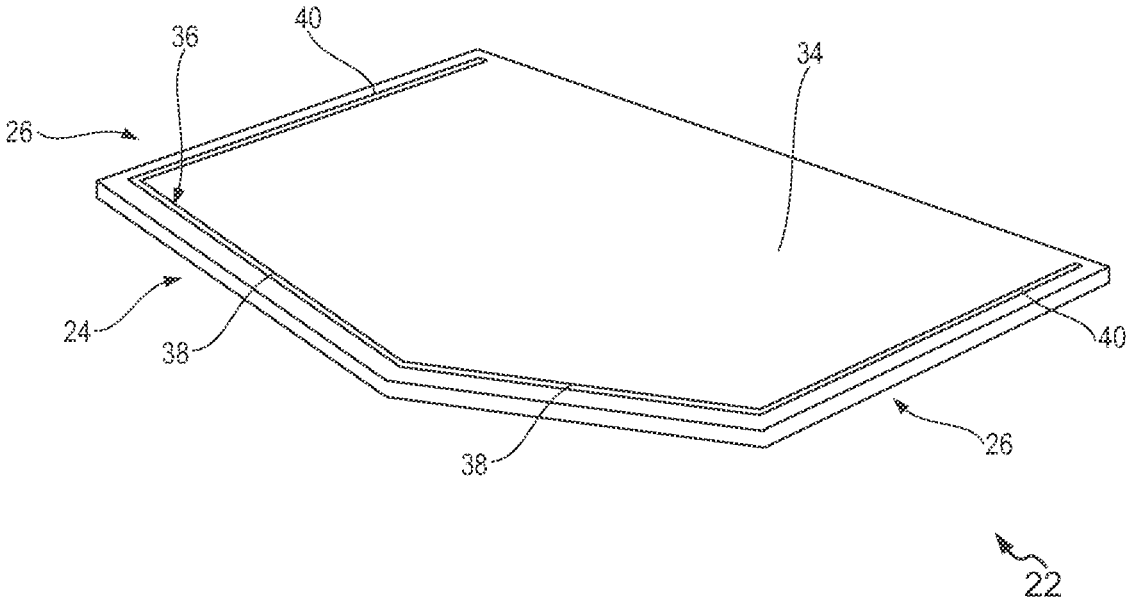

36
40
34
26
24
38
40
38
26
22

FIG. 1C

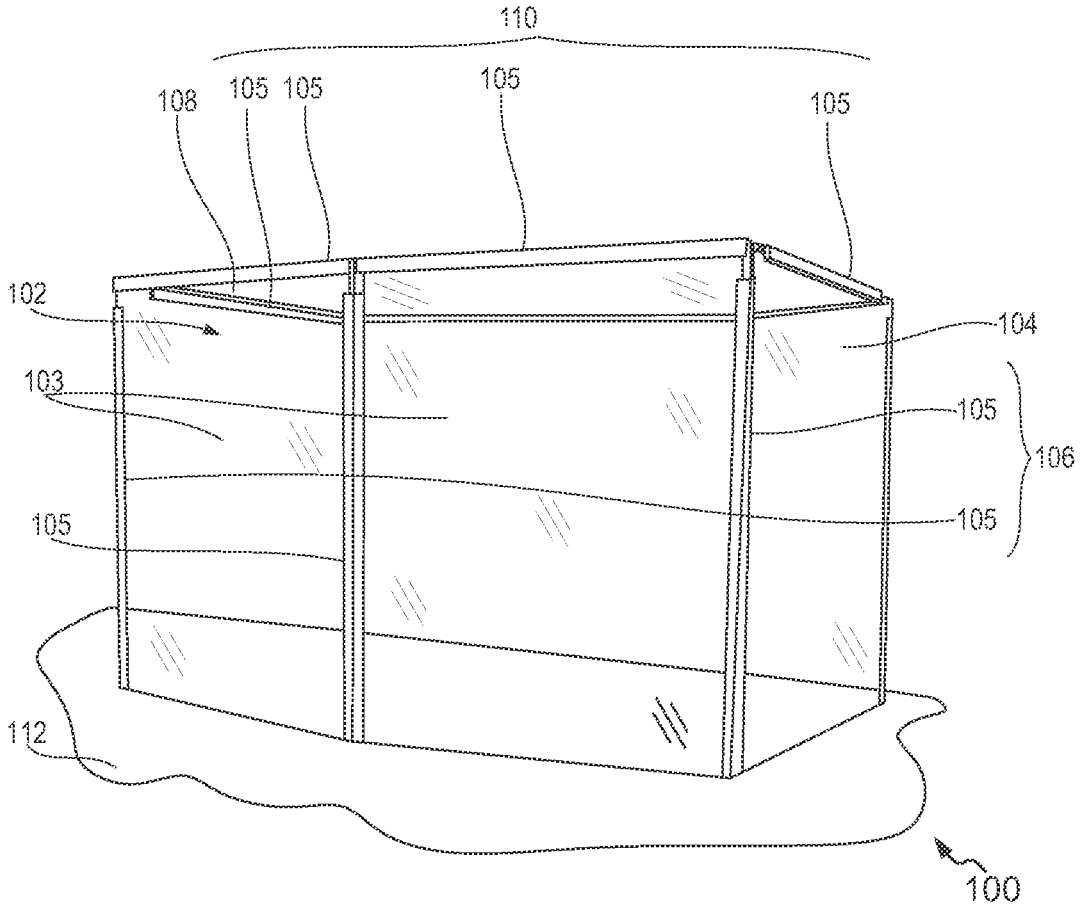

110
108
105
105
105
105
102
104
103
105
106
105
105
112
100

FIG. 1D

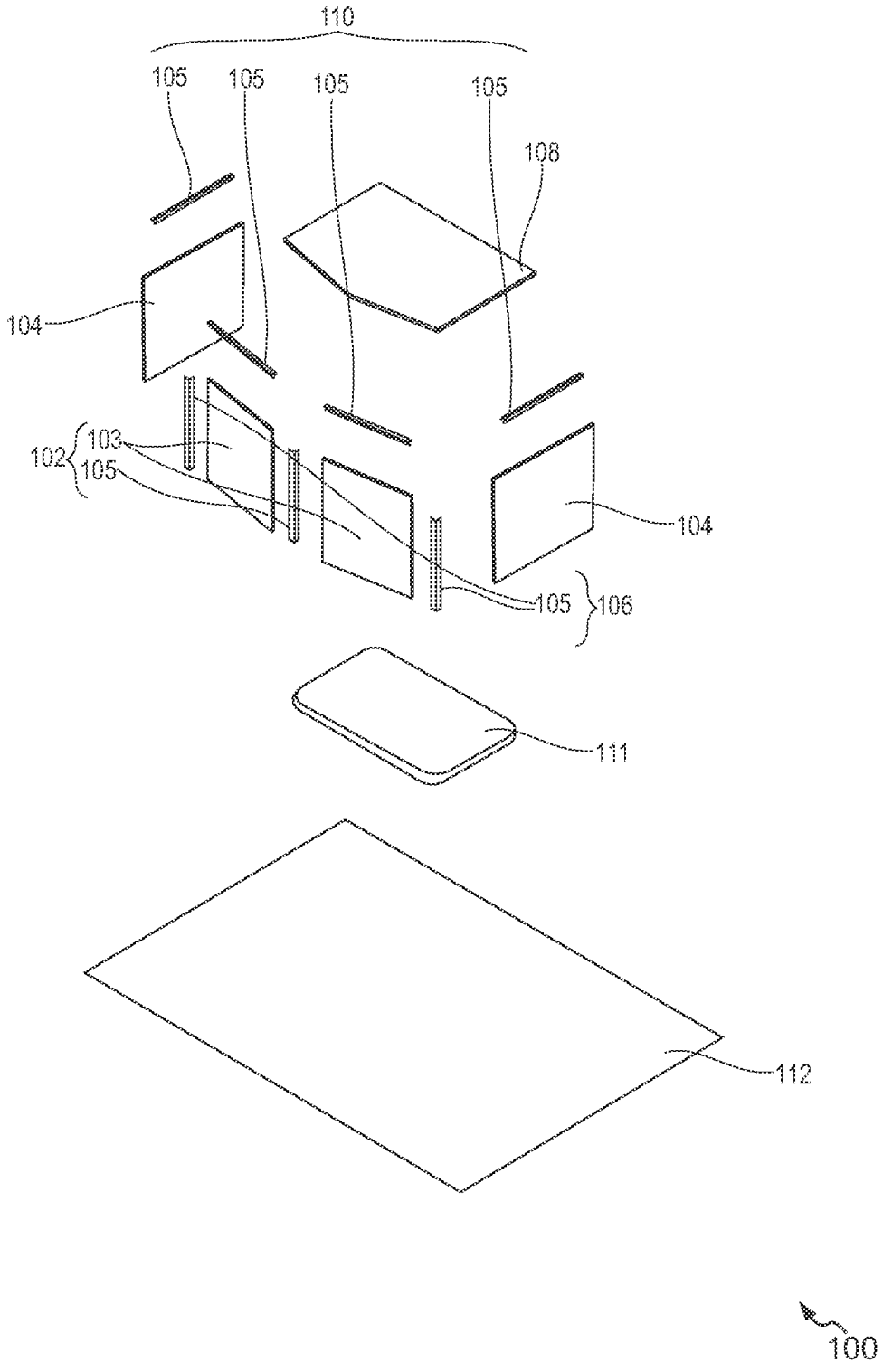


FIG. 1E

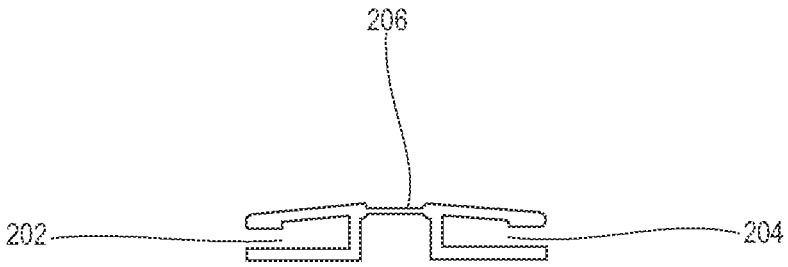


FIG. 2

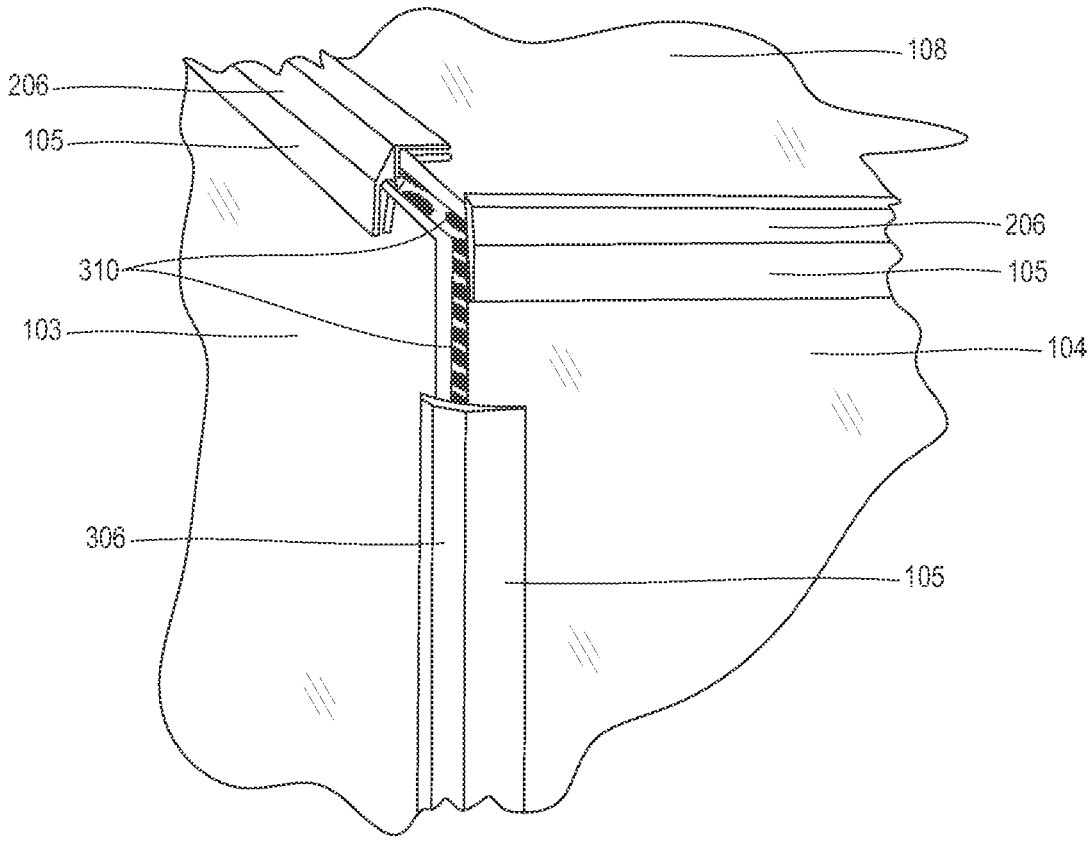


FIG. 3

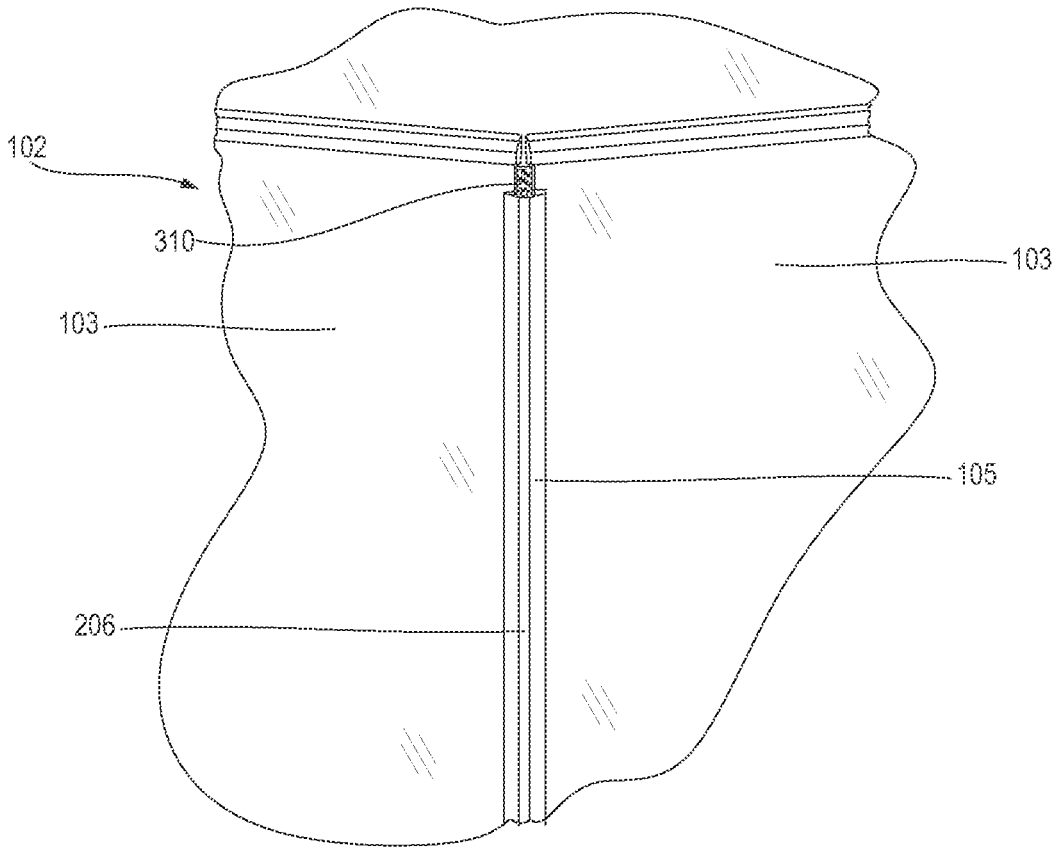


FIG. 4

CUTTING STATION FOR CUTTING EDIBLE ITEMS

TECHNICAL FIELD

[0001] The present invention generally relates to kitchen-based accessories. More specifically the present invention relates to kitchen-based accessories used for cutting edible items.

BACKGROUND ART

[0002] Edible items such as meat, fruits, and vegetable are generally cut using a chopping board and a knife. Chopping boards may be made up of a variety of materials, such as wood, bamboo, plastic, glass, ceramics, stone, and stainless steel. Additionally, chopping boards are now available in color-coded forms. For example, white chopping boards are considered suitable for bakery and dairy products, yellow chopping boards are considered suitable for cutting cooked meat, brown chopping boards are considered suitable for cutting root vegetables, red chopping boards are considered suitable for cutting raw meat, blue chopping boards are considered suitable for cutting raw fish and green chopping boards are considered suitable for cutting salad, fruits, and fresh vegetables.

[0003] Kitchen knives are also available in different varieties, such as paring knives for basic utility work in the kitchen, boning knives for removing meat from bones and cutting fish or poultry, chef's knives used for chopping and slicing fruits and vegetables, carving and slicing knives for slicing meats, bread knives used for cutting loaves of bread, cleavers used for cutting through meat and bones, utility knives for miscellaneous cutting and tomato knives with fine serrations.

[0004] However, during the cutting or chopping of the edible items, the fluids stored in the edible items are spread over a large area because of the lack of any protection around the chopping board. Droplets of fluid may be formed and may be spread over a large area as the knife makes an incision in the edible item. Or the fluid may spill onto the table on which the edible item is being cut. The process of chopping or cutting edible items becomes even messier when the edible item is meat as the fluids emanating from the meat may also include blood and disease-causing micro-organisms.

[0005] Therefore, there is a need for a device that overcomes the disadvantages and limitations associated with the devices known in the art and provides a more satisfactory solution.

SUMMARY OF THE INVENTION

[0006] According to an aspect of the present invention, there is provided a cutting station for cutting edible items. The cutting station includes a front panel structure, two side panels configured to be coupled with two ends of the front panel structure via a first set of coupling members, and a top panel configured to be mounted over the front panel structure and the two side panels via a second set of coupling members. Further, in an assembled state, the front panel structure, the two side panels and the top panel define a working space, with the working space being accessible to a user from a rear side.

[0007] In one embodiment of the invention, the front panel structure includes two front panels disposed at an obtuse angle and coupled using a coupling member.

[0008] In one embodiment of the invention, the cutting station further includes a tablecloth configured to be spread on a table, under the front panel structure and the two side panels.

[0009] In one embodiment of the invention, the tablecloth is made up of Polyvinyl Chloride (PVC) material.

[0010] In one embodiment of the invention, the coupling members are made up of Polyvinyl Chloride (PVC) material.

[0011] According to another aspect of the present invention, there is provided a cutting station for cutting edible items. The cutting station includes a front panel structure including two front panels disposed at an obtuse angle and coupled using a coupling member, two side panels configured to be coupled with two ends of the front panel structure via a first set of coupling members, and a top panel configured to be mounted over the front panel structure and the two side panels via a second set of coupling members. Further, in an assembled state, the front panel structure, the two side panels and the top panel define a working space, with the working space being accessible to a user from a rear side.

[0012] In one embodiment of the invention, the cutting station further includes a tablecloth configured to be spread on a table, under the front panel structure and the two side panels.

[0013] In one embodiment of the invention, the tablecloth is made up of Polyvinyl Chloride (PVC) material.

[0014] In one embodiment of the invention, the two front panels, the two side panels, and the top panel are made up of clear acrylic material.

[0015] In one embodiment of the invention, the coupling members are made up of Polyvinyl Chloride (PVC) material.

[0016] According to another aspect of the present invention, there is provided a cutting station for cutting edible items. The cutting station includes a front panel structure including two front portions disposed at an obtuse angle, two side panels configured to be coupled with two ends of the front panel structure. In an assembled state the front panel structure and the two side panels define a working space, with the working space being accessible to a user from a rear side.

[0017] In one embodiment of the invention, the cutting station further includes a top panel configured to be mounted over the front panel structure and the two side panels.

[0018] In one embodiment of the invention, the cutting station further includes a plurality of sliders configured to be attached sideways onto the two side panels for height adjustment of the two side panels.

[0019] In one embodiment of the invention, the cutting station further includes a plurality of sliders telescopically arranged with the two side panels to slide vertically with respect to the two side panels, for height adjustment of the two side panels.

[0020] In one embodiment of the invention, the cutting station further includes a chopping board comprising a front portion, two side portions, and a rear portion, wherein the front portion includes two front surfaces inclined at an obtuse angle to align with the front panel structure, and the two side portions include two respective side surfaces to align with the two side panels.

[0021] In one embodiment of the invention, a top surface of the chopping board includes a front slot with two side-arms disposed at an obtuse angle, in the front portion and configured to receive the front panel structure, and two straight slots in the two side portions configured to receive the two side panels, for forming a snap-fit assembly of the chopping board with the front panel structure and the two side panels.

[0022] In one embodiment of the invention, the front panel structure and the two side panels are made up of clear acrylic material.

[0023] In one embodiment of the invention, the cutting station further includes a tablecloth configured to be spread on a table, under the chopping board.

[0024] In one embodiment of the invention, the tablecloth is made up of Polyvinyl Chloride material.

BRIEF DESCRIPTION OF THE ACCOMPANYING DRAWINGS

[0025] The following detailed description of illustrative embodiments is better understood when read in conjunction with the appended drawings. To illustrate the present disclosure, exemplary constructions of the disclosure are shown in the drawings. However, the present disclosure is not limited to a specific device, or a tool and instrumentalities disclosed herein. Moreover, those in the art will understand that the drawings are not to scale.

[0026] FIG. **1**A illustrates a perspective view of a cutting station for cutting edible items, in accordance with an embodiment of the present invention;

[0027] FIG. **1**B illustrates an exploded view of the cutting station of FIG. **1**A

[0028] FIG. **1**C illustrates a chopping board of the cutting station of FIG. **1**A, in accordance with an embodiment of the present invention;

[0029] FIG. **1**D illustrates a perspective view of the cutting station for cutting edible items, in accordance with another embodiment of the present invention;

[0030] FIG. **1**E illustrates an exploded view of the cutting station of FIG. **1**C;

[0031] FIG. **2** illustrates a cross-section of a coupling member, in accordance with an embodiment of the present invention;

[0032] FIG. **3** illustrates a coupling of a front panel, a side panel, and a top panel using a plurality of coupling members; and

[0033] FIG. **4** illustrates a coupling between two front panels of a front panel structure.

[0034] The drawings referred to in this description are not to be understood as being drawn to scale except if specifically noted, and such drawings are only exemplary in nature.

DETAILED DESCRIPTION

[0035] In the following description, for purposes of explanation, numerous specific details are set forth in order to provide a thorough understanding of the present disclosure. It will be apparent, however, to one skilled in the art that the present disclosure can be practiced without these specific details. Descriptions of well-known components and processing techniques are omitted so as to not unnecessarily obscure the embodiments herein. The examples used herein are intended merely to facilitate an understanding of ways in which the embodiments herein may be practiced and to further enable those of skill in the art to practice the embodiments herein. Accordingly, the examples should not be construed as limiting the scope of the embodiments herein.

[0036] Reference in this specification to "one embodiment" or "an embodiment" means that a particular feature, structure, or characteristic described in connection with the embodiment is included in at least one embodiment of the present disclosure. The appearances of the phrase "in an embodiment" in various places in the specification are not necessarily all referring to the same embodiment, nor are separate or alternative embodiments mutually exclusive of other embodiments. Moreover, various features are described which may be exhibited by some embodiments and not by others. Similarly, various requirements are described which may be requirements for some embodiments but not for other embodiments.

[0037] Moreover, although the following description contains many specifics for the purposes of illustration, anyone skilled in the art will appreciate that many variations and/or alterations to said details are within the scope of the present disclosure. Similarly, although many of the features of the present disclosure are described in terms of each other, or in conjunction with each other, one skilled in the art will appreciate that many of these features can be provided independently of other features. Accordingly, this description of the present disclosure is set forth without any loss of generality to, and without imposing limitations upon, the present disclosure.

[0038] Various embodiments of the present invention provide a cutting station for cutting edible items such as meat, fish, poultry, fruits and vegetables. The cutting station includes a front panel structure. The front panel structure may include two front panels coupled together using a coupling member. The two front panels may be disposed at an obtuse angle. Two side panels are coupled with two edges of the front panel structure using a first set of coupling members. The first set of coupling members may therefore include two coupling members. Further, a top panel is mounted over the front panel structure and the two side panels using a second set of coupling members. The second set of coupling members may therefore include four coupling members, with one coupling member over each one of the two front panels, and the two side panels. In an assembled state the front panel structure, the two side panels, and the top panel define a working space. The working space is a three-dimensional space where the edible items such as meat, fish, poultry, fruits, and vegetables would be placed and cut using a knife. The working space is accessible to a user from a rear side.

[0039] The front panel constitutes a forward portion of the cutting station. The two side panels constitute lateral portions of the cutting station. Similarly, the top panel constitutes a top portion of the cutting station. The rear side of the cutting station is kept open and accessible to the user. The front panel structure would therefore prevent the fluid droplets flying in the forward direction to spill over. Similarly, the two side panels would prevent the fluid droplets flying sideways from spilling over and the top panel would prevent the fluid droplets flying in the upwards direction from spilling over. In several embodiments, the cutting station also includes a tablecloth. The tablecloth is supposed to be spread on the table and under the front panel structure and the two side panels. The tablecloth would then be able to

collect the fluid droplets emanating from the edible item when the edible item is being cut using a knife.

[0040] The coupling member may include a first gripping member, a second gripping member and a neck region. The first gripping member may be configured to receive and secure a first panel, for example the front panel and the second gripping member may be configured to receive and secure a second panel, for example the top panel. The neck region may be configured for flexion allowing the coupling member to flex in an angular range of 0 to 180 degrees. Therefore, the neck region may allow coupling between two orthogonal panels such as between the front panel and the top panel. However, the neck region may also allow coupling between two non-orthogonal panels, such as the two front panels which are disposed at an obtuse angle. Moreover, the two front panels of the front panel structure, the two side panels and the top panel may be made up of clear acrylic material. The tablecloth and the coupling members may be made up of Polyvinyl Chloride (PVC) material. In several embodiments, the coupling members may provide sealed coupling between the front, side and the top panels. However, in several alternate embodiments, wherever necessary, where two panels are coupled to each other using coupling members, the proper sealant material may be applied between the panels, in areas not covered by the coupling members, to prevent any leakage of fluids from in between the panels.

[0041] Various example embodiments of the present invention are described hereinafter with reference to FIG. **1**A to FIG. **4**.

[0042] FIG. **1**A illustrates a perspective view of a cutting station **10** for cutting edible items, in accordance with an embodiment of the present invention. The cutting station **10** includes a front panel structure **12** disposed in a front portion of the cutting station **10**. The front panel structure **12** includes two front panels **14** disposed at an obtuse angle with respect to each other. The two front panels **14** may be coupled to each other using a coupling member (not shown in FIG. **1**A) providing a sealed coupling between the two front panels **14**. Further, the cutting station **10** includes two side panels **16** configured to be coupled to two ends of the front panel structure **12**. The two side panels **16** may be coupled to the two ends of the front panel structure **12** using appropriate coupling members that provide sealed coupling between the front panel structure **12** and the two side panels **16**. Moreover, the two front panels **14** are disposed at obtuse angles with the two respective side panels **16** giving the cutting station **10** a boat-like shape. In an assembled state, the front panel structure **12** and the two side panels **16** define a working space that is accessible to a user from the rear side of the cutting station **10**. The working space is the space where the edible item would be located and cut using a knife. In several embodiments of the invention, the cutting station **10** also includes a top panel **18**. The top panel **18** is configured to be mounted over the front panel structure **12** and the two side panels **16**. The top panel **18** may be mounted on top of the front panel structure **12** and the two side panels **16** using a set of coupling members that provide sealed coupling between the top panel **18**, the front panel structure **12** and the two side panel **16**. The top panel **18** provides covering to the cutting station **10** from the top portion of the cutting station **10**.

[0043] The cutting station **10** also includes a plurality of sliders **20** for height adjustment of the two side panels **16**. In that manner, the plurality of sliders **20** is located on top portions of the two side panels **16**. In one embodiment of the invention, the plurality of sliders **20** is configured to be attached sideways onto the two side panels **16**, by sliding the plurality of sliders **20** sideways on top of the two side panels **16**. In one alternate embodiment of the invention, the plurality of sliders **20** is telescopically arranged with the two side panels **16** and slide vertically with respect to the two side panels **16** for height adjustment of the two side panels **16**. The front panel structure **12**, the two side panels **16**, the top panel **18** and the plurality of sliders **20** may be detached from each other allowing the cutting station **10** to be collapsible for easy storage and handling. In several embodiments of the invention, the front panel structure **12** including the two front panels **14**, the two side panels **16**, the plurality of sliders **20**, and the top panel **18** are made up of clear acrylic material. The cutting station **10** also includes a chopping board **22**.

[0044] The chopping board **22** may be made up of a variety of materials, such as wood, bamboo, plastic, glass, ceramics, stone, and stainless steel. Additionally, the chopping board **22** may be color coded. For example, white chopping boards are considered suitable for bakery and dairy products, yellow chopping boards are considered suitable for cutting cooked meat, brown chopping boards are considered suitable for cutting root vegetables, red chopping boards are considered suitable for cutting raw meat, blue chopping boards are considered suitable for cutting raw fish and green chopping boards are considered suitable for cutting salad, fruits, and fresh vegetables. The chopping board **22** is also configured to receive the front panel structure **12** and the two side panels **16** in respective slots (not shown in FIG. **1**A) arranged for receiving the front panel structure **12** and the two side panels **16** and form a snap-fit arrangement with the front panel structure **12** and the two side panels **16**.

[0045] FIG. **1**B illustrates an exploded view of the cutting station **10** of FIG. **1**A. The front panel structure **12** includes two front panels **14**. The two side panels **16** are configured to be coupled with two ends of the front panel structure **12**. The top panel **18** is configured to be mounted over the front panel structure **12** and the two side panels **16**. The plurality of sliders **20** is configured for height adjustment of the two side panels **16**. The chopping board **22** includes a front portion **24**, two side portions **26**, and a rear portion **28**. The front portion **24** of the chopping board **22** includes two front surfaces **30**. The two front surfaces **30** are inclined with respect to each other at an obtuse angle and therefore align with the two front panels **14** of the front panel structure **12**. One of the two front surfaces **30** aligns with one of the two front panels **14** and the other of the two front surfaces **30** aligns with the other of the two front panels **14**. The two side portions **26** include two respective side surfaces **32** that align with the two respective side panels **16**. Moreover, the two front surfaces **30** are disposed at obtuse angles with the two respective side surfaces **32** giving the chopping board **22** a boat-like shape that forms a snap-fit arrangement with the front panel structure **12** and the two side panels **16**.

[0046] FIG. **1**C illustrates the chopping board **22** of the cutting station **10** of FIG. **1**A, in accordance with an embodiment of the present invention. The chopping board **22** also includes a top surface **34**. The top surface **34** includes a front slot **36**. The front slot **36** includes two sidearms **38** disposed at an obtuse angle with each other, in the front portion **24** of

the chopping board **22**. The two sidearms **38** are aligned with the two front panels **14** of the front panel structure **12**. The front slot **36** by its design is configured to receive the front panel structure **12** to form a snap-fit arrangement with the front panel structure **12**. The top surface **34** also includes two straight slots **40**, one in each of the two side portions **26** of the chopping board **22**. The two straight slots **40** are configured to receive the two side panels **16** to form a snap-fit arrangement with the two straight slots **40** and consequently with the chopping board **22**. The two straight slots **40** are disposed at obtuse angles with the front slot **36**. The cutting station **10** further includes a tablecloth (not shown in FIG. **1**C) configured to be spread on a table under the chopping board **40**. The tablecloth would then be able to collect the fluid droplets emanating from the edible item when the edible item is being cut using a knife. In one embodiment of the invention, the tablecloth **42** is made up of Polyvinyl Chloride (PVC) material.

[0047] In use, the tablecloth would be spread on the table, and the chopping board **22** would be placed on the tablecloth. The front panel structure **12** would form a snap-fit arrangement with the front slot **36** in the front portion **24** of the chopping board **22**, and the two side panels **16** would form a snap-fit arrangement with the two straight slots **40** in the two side portions **26** of the chopping board **22**. Optionally, the top panel **18** would be located on top of the front panel structure **12** and the two side panels **16**. The edible item would be placed in the working space of the cutting station **10** and cut using a knife. The fluids and other excretions emanating from the edible item would be collected by the tablecloth.

[0048] FIG. **1**D illustrates a perspective view of a cutting station **100** for cutting edible items, in accordance with another embodiment of the present invention. The cutting station **100** includes a front panel structure **102**. The front panel structure **102** constitutes a forward portion of the cutting station **100**. In one embodiment of the invention, the front panel structure **102** includes two front panels **103** disposed at an obtuse angle and coupled using a coupling member **105**. In another non-limiting embodiment of the invention, the front panel structure **102** may include a single panel. The cutting station **100** further includes two side panels **104** coupled with two ends of the front panel structure **102** via a first set **106** of the coupling members **105**. In that regard, the first set **106** of the coupling members **105** may include two coupling members **105**, one at each side of the front panel structure **102**. The two side panels **104** constitute the lateral portions of the cutting station **100**.

[0049] The cutting station **100** also includes a top panel **108** configured to be mounted over the front panel structure **102** and the two side panels **104** via a second set **110** of the coupling members **105**. In that regard, the second set **110** of the coupling members **105** may include four coupling members **105**, with one coupling member **105** over each one of the two front panels **103** and the two side panels **104**. The top panel **108** constitutes the top portion of the cutting station **100**. In an assembled state, the front panel structure **102**, the two side panels **104** and the top panel **108** define a working space. The working space is configured to be accessible to a user from a rear side. The working space is the space where the user may place the edible item, preferably on chopping board and cut the edible item using a knife. The edible item may include fruits, vegetables, breads, poultry, meat and the like. In several embodiments of the invention, the cutting station **100** also includes a tablecloth **112**. The tablecloth **112** is configured to be spread on a table, under the front panel structure **102** and the two side panels **104**. The chopping board or the edible item is envisaged to be located onto the tablecloth **112**.

[0050] FIG. **1**E illustrates an exploded view of the cutting station **100** of FIG. **1**D. FIG. **1**E illustrates the front panel structure **102**. As mentioned above, the front panel structure **102** includes the two front panels **103** coupled using the coupling member **105**. FIG. **1**E also illustrates the two side panels **104** and the first set **106** of the coupling members **105**. The first set **106** of the coupling members **105** are envisaged to couple the two side panels **104** with two ends of the front panel structure **102**. Further illustrated is the top panel **108** and the second set **110** of the coupling members **105**. The second set **110** of the coupling members **105** are envisaged to mount the top panel **108** over the front panel structure **102** and the two side panels **104**. Also illustrated in FIG. **1**E are a chopping board **111** and the tablecloth **112**.

[0051] In several embodiments of the invention the two front panels **103**, the two side panels **104** and the top panel **108** are made up of clear acrylic material. Using acrylic material offer several advantages, such as acrylic has excellent optical clarity and transparency. Further acrylic is highly resistant to variations in temperature. Acrylic can be up to seventeen times more impact resistant when compared with ordinary glass. For the same strength, acrylic is half the weight of glass and ideal for precision machining. Acrylic is highly resistant to many chemicals. Moreover, acrylic is easy to fabricate, shape, clean and maintain.

[0052] In several embodiments of the invention, the tablecloth **112**, the first set **106** of the coupling members **105**, the second set **110** of the coupling members **105** and the coupling member **105** are made up of Polyvinyl Chloride (PVC) material. PVC offers several advantages, such as chemical stability, higher resistance to food borne microorganisms. PVC can have excellent clarity and transparency. PVC exhibits remarkable durability and strength even under changing temperatures and conditions. PVC is sterilizable and compatible with edible items. PVC also exhibits remarkable resistance to stress cracking. Moreover, PVC is available at relatively low costs.

[0053] FIG. **2** illustrates a cross-section of the coupling member **105**, in accordance with an embodiment of the present invention. The coupling member **105** includes a first gripping member **202**, a second gripping member **204**, and a neck region **206**. The first gripping member **202** is configured to receive a first panel, for example, the front panel **103**. The second gripping member **204** is configured to receive a second panel, for example, the top panel **108**. The coupling member **105** is configured to flex in the neck region **206**. In that manner, even when the front panel **103**, and the top panel **108** are orthogonal to each other, a coupling between the two panels may still be established, due to the flexion of the neck region **206**.

[0054] FIG. **3** illustrates a coupling of the front panel **103**, the side panel **104** and the top panel **108** using a plurality of the coupling members **105**. As illustrated in FIG. **3**, the front panel **103** and the side panel **104** are orthogonal to each other. Further, the top panel **108** is orthogonal to both the front panel **103** and the side panel **104**. The coupling between the front panel **103** and the side panel **104** is achieved due to flexion of the neck region **206** of the coupling member **105**. Similarly, the coupling between the

top panel **108** and the front panel **103**, and between the top panel **108** and the side panel **104** is again achieved due to flexion of the neck region **206** of the coupling member **105**. In one embodiment of the invention, the coupling members **105** provide sealed coupling between the front panel structure **102**, the two side panels **104** and the top panel **108**. In alternate embodiments, a sealant **310** has been used in between the front panel **103**, the side panel **104**, and the top panel **108** in the areas not covered by the coupling members **105**. The sealant **310** can be selected from a group consisting of water-based latex, acrylic, butyl, silicone, polyisobutylene, and polyurethane-based sealants.

[0055] FIG. **4** illustrates a coupling between the two front panels **103** of the front panel structure **102**. As illustrated in FIG. **4**, the front panels **103** are disposed at an obtuse angle. The coupling between the front panels **103** is achieved due to flexion of the neck region **206** of the coupling member **105**. Here, the flexion of the neck region **206** is to a lesser extent that is under 90 degrees. Therefore, the neck region **206** can flex theoretically in the range of 0 degrees to 180 degrees. The flexion of the neck region **206** would therefore direct the angle between two panels. For example, when the two panels are disposed orthogonal to each other, the flexion of the neck region **206** is 90 degrees. When the two panels are disposed at an obtuse angle, the flexion of the neck region **206** would be between 0 and 90 degrees. When the two panels are disposed at an acute angle, the flexion of the neck region **206** would be between 90 and 180 degrees. In one embodiment of the invention, the coupling member **105** provides a sealed coupling between the two front panels **103**. In several alternate embodiments, the sealant **310** has been used in between the two front panels **103** in the region not covered by the coupling member **105**.

[0056] In use, the user would spread the tablecloth **112** on the table. A working space is created by assembling the front panel structure **102** with the two side panels **104** and the top panel **108** over the tablecloth **112**. The assembly is carried out in a manner that the two side panels **104** are coupled with the two ends of the front panel structure **102** via the first set **106** of the coupling members **105**, and the top panel **108** is mounted over the front panel structure **102** and the two side panels **104** via the second set **110** of the coupling members **105**. In one embodiment of the invention, the front panel structure **102** includes the two front panels **103** disposed at an obtuse angle and coupled using the coupling member **105**. Wherever necessary, where two panels are coupled to each other using coupling members, proper sealant material **310** may be applied between the panels, in areas not covered by the coupling members, to prevent any leakage of fluids from in between the panels. Preferably, though not bindingly, a chopping board **111** would be located on the tablecloth **112** inside the working space and edible items would be placed on the chopping board before being cut with a knife. The working space created by the front panel structure **102**, the two side panels **104**, and the top panel **108** would prevent fluids and germs, from the edible items, from spreading outside of the working space.

[0057] Various modifications to these embodiments are apparent to those skilled in the art, from the description and the accompanying drawings. The principles associated with the various embodiments described herein may be applied to other embodiments. Therefore, the description is not intended to be limited to the embodiments shown along with the accompanying drawings but is to be providing the broadest scope consistent with the principles and the novel and inventive features disclosed or suggested herein. Accordingly, the invention is anticipated to hold on to all other such alternatives, modifications, and variations that fall within the scope of the present invention and appended claims.

1. A cutting station for cutting edible items, the cutting station comprising:

a front panel structure;

two side panels configured to be coupled with two ends of the front panel structure via a first set of coupling members;

a top panel configured to be mounted over the front panel structure and the two side panels via a second set of coupling members; and

wherein in an assembled state, the front panel structure, the two side panels and the top panel define a working space, with the working space being accessible to a user from a rear side.

2. The cutting station as claimed in claim **1**, wherein the front panel structure comprises two front panels disposed at an obtuse angle and coupled using a coupling member.

3. The cutting station as claimed in claim **1**, further comprising a tablecloth configured to be spread on a table, under the front panel structure and the two side panels.

4. The cutting station as claimed in claim **3**, wherein the tablecloth is made up of Polyvinyl Chloride (PVC) material.

5. The cutting station as claimed in claim **1**, wherein the coupling members are made up of Polyvinyl Chloride (PVC) material.

6. A cutting station for cutting edible items, the cutting station comprising:

a front panel structure comprising two front panels disposed at an obtuse angle and coupled using a coupling member;

two side panels configured to be coupled with two ends of the front panel structure via a first set of coupling members;

a top panel configured to be mounted over the front panel structure and the two side panels via a second set of coupling members; and

wherein in an assembled state, the front panel structure, the two side panels and the top panel define a working space, with the working space being accessible to a user from a rear side.

7. The cutting station as claimed in claim **6**, further comprising a tablecloth configured to be spread on a table, under the front panel structure and the two side panels.

8. The cutting station as claimed in claim **7**, wherein the tablecloth is made up of Polyvinyl Chloride (PVC) material.

9. The cutting station as claimed in claim **6**, wherein the two front panels, the two side panels, and the top panel are made up of clear acrylic material.

10. The cutting station as claimed in claim **6**, wherein the coupling members are made up of Polyvinyl Chloride (PVC) material.

11. A cutting station for cutting edible items, the cutting station comprising:

a front panel structure comprising two front portions disposed at an obtuse angle;

two side panels configured to be coupled with two ends of the front panel structure; and

wherein in an assembled state the front panel structure and the two side panels define a working space, with the working space being accessible to a user from a rear side.

12. The cutting station as claimed in claim **11**, further comprising a top panel configured to be mounted over the front panel structure and the two side panels.

13. The cutting station as claimed in claim **11**, further comprising a plurality of sliders configured to be attached sideways onto the two side panels for height adjustment of the two side panels.

14. The cutting station as claimed in claim **11**, further comprising a plurality of sliders telescopically arranged with the two side panels to slide vertically with respect to the two side panels, for height adjustment of the two side panels.

15. The cutting station as claimed in claim **11**, further comprising a chopping board comprising a front portion, two side portions, and a rear portion, wherein the front portion includes two front surfaces inclined at an obtuse angle to align with the front panel structure, and the two side portions include two respective side surfaces to align with the two side panels.

16. The cutting station as claimed in claim **15**, wherein a top surface of the chopping board includes a front slot with two sidearms disposed at an obtuse angle, in the front portion and configured to receive the front panel structure, and two straight slots in the two side portions configured to receive the two side panels, for forming a snap-fit assembly of the chopping board with the front panel structure and the two side panels.

17. The cutting station as claimed in claim **11**, wherein the front panel structure and the two side panels are made up of clear acrylic material.

18. The cutting station as claimed in claim **15**, further comprising a tablecloth configured to be spread on a table, under the chopping board.

19. The cutting station as claimed in claim **18**, wherein the tablecloth is made up of Polyvinyl Chloride material.

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