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(54) **REVERSIBLE CASK LID AND CASK ASSEMBLY SYSTEM**

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(52) **U.S. Cl.**

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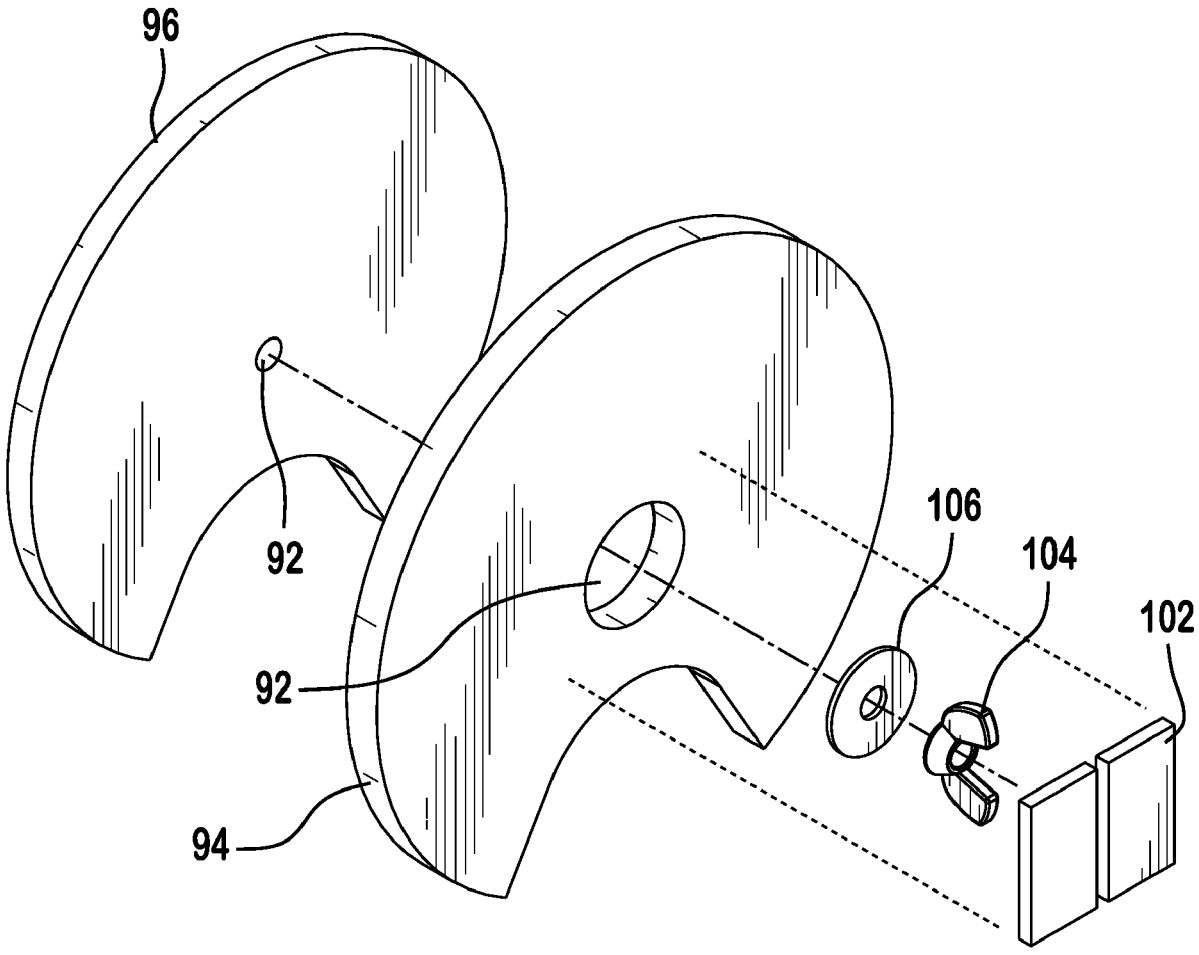
(57) **ABSTRACT**

A cask lid and cask assembly system are provided. The cask lid includes a first cast lid plate and a second cask lid plate to allow for stack-ability of multiple casks. The cask assembly system includes a mount base, a pivot device, and an insertion board to allow for efficient production of multiple casks. A bottom disk, a center ring and a top ring of a cask are inserted into the cask assembly system where a plurality of staves are fixed. A pivot device of the cask assembly system enables the cask to rotate while fixing the staves. The cask lid is placed over the opening of the cask and is reversible to allow for multiple casks to be stacked.



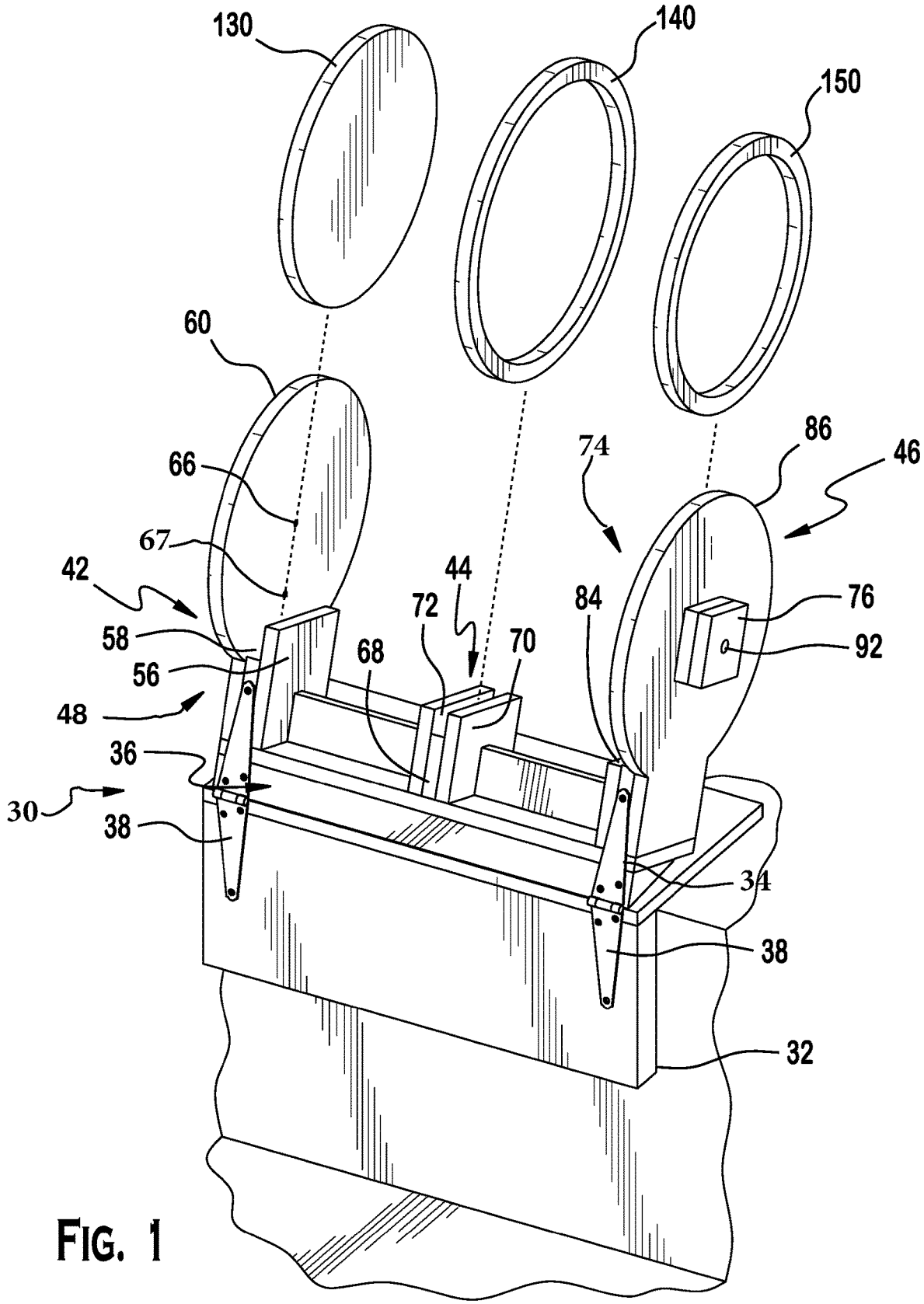

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FIG. 1

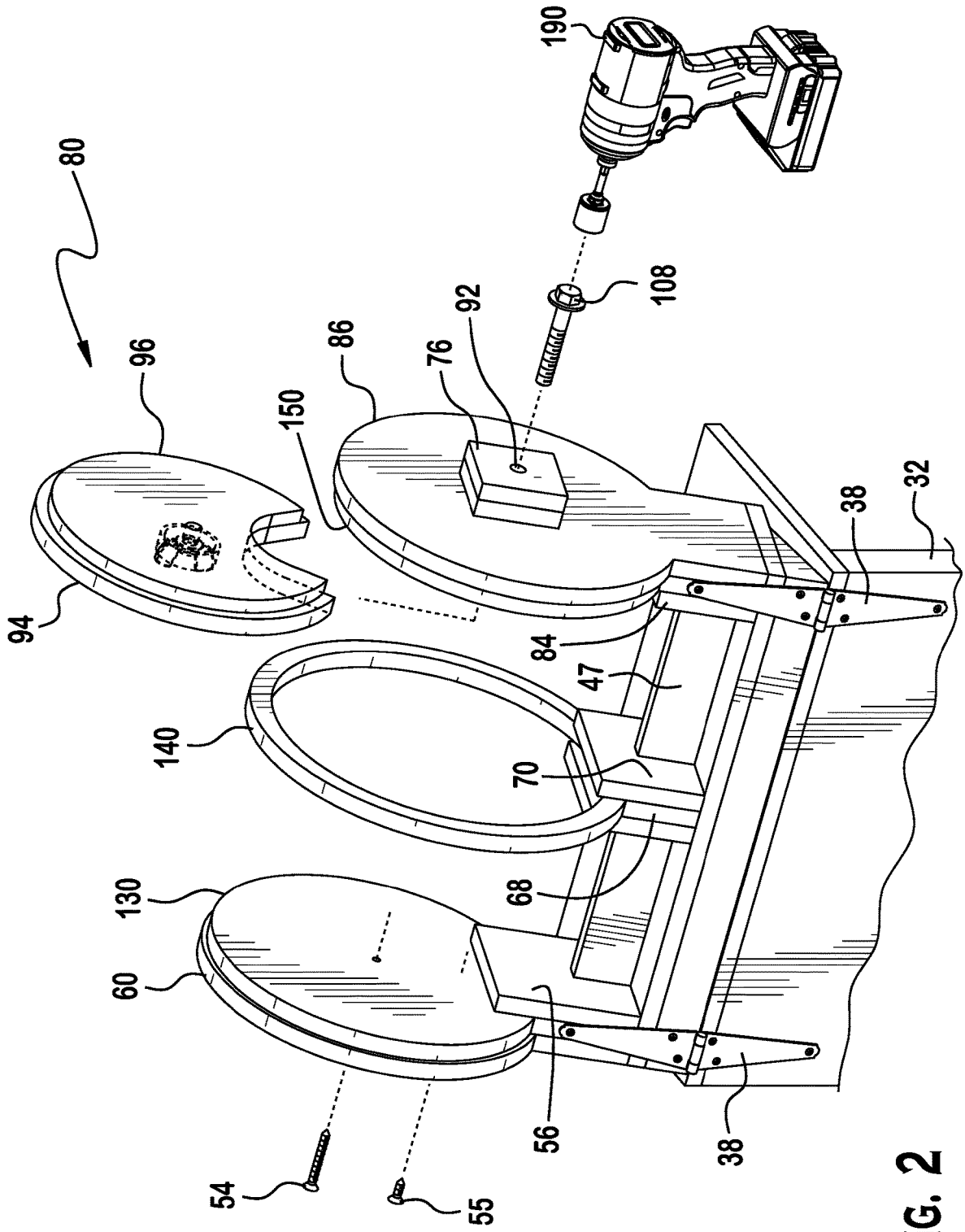


FIG. 2

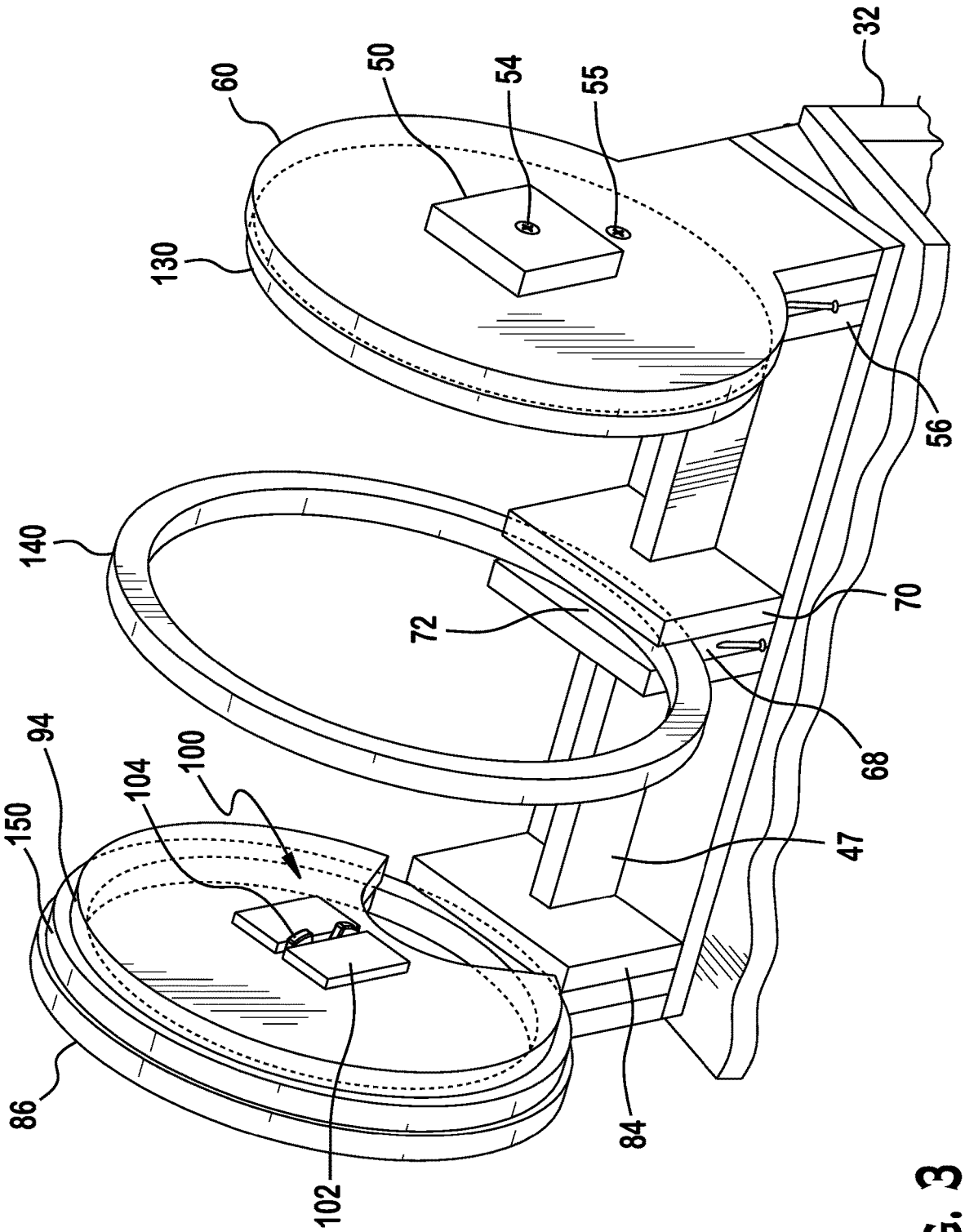


FIG. 3

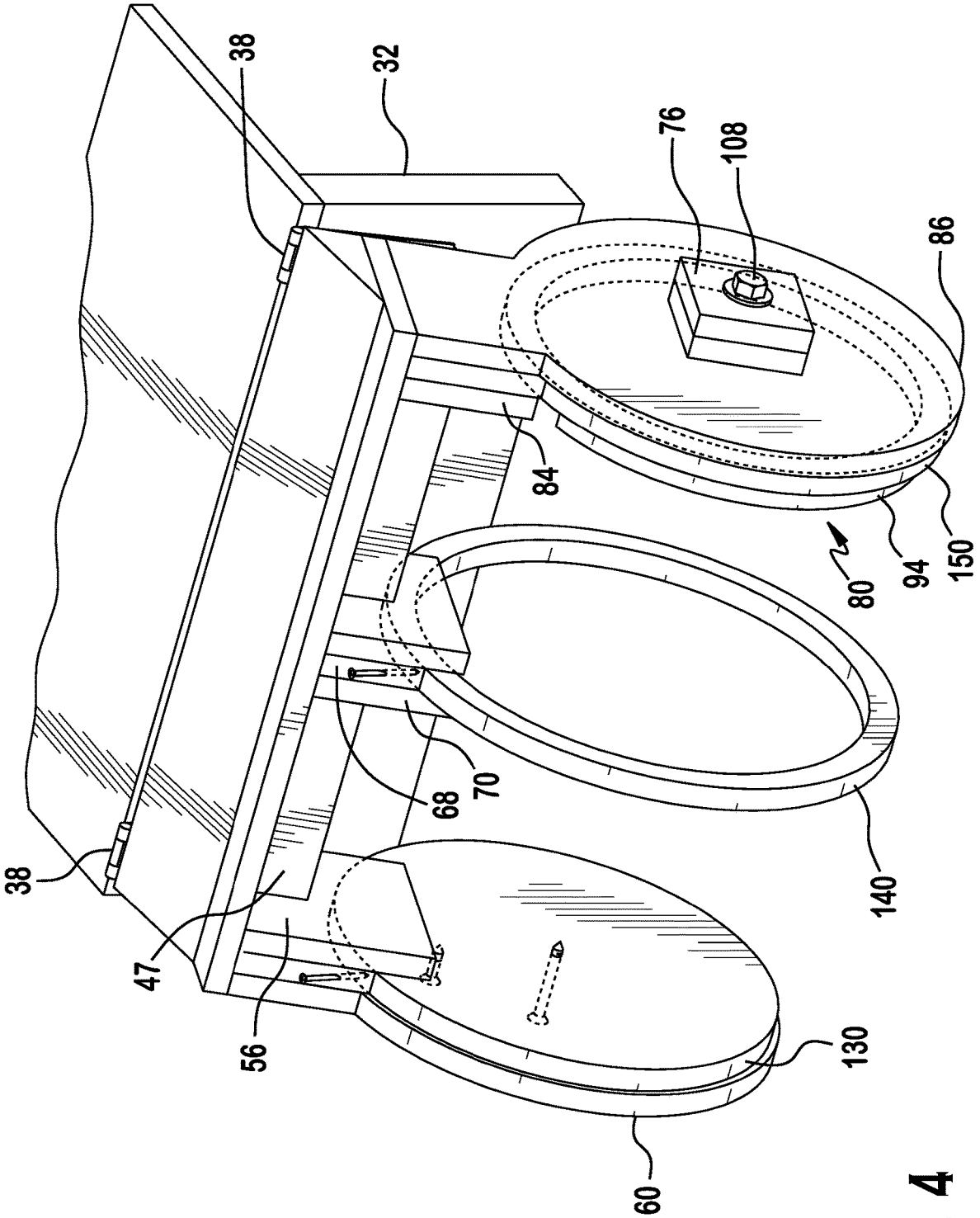


FIG. 4

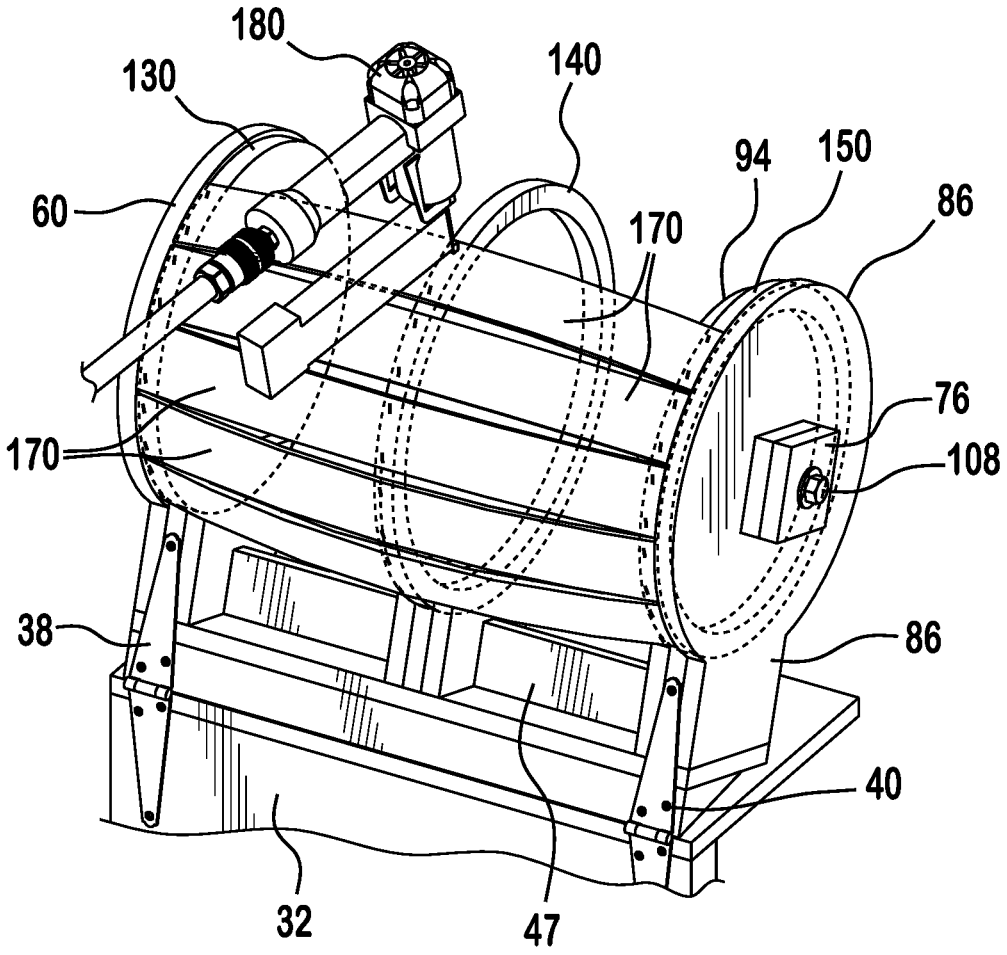
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FIG. 5

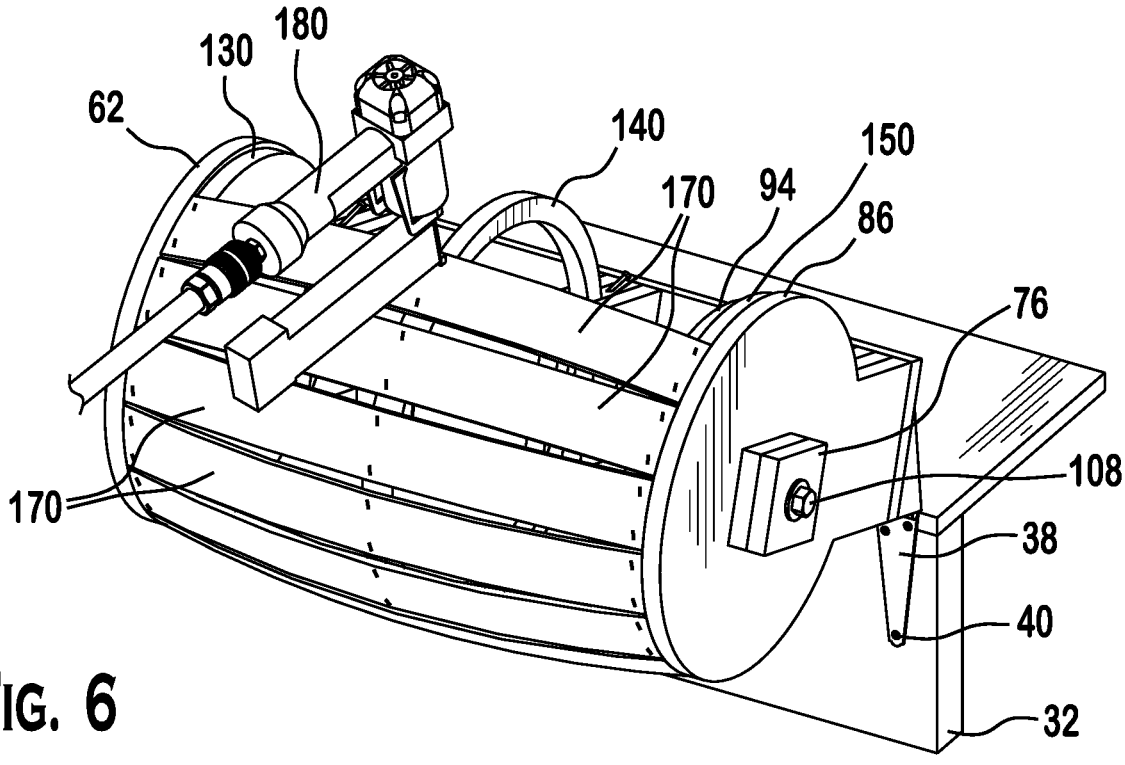
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FIG. 6

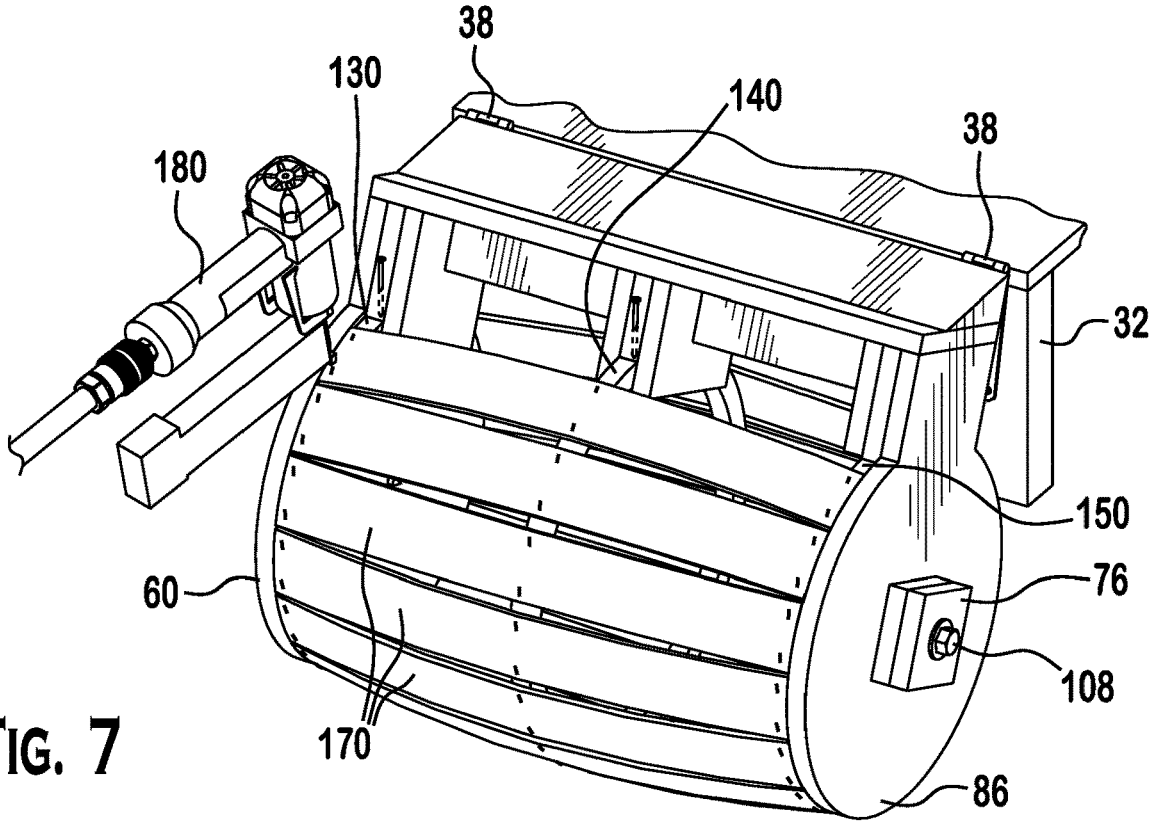
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FIG. 7

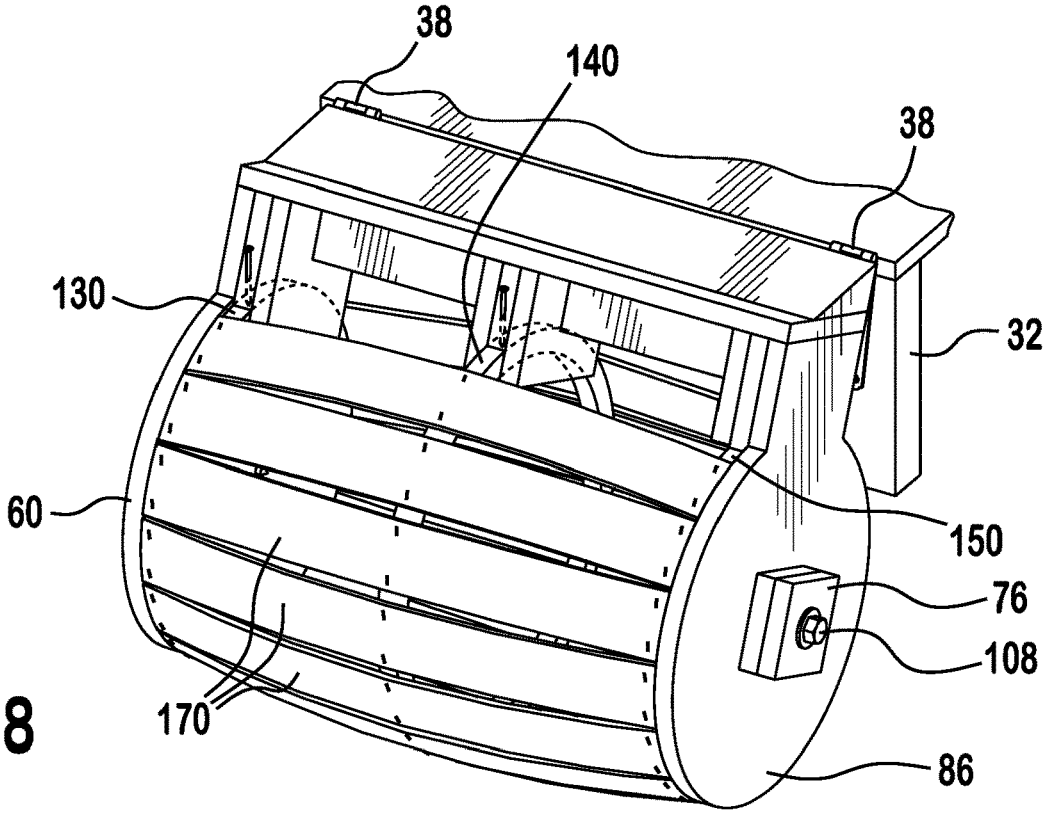
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FIG. 8

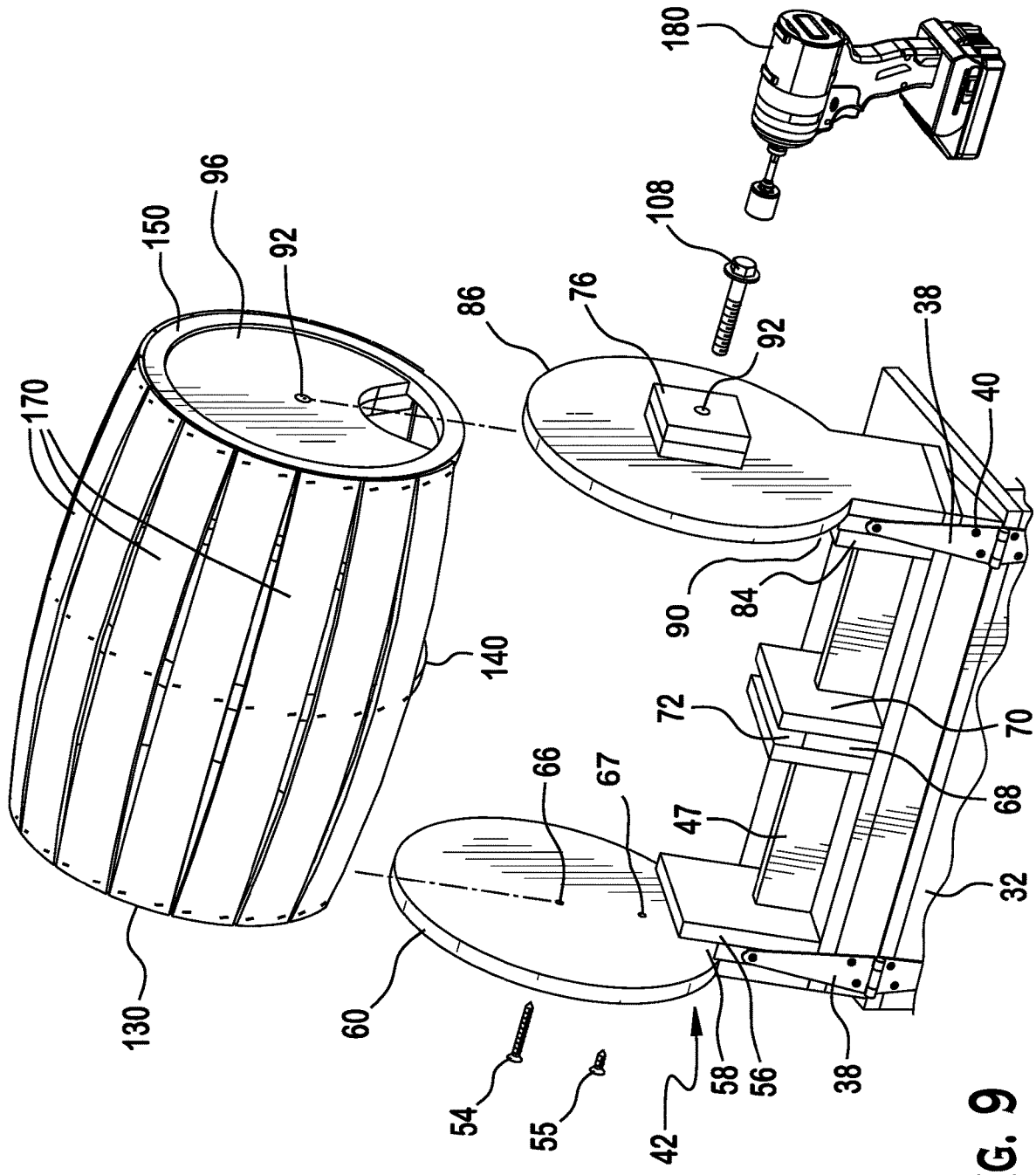
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FIG. 9

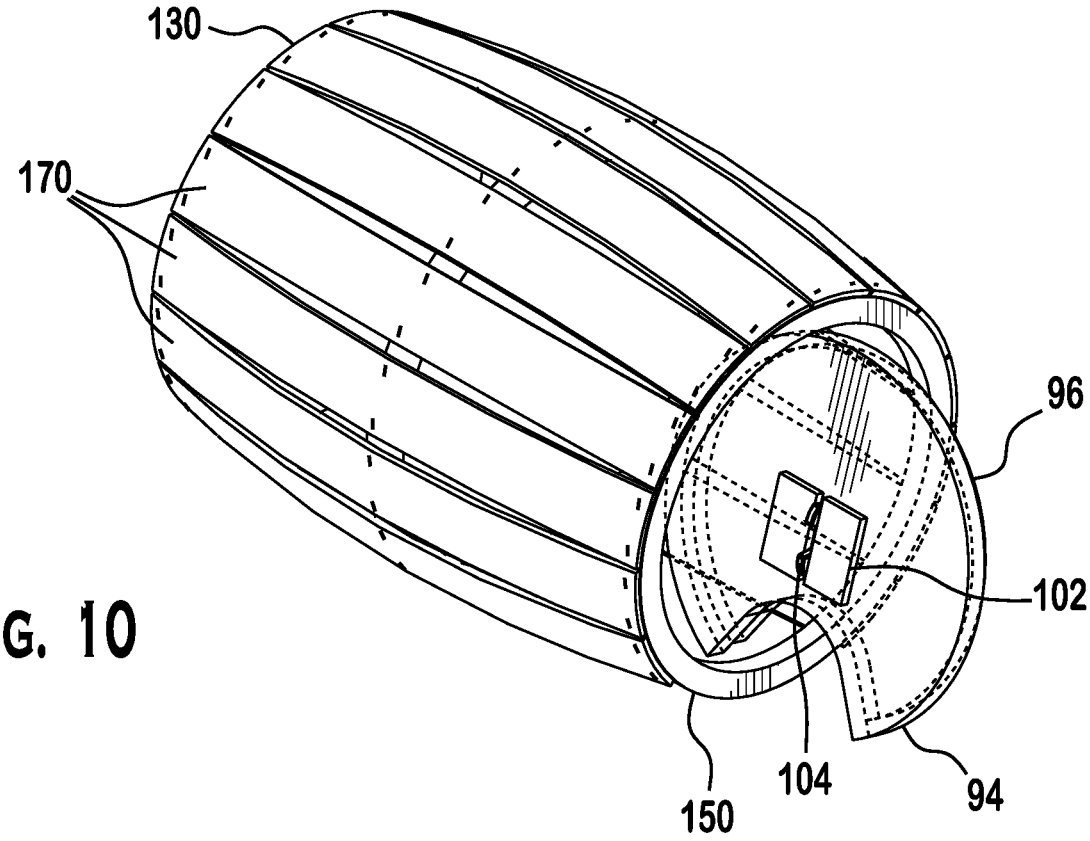


FIG. 10

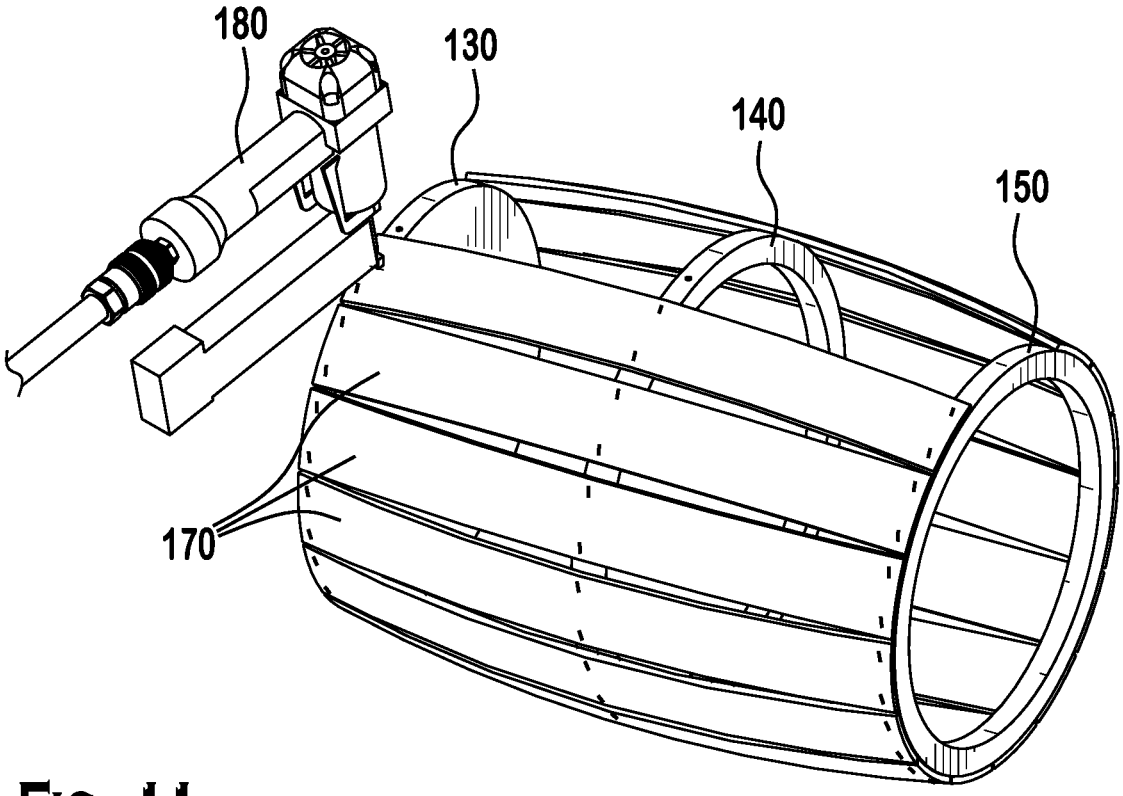


FIG. 11

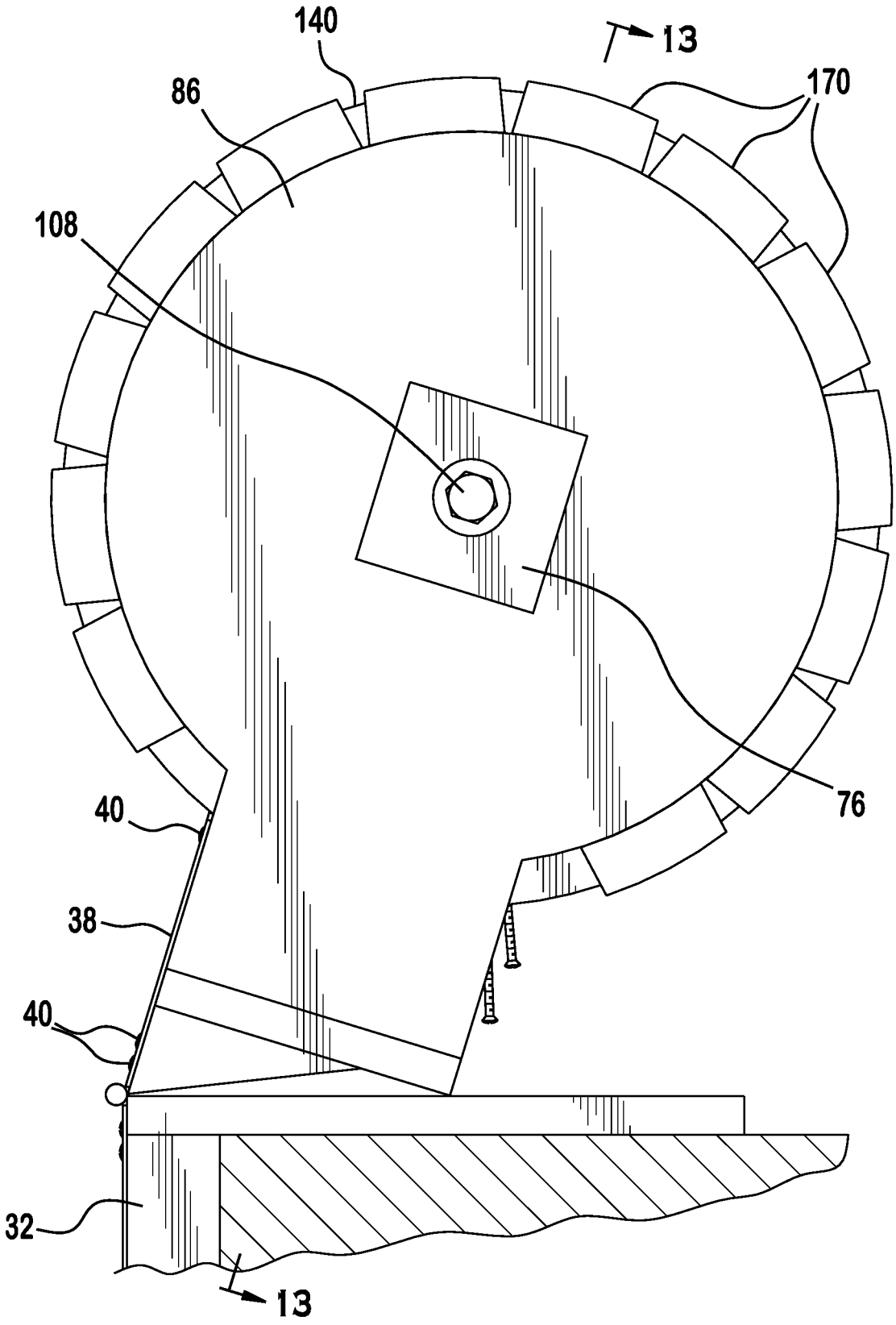


FIG. 12

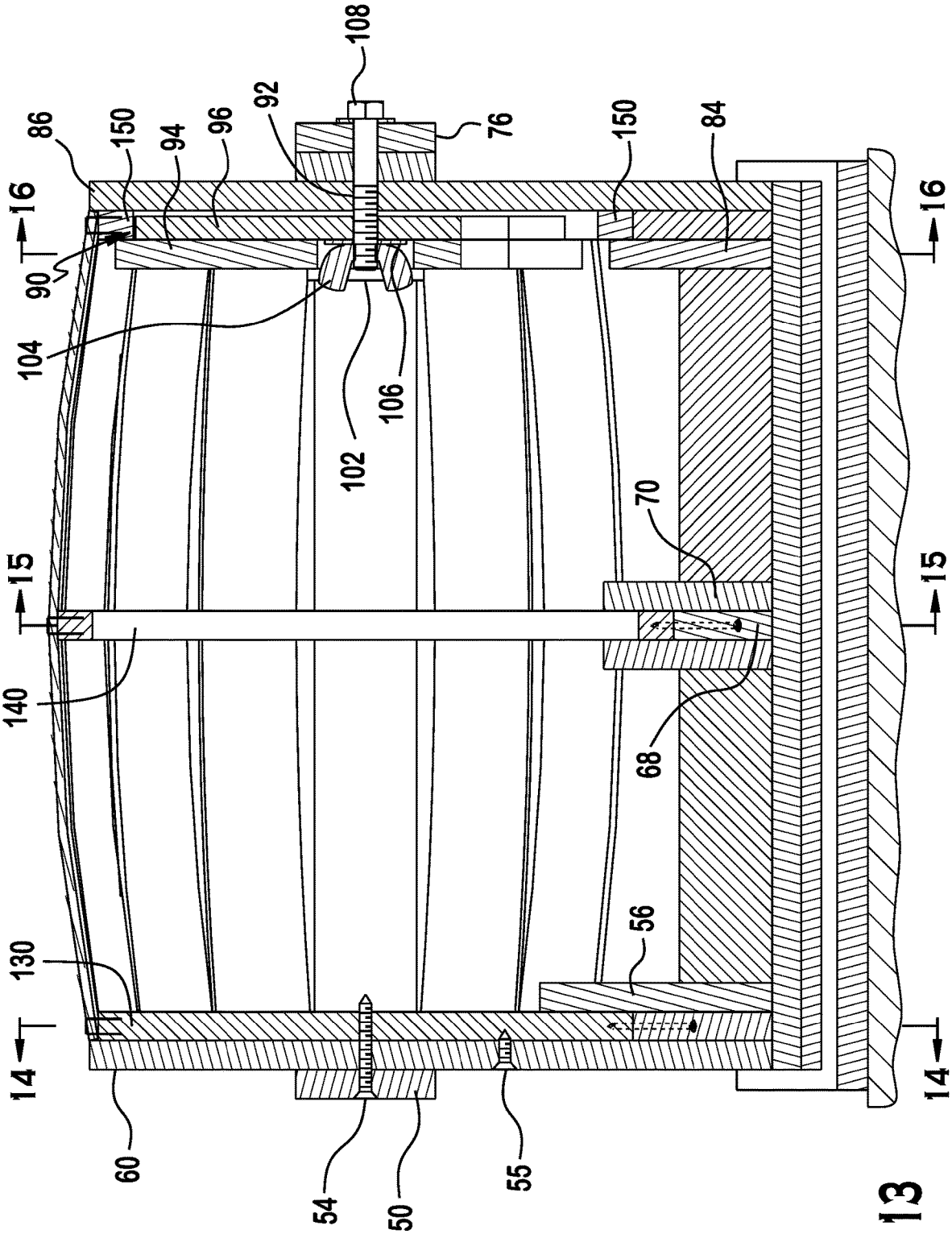
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FIG. 13

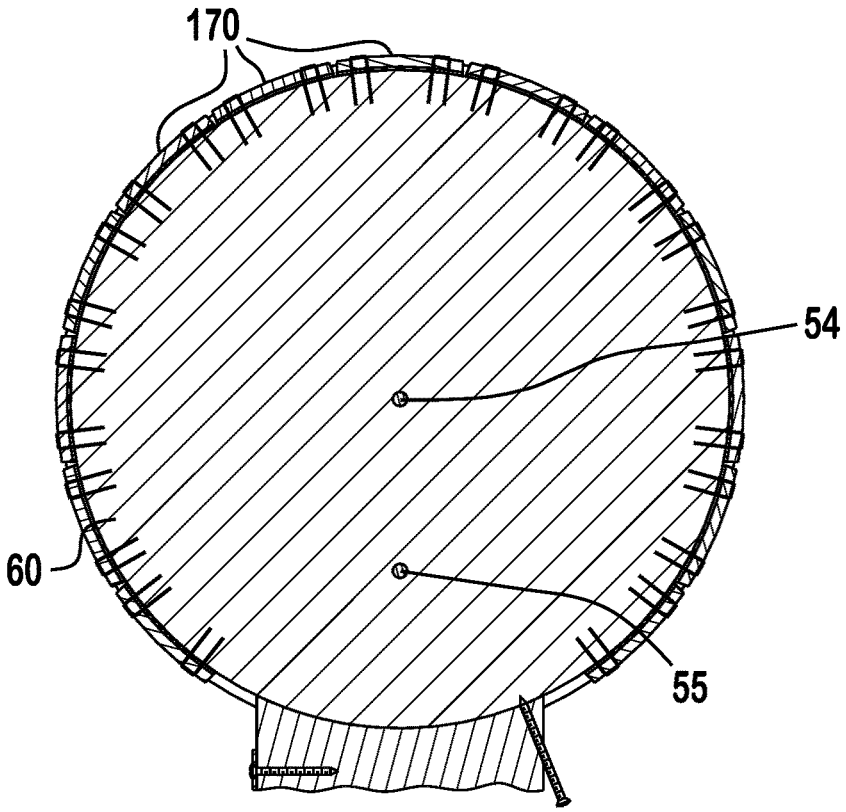


FIG. 14

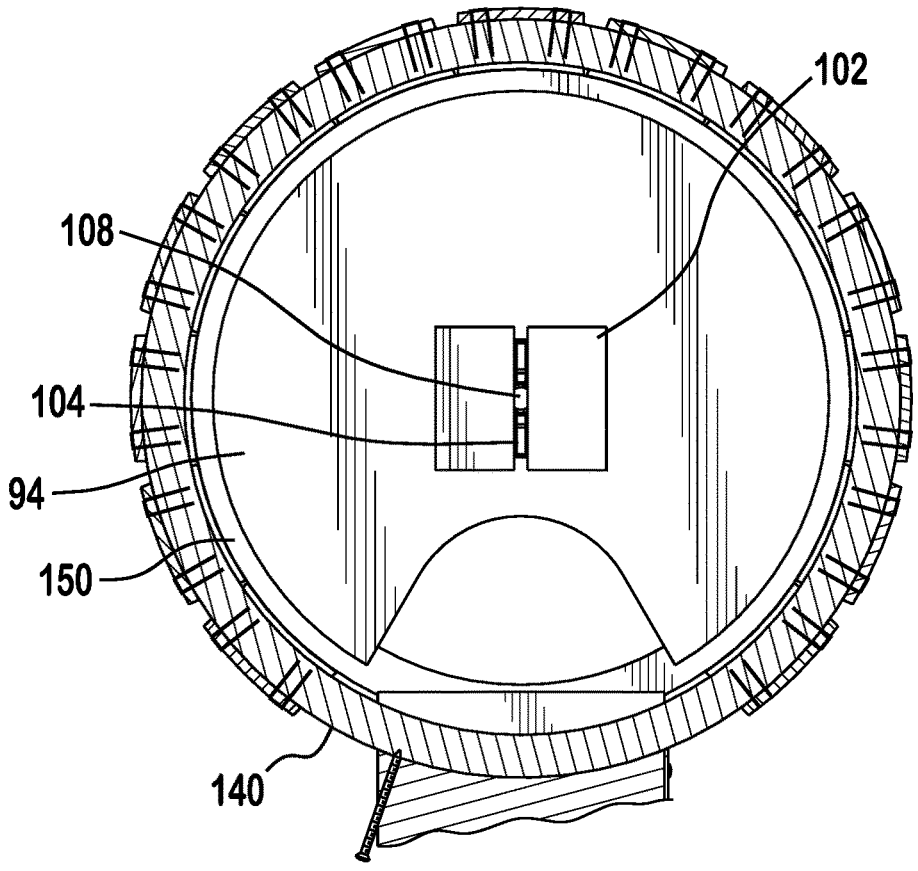


FIG. 15

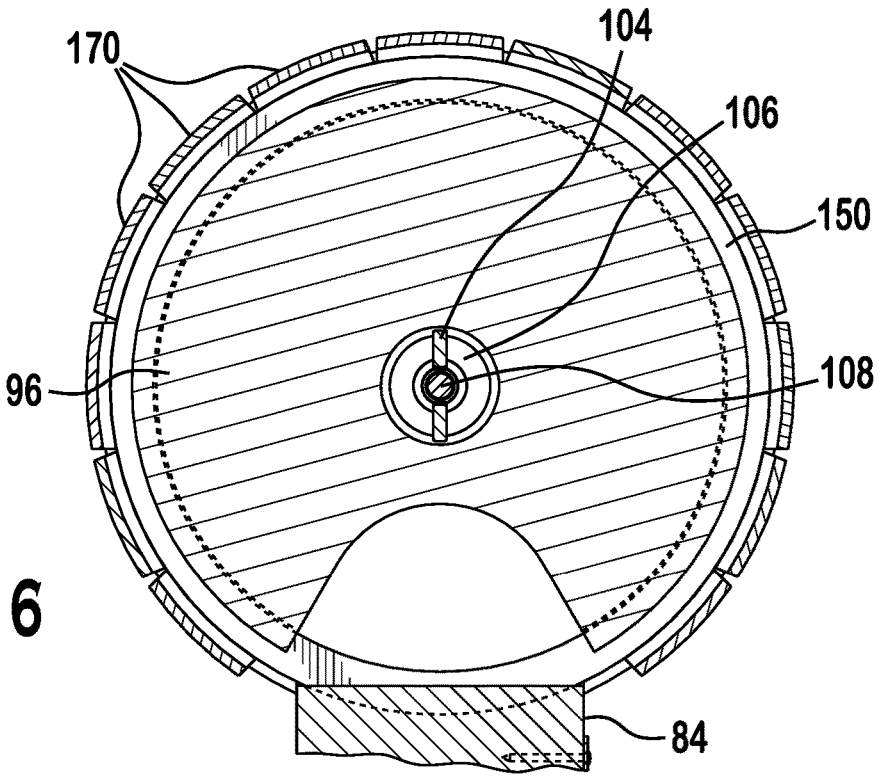


FIG. 16

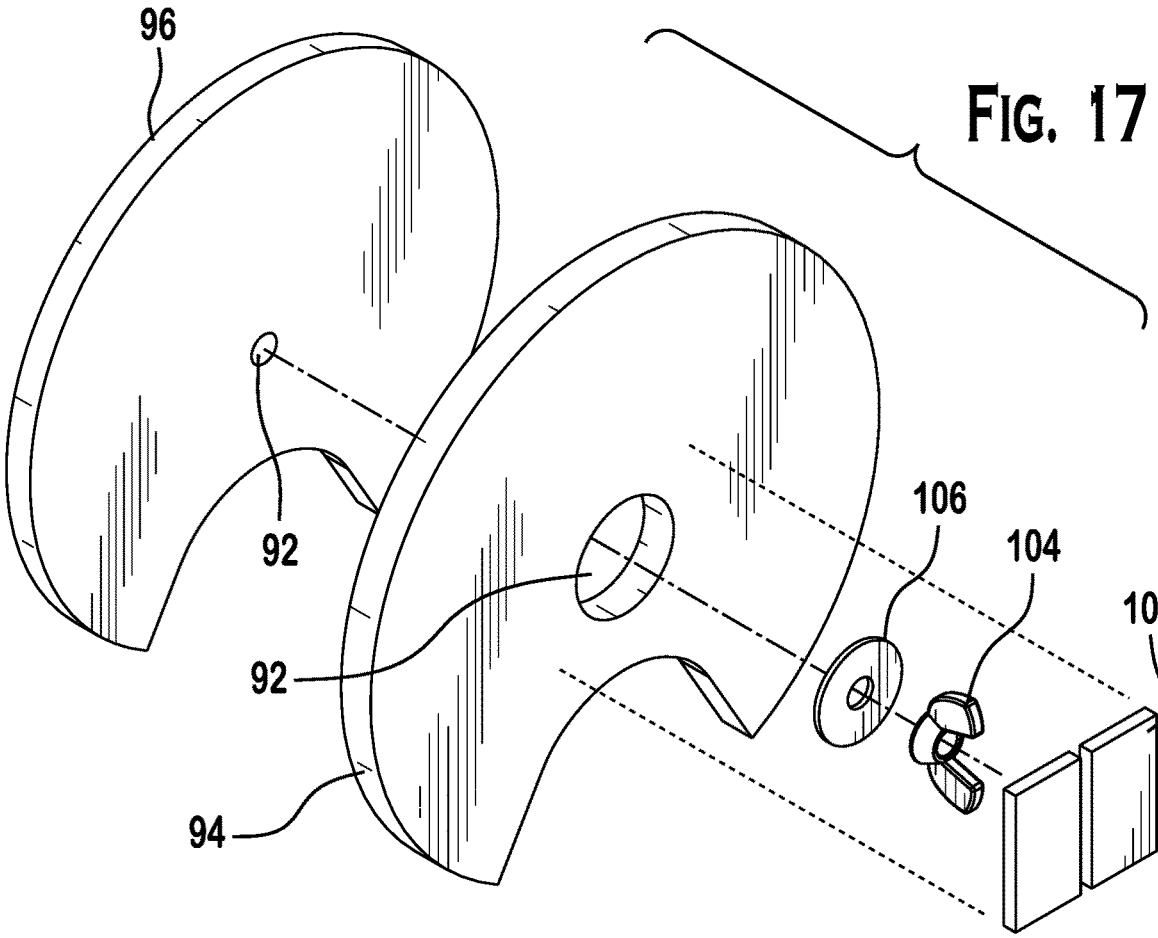


FIG. 17

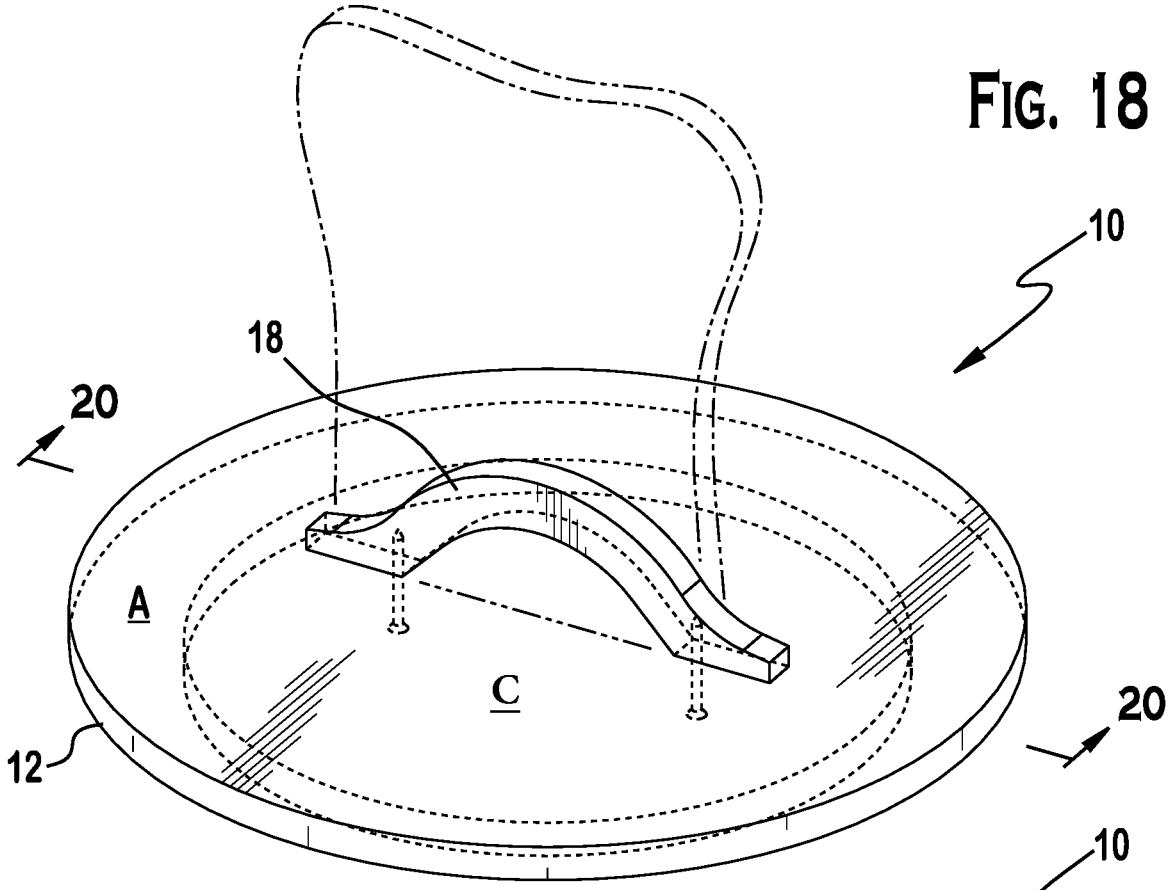


FIG. 18

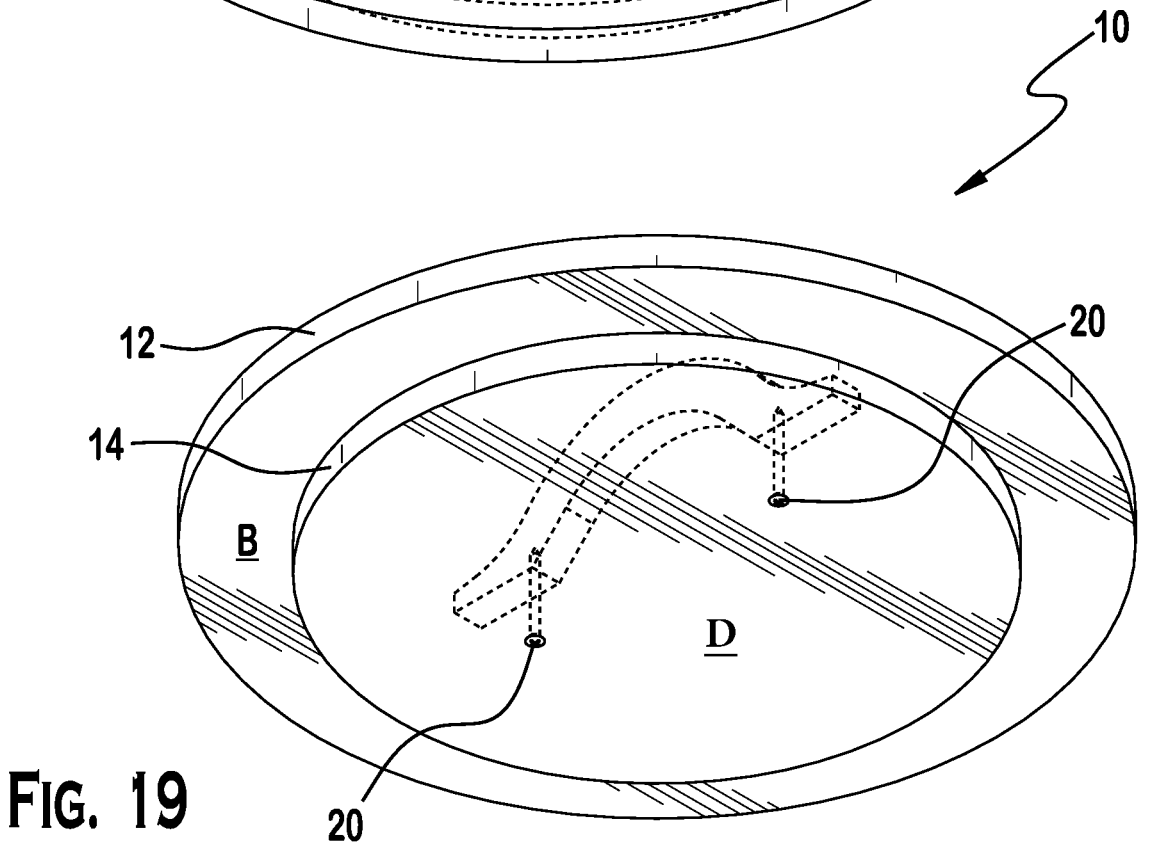


FIG. 19

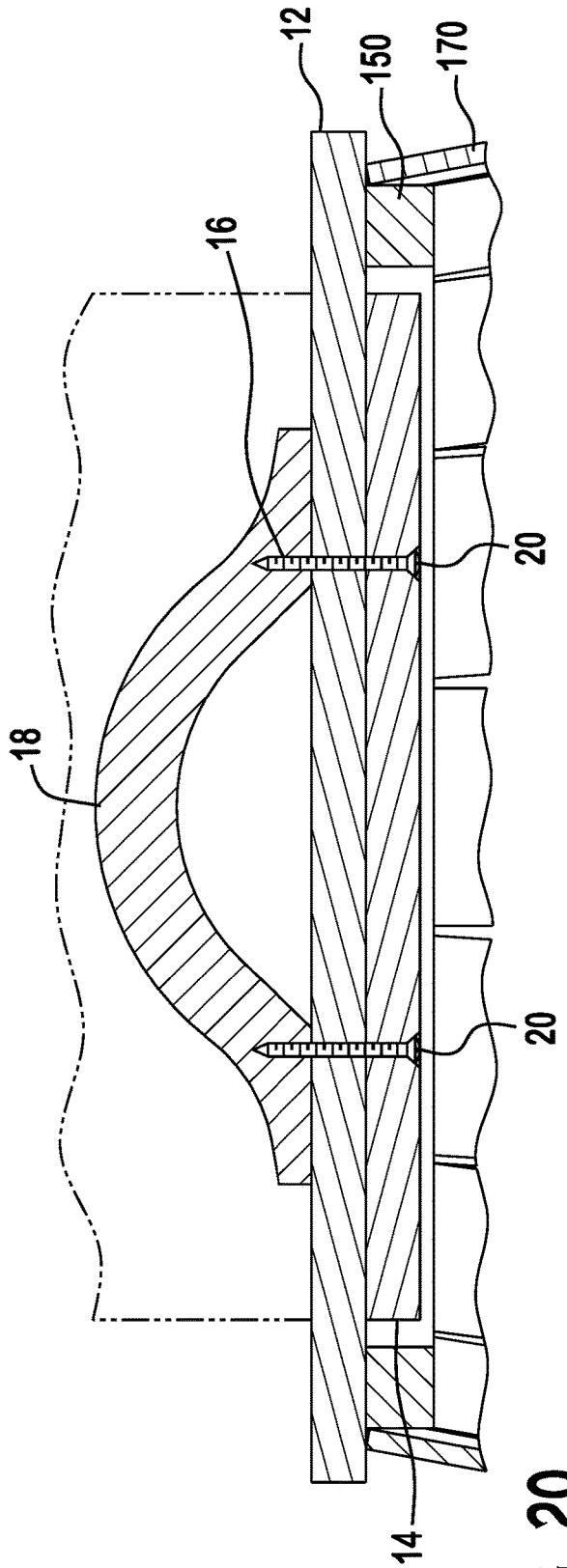


FIG. 20

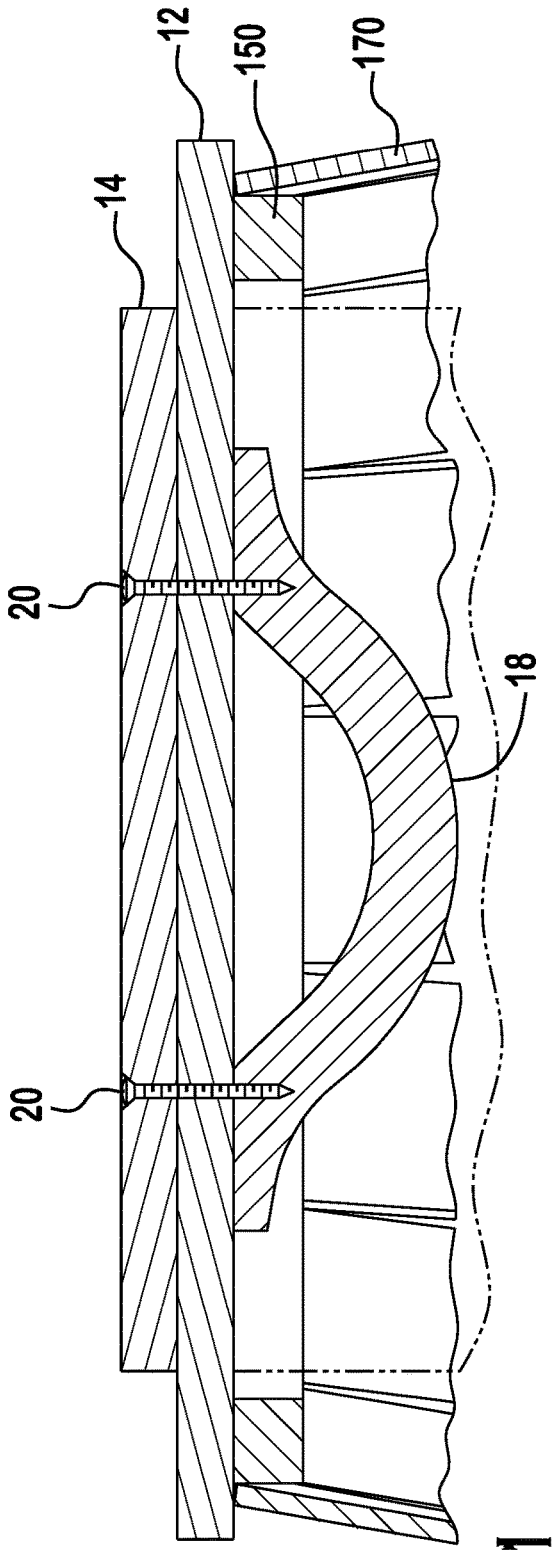


FIG. 21

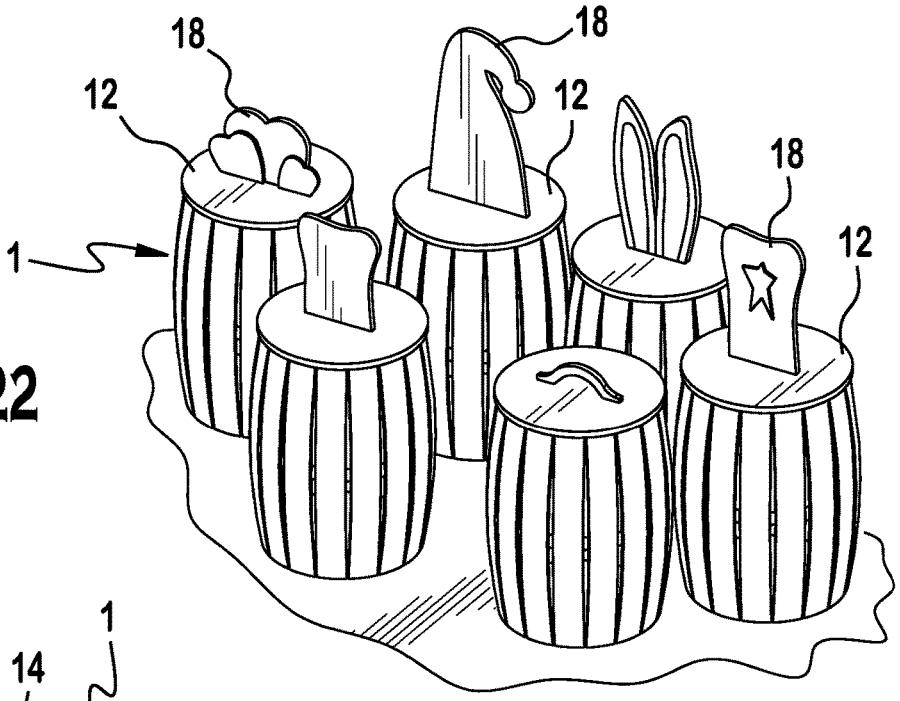


FIG. 22

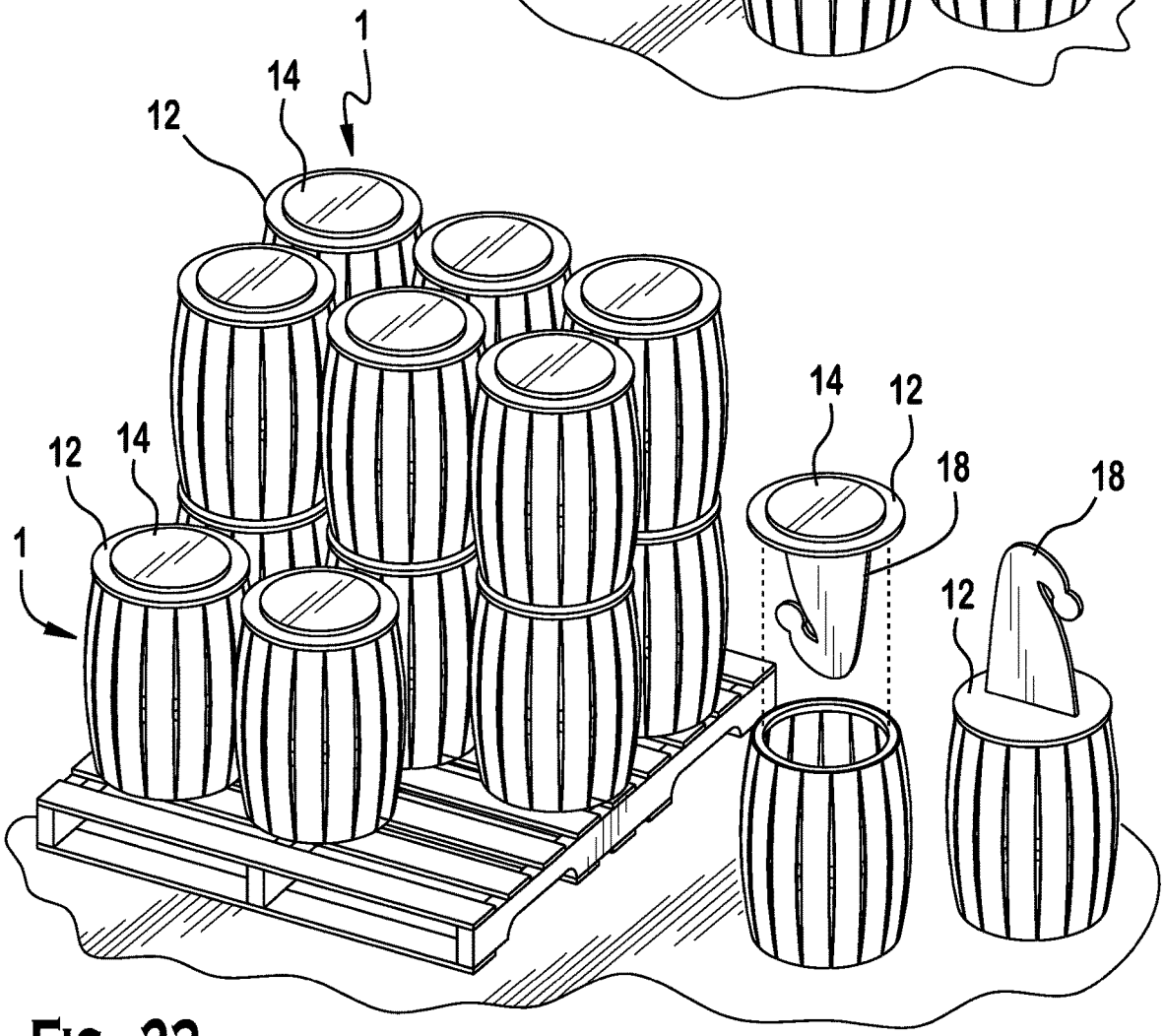


FIG. 23

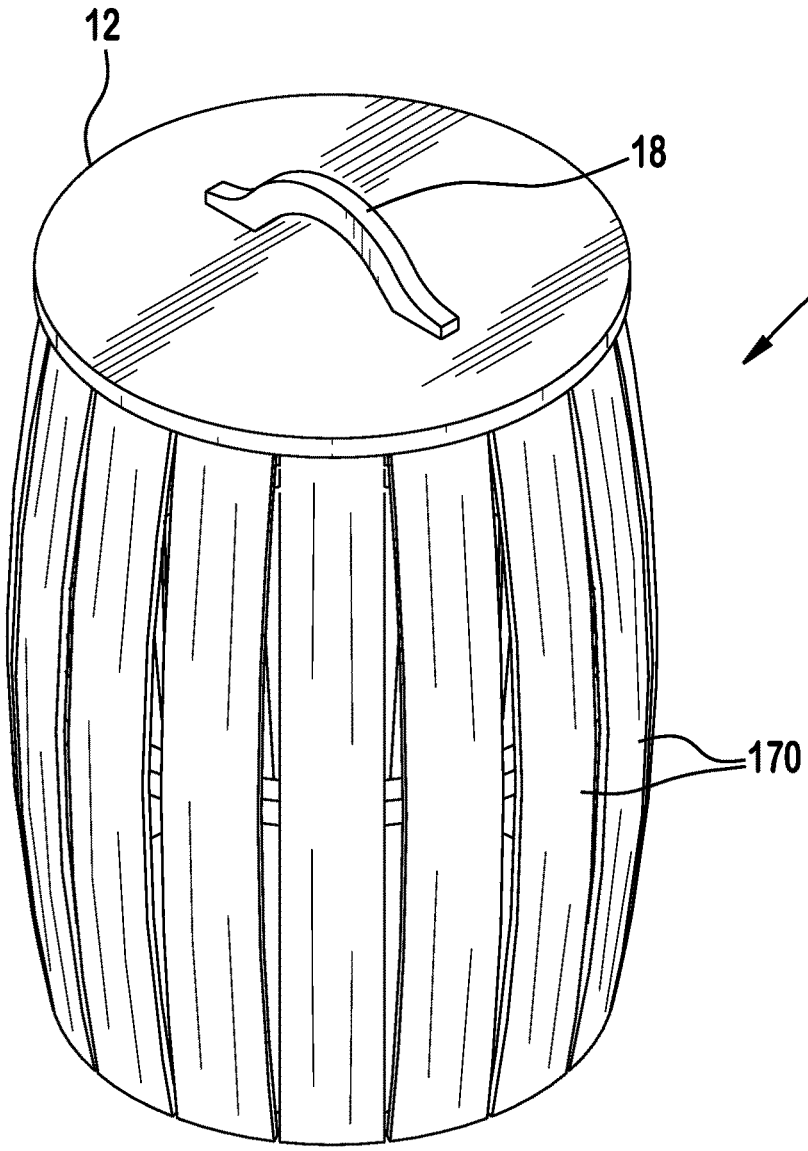


FIG. 24

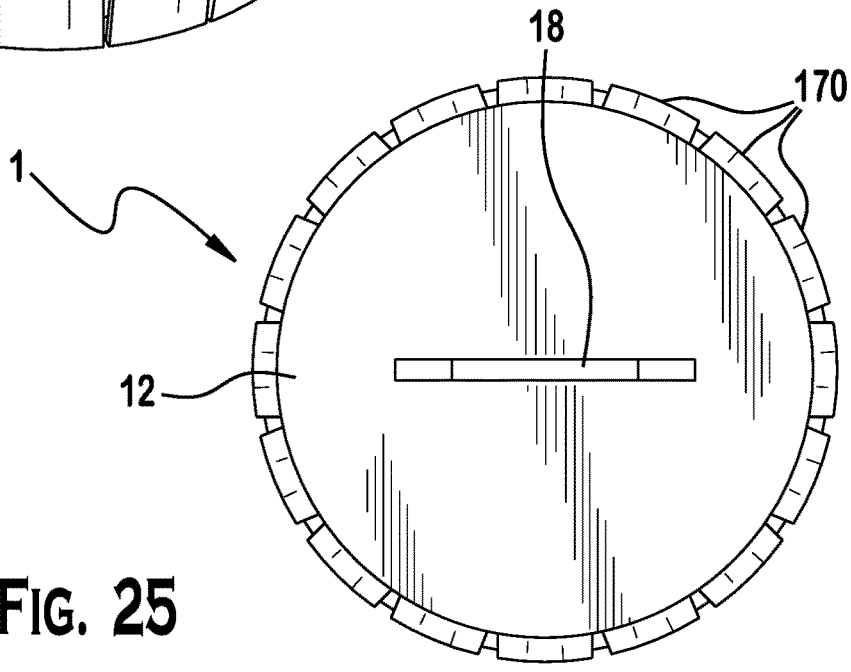


FIG. 25

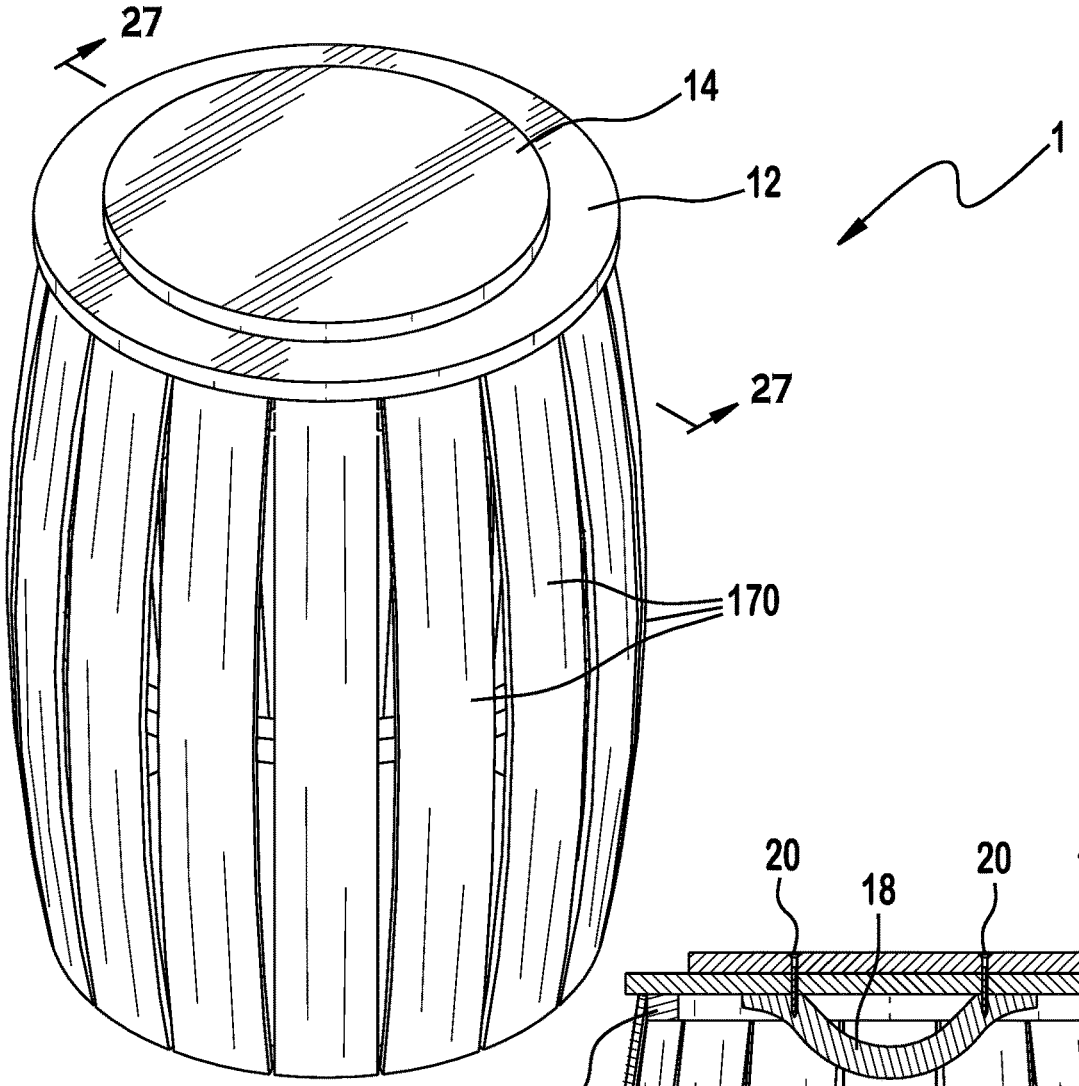


FIG. 26

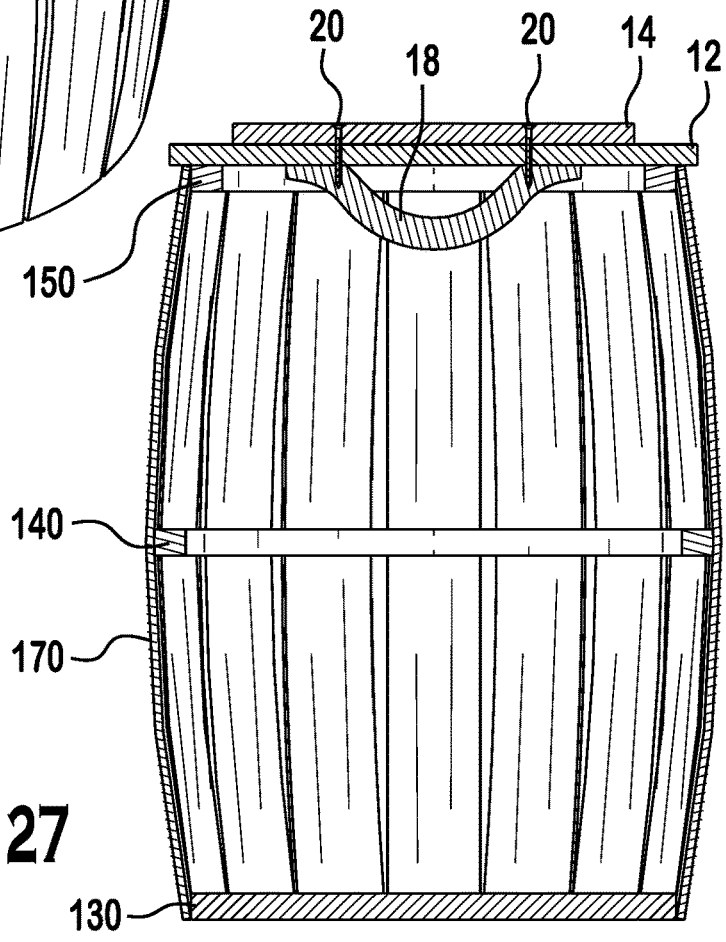


FIG. 27

# REVERSIBLE CASK LID AND CASK ASSEMBLY SYSTEM

## FIELD OF INVENTION

**[0001]** The invention relates to a cask lid apparatus and a cask assembly system and more particularly, to a firmly sealable reversible cask lid and a pivotable cask assembly system.

## BACKGROUND

**[0002]** Over the years, the technology of cask lids has evolved. Reversible cask lids in the industry have grown and variations have arisen. However, the design of the cask lid has required the lid to be sealed whether by a fastener or a cask band. Therefore, there is a need for a cask lid that requires the user minimal effort to reverse the lid and allow for stack-ability of multiple casks. Moreover, the technology of cask assembly systems has evolved. The cask assembly systems of today are mainly composed of large machinery which are bulky and difficult to transport. Therefore, there is a need for a cask assembly system that can be transported easily and require minimal parts.

## SUMMARY

**[0003]** Accordingly, a cask lid and cask assembly system are provided. The reversible cask lid as provided includes a first cast lid plate and a second cask lid plate to allow for stack-ability of multiple casks. The cask assembly system includes a mount base, a pivot device, and an insertion board to allow for efficient production of multiple casks. A bottom disk, a center ring and a top ring of a cask are inserted into the cask assembly system where a plurality of staves are fixed. A pivot device of the cask assembly system enables a user to rotate the cask while fixing the staves to the bottom disk, the center ring and the top ring. The lid is placed over the opening of the cask and the lid may be reversed to enable stacking of multiple casks.

## BRIEF DESCRIPTION OF DRAWINGS

**[0004]** The invention will now be described by way of example with reference to the accompanying Figures of which:

**[0005]** FIG. **1** is a front, top, left exploded view of the cask assembly system;

**[0006]** FIG. **2** is a front, top, left perspective view of the invention of FIG. **1**;

**[0007]** FIG. **3** is an enlarged rear, right perspective view of the invention of FIG. **2**;

**[0008]** FIG. **4** is a front, left alternate view of the invention of FIG. **3**;

**[0009]** FIG. **5** is a front, left perspective view of a cask in the invention of FIG. **4**;

**[0010]** FIG. **6** is a front, top, left alternate view of the cask in the invention of FIG. **5**;

**[0011]** FIG. **7** is a front, top, left perspective view of the cask in the invention of FIG. **6**;

**[0012]** FIG. **8** is a front, left perspective view of the invention of FIG. **7**;

**[0013]** FIG. **9** is a front, left perspective view of the invention of FIG. **8**;

**[0014]** FIG. **10** is a front, top, left perspective view of the cask of FIG. **9**;

**[0015]** FIG. **11** is a rear, bottom, left alternate view of the cask of FIG. **10**;

**[0016]** FIG. **12** is a left-side, perspective view of FIG. **9**;

**[0017]** FIG. **13** is a front, sectional view of FIG. **12**;

**[0018]** FIG. **14** is a right-side perspective view of FIG. **13**;

**[0019]** FIG. **15** is a left-side perspective view of FIG. **14**;

**[0020]** FIG. **16** is a left-side perspective view of FIG. **15**;

**[0021]** FIG. **17** is an exploded view of an inner top base board and an inner fastener receiver block of the invention of FIG. **16**;

**[0022]** FIG. **18** is a top, front, left perspective view of the reversible lid;

**[0023]** FIG. **19** is a bottom, rear, right perspective view of FIG. **18**;

**[0024]** FIG. **20** is a right-side, sectional view of FIG. **19**;

**[0025]** FIG. **21** is a right-side, alternate view of FIG. **20**;

**[0026]** FIG. **22** is a top, left perspective view of a plurality of casks of FIG. **21**;

**[0027]** FIG. **23** is a top, left alternate view of a plurality of casks of FIG. **23**;

**[0028]** FIG. **24** is top, left perspective view of the cask of FIG. **23**;

**[0029]** FIG. **25** is a top perspective view of FIG. **24**;

**[0030]** FIG. **26** is a top, left alternate view of FIG. **25**; and

**[0031]** FIG. **27** is a front sectional view of FIG. **26**.

## DETAILED DESCRIPTION OF THE EMBODIMENT(S)

**[0032]** In an embodiment, the teachings herein described a cask lid **10** and a cask assembly system **30** that allows for the construction of a cask **1**.

**[0033]** In the exemplary embodiment, the lid **10** generally includes the following major components: a first cask lid plate **12** and a second cask lid plate **14**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the first cask lid plate **12** is a circular member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the first cask lid plate **12** may include measurements of 12.5 inches sq.×0.5 inches thick. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the first cask lid plate **12** further includes a first face A and a second face B as shown in FIGS. **18** and **19**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the first cask lid plate **12** further includes a plurality of first cask lid plate fastener receivers **16**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the first cask lid plate **12** further includes a handle **18**. In the exemplary embodiment the handle **18** is a curvature member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0034]** In the exemplary embodiment, the second cask lid plate **14** is a circular member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the second cask lid plate **14** may include measurements of 9.5 inches×0.5 inches thick. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the second cask lid plate **14** further includes a first face C and second face D as

shown in FIGS. **18** and **19**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the first face C of the second cask lid plate **14** is in constant contact with the second face B of the first cask lid plate **12** as shown in FIGS. **18-19**. In the exemplary embodiment, the second cask lid plate **14** further includes a plurality of second cask lid plate fastener receivers **20**.

**[0035]** In the exemplary embodiment, the cask assembly system **30** is generally constructed with the following major components: a mount base **32**, a pivot device **34**, and an insertion board **36** as shown in FIG. **1**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0036]** In the exemplary the mount base **32** is an elongated L-shaped member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the mount base **32** is positioned on a level surface. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0037]** In the exemplary embodiment, the pivot device **34** is a hinge member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the pivot device **34** further includes a set of plate members **38**. In the exemplary embodiment, the set of plate members **38** are triangular-shaped as shown in FIG. **1**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the set of plate members **38** include a plurality of fastener receivers **40** as shown in FIG. **5**. In the exemplary embodiment, the plurality of fastener receivers **40** are threaded. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0038]** In the exemplary embodiment, the insertion board **36** is an elongated rectangular member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the insertion board **36** is generally constructed with the following components: a base insertion piece **42**, a middle hoop insertion piece **44**, an upper hoop insertion piece **46** and a linking member **47**.

**[0039]** In the exemplary embodiment, the base insertion piece **42** generally includes the following components: a base securing block **48**, and a back fastener block **50**.

**[0040]** In the exemplary embodiment, the base securing block **48** includes the following components: a holding member **56**, a base insert **58** and a base board **60** as shown in FIG. **1**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the holding member **56** is an elongated rectangle. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the base insert **58** is a resting area for a bottom disk **130** of a cask **1** as shown in FIGS. **1-2**.

**[0041]** In the exemplary embodiment, the base board **60** is a bulb shaped member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the base board **60** further includes an elongated fastener receiver **66** located in the central region of the base board **60** as shown in FIG. **9**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the base board **60** further includes an outer fastener receiver **67** as shown in FIG. **9**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the base board **60** further includes a back fastener block **50**. The back fastener block **50** is a square member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0042]** In the exemplary embodiment, the back fastener block **50** and the base board **60** share the elongated fastener receiver **66** which runs therethrough. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the base board **60** further includes an elongated fastener **54**. The elongated fastener **54** is a standard fastener. One of ordinary skill in the art would understand the concept of a fastener. In the exemplary embodiment, the base board **60** further includes an outer fastener **55** as shown in FIG. **13**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0043]** In the exemplary embodiment, the middle hoop insertion piece **44** generally includes the following major components a middle insertion base **68** and a set of side members **70** as shown in FIG. **3**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the middle insertion base **68** is an elongated rectangular member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the set of side members **70** are elongated plate like members. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0044]** In the exemplary embodiment, the middle insertion base **68** and the set of side members **70** form a middle insert **72** as shown in FIG. **3**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0045]** In the exemplary embodiment, the upper hoop insertion piece **46**, is generally constructed with the following components: an upper securing block **74**, a top support block **76**, an inner top board **80** and an inner fastener receiver block **100**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0046]** In the exemplary embodiment, the upper securing block **74** is generally constructed with the following components: an upper holding support member **84**, and an outer top board **86** as shown in FIG. **1**. In the exemplary embodiment, the upper holding support member **84** is a plate like member fixed to the insertion board **36** as shown in FIG. **1**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the outer top board **86** is a bulb shaped member. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the upper holding support member **84** and the outer top board **86** form a top insert **90** which is adjacent to the outer top board **86**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0047]** In the exemplary embodiment, the top support block **76** is square block member. One of ordinary skill in the

art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the top support block **76** further includes the top fastener receiver **92**, which is shared with the outer top board **86**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0048]** In the exemplary embodiment, the inner top board **80** is a circular member with curvature cut-out. One of ordinary skill in the art would understand the applicant design is not the exclusive embodiment. In the exemplary embodiment, the inner top board **80** further includes a first layer **94** and a second layer **96** as shown in FIG. **17**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0049]** In the exemplary embodiment, the first layer **94** is plate like member that includes a greater circumference than the second layer **96**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. Similarly, in the exemplary embodiment, the second layer **96** is a plate like member and includes a smaller circumference than the first layer **94**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the inner top board **80** further includes the top fastener receiver **92** which is shared with the top support block **76**, and the outer top board **86**. One of ordinary skill in the art would understand the applicant's deign is not the exclusive embodiment.

**[0050]** In the exemplary embodiment, the inner fastener receiver block **100** is generally constructed with the following components: a dual set of stabilizer blocks **102**, a fastener stabilizer **104**, a washer **106** and a securing top fastener **108**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the dual set of stabilizer blocks **102** are plate like elongated rectangular members located in the central region of the first layer **94**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. Further, the fastener stabilizer **104** is a receiver located between the dual set of stabilizer blocks **102** as shown in FIG. **17**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the washer **106** is a circular member with a passageway as shown in FIG. **17**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the securing fastener top **108** is a standard fastener. One of ordinary skill in the would understand the ordinary workings of the securing top fastener **108** and the applicant's design is not the exclusive embodiment.

**[0051]** In the exemplary embodiment, the linking member **47** is a two-piece elongated rectangular member which connects the base insertion piece **42**, the middle hoop insertion piece **44**, and the upper hoop insertion piece **46**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0052]** In the exemplary embodiment, the cask assembly system **30** is generally constructed with the following major components: a mount base **32**, a pivot device **34**, and an insertion board **36**.

**[0053]** In the exemplary embodiment, the mount base **32** is placed on the edge of a shelf or a level surface as shown through a plurality of the Figures. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the insertion board **36** is fastened to one of the plate members **38** of the pivot device **34** as shown in FIG. **1**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the other plate member **38** is fastened to one of the legs of the mount base **32** as shown in FIG. **2**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0054]** In the exemplary embodiment, the holding member **56** and the base board **60** of the base securing block **48** are attached to the lower region of the insertion board **36**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the middle insertion base **68** and the set of side members **70** of the middle hoop insertion piece **44** are attached to the central region of insertion board **36** as shown in FIG. **1**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the upper holding support member **84**, and the outer top board **86** of the upper securing block **74** are attached to the upper region of the insertion board **36**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0055]** In the exemplary embodiment, a bottom disk **130** of the cask **1** is inserted into the base insert **58** of the base securing block **48**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. The bottom disk **130** of the cask **1** may include a measurement of 11.5 inches sq.×⅝ inches thick. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the elongated fastener **54** is inserted through the elongated fastener receiver **66** of the base board **60** as an incision is made in the bottom disk **130** of the cask **1** as shown in FIG. **13**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment the outer fastener **55** is inserted through the outer fastener receiver **67** of the base board **60** and a second incision is made into the bottom disk **130**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0056]** In the exemplary embodiment, a center ring **140** of the cask **1** is inserted into the middle insert **72** of the middle hoop insertion piece **44**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the center ring **140** may include a measurement of 13.25 inches sq.×⅝ inches thick. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, a top ring **150** of the cask **1** is inserted into the top insert **90** located between the inner top board **80** and outer top board **86** of the upper hoop insertion piece **46**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the top ring **150** may include a measurement of 11.5 inches sq.×⅝ inches thick. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment. In the exemplary embodiment, the inner top board **80** is fitted to a rear of the top ring **150** in which the first layer **96** is flush against the top ring **150**. The top support block **76** is placed

over the top fastener receiver **92**. The top fastener **108** is threaded through the top fastener receiver **92**, the washer **106** and the fastener stabilizer **104** of the inner fastener receiver block **100**. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0057]** As shown in FIGS. **5-8**, a plurality of staves **170** are placed along a length of the cask **1** and are fixed to the bottom disk **130**, the center ring **140** and the top ring **150** of the cask **1** by a trigger tacker **180**. As the user, fixes the staves **170** around the cask **1**, the user may rotate the cask **1** by the pivot device **34**. Prior to the completion of the cask, the user has the ability to use a loosening device **190** to loosen the fastener **108**, the elongated fastener **54** and the outer fastener **55** that is securing the cask **1** to the cask assembly system **30**, and remove the cask **1**.

**[0058]** The user then exerts force onto the inner top board **80** and removes the inner top board **80** by pulling the inner top board **80** through the remaining opening in a central region of the cask **1** where the last few staves **170** will be fixed prior to completion as shown in FIGS. **10** and **11**. The last few staves **170** are then fixed to the cask **1**. The total length of the cask **1** may measure 18 inches. One of ordinary skill in the art would understand the applicant's design is not the exclusive embodiment.

**[0059]** The lid **10** is then placed on an open end of the cask **1**. If there is a handle **18**, or a protruding object on the first cask lid plate **12**, the user is able to flip the lid **10** to the second cask lid plate **14** in order for multiple casks **1** to be stacked on top of each other by placing the bottom disk **130** of the first cask **1** on top of the second cask lid plate **14** of the lid **10** of the second cask as shown in FIGS. **22-27**.

**[0060]** The foregoing illustrates some of the possibilities for practicing the invention. Many other embodiments are possible within the scope and spirit of the invention. It is, therefore, intended that the foregoing description be regarded as illustrative rather than limiting, and that the scope of invention is given by the appended claims together with their full range of equivalents.

What is claimed is:

**1**. A cask comprising:

a body having:

a top ring;

a bottom disk;

a center ring positioned equidistance between the top ring and the bottom disk;

a plurality of staves positioned around an outer edge of the bottom disk, an outer edge of the center ring and an outer edge of the top ring, the plurality of staves positioned apart from each and connecting the top ring, the bottom disk and the center ring; and

a reversible lid with a first cask lid plate with a handle positioned on a top surface thereof and a second cask lid plate positioned on an opposite surface thereof and providing a means for supporting a stacking of a plurality of casks.

**2**. The cask assembly of claim **1**, wherein a length of the cask is 18".

**3**. The cask assembly of claim **2**, wherein the top ring of the cask includes a measurement of 11.25" sq×⅝" thick.

**4**. The cask assembly of claim **3**, wherein the center ring of the cask includes a measurement of 13.25" sq×⅝" thick.

**5**. The cask assembly of claim **4**, wherein the bottom of the cask includes a measurement of 11.25" sq.×⅝" thick.

**6**. The cask assembly of claim **5**, wherein the first cask lid plate includes a measurement of 12.5"×0.5" thick.

**7**. The cask assembly of claim **6**, wherein the second cask lid plate includes a measurement of 9.5"×0.5" thick.

**8**. A cask assembly system for constructing a cask comprising:

a mount base positioned on a top of a level surface and having a first leg and a second leg;

a pivot device fastened to the first leg;

an insertion board placed on top of the second leg fastened to the pivot device for rotation of a cask while in production, the insertion board having:

a base insertion piece mounted at a first end of the insertion board;

an upper hoop insertion piece mounted at a second end of the insertion board; and

a middle hoop insertion piece mounted between the base insertion piece and the upper hoop insertion piece.

**9**. The cask assembly system of claim **8**, wherein the base insertion piece further includes a base securing block, and a back fastener block.

**10**. The cask assembly system of claim **9**, wherein the base securing block further includes a holding member, and a base board.

**11**. The cask assembly system of claim **10**, wherein the middle insertion piece further includes a middle insertion base and a set of side members wherein the components form a middle insert.

**12**. The cask assembly system of claim **11**, wherein the upper hoop insertion piece further includes an upper securing block, a top support block, an inner top base board and an inner fastener receiver block.

**13**. The cask assembly system of claim **12**, wherein the upper securing block further includes an upper holding support member and an outer top board.

**14**. A method for constructing a cask comprising:

a bottom disk of the cask is inserted into a base insert of a base securing block, an elongated fastener is inserted through an elongated fastener receiver of a base board and an incision is made in the bottom disk of the cask;

a center ring of the cask is inserted into a middle insert of a middle hoop insertion piece;

a top ring of the cask is inserted into a top insert located between an inner top board and an outer top board of an upper hoop insertion piece, the inner top board is fitted to a rear of the top ring, a top support block is placed over a top fastener receiver wherein a top fastener is threaded through the top fastener receiver, a washer and a fastener stabilizer of an inner fastener receiver block;

a plurality of staves are placed along a length of the cask and are fixed to the bottom disk, the center ring and the top ring of the cask, the cask is rotatable by a pivot device, a fastener of an upper holding support member and the elongated fastener of the base insertion piece are loosened for removal of the cask, an inner top board is removed through a remaining opening in a central region of the cask; and the remaining opening is covered with at least one of the plurality of staves.

**15**. The method for constructing the cask of claim **14**, wherein a lid is then placed on an open end of the cask.

**16**. The method for constructing the cask of claim **15**, wherein the bottom disk of the cask includes a measurement of 11.5 inches sq.×⅝ inches thick.

**17**. The method for constructing the cask of claim **16**, wherein the center ring of the cask includes a measurement of 13.25 inches sq.×⅝ inches thick.

**18**. The method for constructing the cask of claim **17**, wherein the top ring of the cask includes a measurement of 11.5 inches sq.×⅝ inches thick.

**19**. The method for constructing the cask of claim **18**, wherein the cask includes a length of 18 inches.

**20**. The method for constructing a cask of claim **19**, wherein the lid is reversible for stack-ability of the cask.

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