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(54) **CREATIVE ASSEMBLY MODEL STRUCTURE**
KREATIVE MONTAGEMODELLSTRUKTUR
STRUCTURE DE MODÈLE D'ASSEMBLAGE CRÉATIF

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Description

BACKGROUND OF THE INVENTION

1. Field of the Invention

[0001] The present invention generally relates to a model structure, in particular to a paper-made creative assembly model structure which may be easily assembled.

2. Description of the Related Art

[0002] During all kinds of festivals such as Spring Festival, Mid-Autumn Festival, Christmas or friends' birthdays, it is indispensable to distribute various gifts. In order to hand out creative and DIY gifts, people often look for gifts that can be easily completed and within reasonable price. The most common gifts on the market in this category are paper-made models. Since such gifts have the advantage of being flat and easy to carry, while able to be assembled via simple folding and assembling, such paper-made gifts have become a popular option for gifts. For example, US2104628 provides a toy garage structure which is a combination of a paper board box section comprising a top wall constituting a floor member and downwardly folded side flanges for supporting the floor member at an elevation from a ground surface on which the structure is set up.

[0003] However, the traditional paper-made gifts are usually fixed by setting interlocking slits, which can be assembled by fitting the upper and lower parts together. For those who are less skilled in handicrafts, it may be easy to damage the interlocking slits during assembly, resulting in the structure of the paper-made gifts to be relatively weak after assembly, or simply unable to complete the assembly. In addition, for the paper-made gift with a long structure, the interlocking slits must be longer (or deeper) for the firmness of the finished product, and makes it easier to damage the parts when the slits are fitted with each other, and the disassembly also become relatively inconvenient, resulting in people who are less skilled in handicrafts often lack of interest when receiving paper-made gifts, and unable to enjoy DIY assembly.

[0004] In view of the foregoing, it is necessary to improve the assembly structure of paper-made gifts, so that people who are less skilled in handicraft can easily assemble and enjoy the fun of making gifts by themselves.

SUMMARY OF THE INVENTION

[0005] As such, the inventors aimed to provide a creative assembly model structure to tackle the deficiencies of the known technology based on years of experience in manufacturing, development and designing of related products, so as to promote the implementation and utilization of the industry.

[0006] The present invention provides a creative as-

sembly model structure, which comprises a base and two modeling bodies. Wherein, a top surface of the base includes a plurality of first insertion slots, and each of the two modeling bodies includes two first protruding parts, at least one fitting part, a folding line, a plurality of modeling holes, and a slit extending from a lower side of each of the plurality of modeling holes. Each of the two modeling bodies has a left-right symmetrical shape to facilitate folding in half.

[0007] The two first protruding parts of the modeling body are located at the lower end of the modeling body to be inserted into the plurality of first insertion slots; the folding lines are respectively arranged along the center of the modeling body from an upper end of the modeling body to a lower end of the modeling body, so that the modeling body appears symmetrical after folding left and right; the at least one fitting part of the modeling body is disposed along the folding line; and each of the plurality of modeling holes of the modeling body is located inside the modeling body.

[0008] When assembling the creative assembly model structure, start by folding the two modeling bodies in half along the folding line, so that the at least one fitting part expands to form a fitting protrusion and a fitting notch corresponding to each other; then insert the two first protruding parts respectively provided at the lower ends of the two modeling bodies into the plurality of first insertion slots of the base for fixing; finally the fitting protrusions and the fitting notches that are formed by expanding the two modeling bodies after being folded along the folding lines respectively, are fitted and fastened to each other (i.e. the fitting protrusion of one fitted to the fitting notch of the other) for fixing the modeling bodies to each other along the folding lines thereof, and thus the assembly of the creative assembly model structure is completed.

[0009] The shape of the fitting parts may have different shapes, such as a semicircle, a triangle, a rectangle or a rhombus and the like, but not limited thereto. When the two modeling bodies are folded respectively, the fitting protrusions and the fitting notch having different shapes may be formed.

[0010] The plurality of modeling holes may be configured as openings with different shapes and sizes, and the slit configured below the modeling holes may be used to hang ornaments therein.

[0011] The two modeling bodies may be selected between different shapes according to different occasions. For example, when used as a Christmas paper-made gift, the modeling bodies can be made into the shape of a Christmas tree; or when used as a building model, the modeling bodies can be made into the shape of the Eiffel Tower, but not limited thereto.

[0012] In addition, the top surface of the base of the creative assembly model structure may further include a plurality of second insertion slots to insert a plurality of modeling parts for increased aesthetics. Each of the plurality of modeling parts also includes two second

protruding parts, a folding line, a plurality of modeling holes, and a slit configured below each of the plurality of modeling holes. Each of the modeling parts also has a left-right symmetrical shape to facilitate folding in half.

[0013] The two second protruding parts of the modeling parts are located at the lower end of the modeling parts; the folding lines are respectively arranged along the center of the modeling parts from an upper end to a lower end, so the modeling parts appear symmetrical after folding left and right; and each of the plurality of modeling holes of the modeling parts is located inside the modeling parts.

[0014] When assembling the plurality of modeling parts, start by folding each modeling parts in half along the folding line; then insert the two protruding parts respectively provided at the lower ends of the plurality of modeling parts into the plurality of second insertion slots of the base for fixing, and thus the assembly of the plurality of modeling parts are completed.

[0015] The plurality of modeling parts also may be selected between different shapes according to different occasions. For example, when used as a Christmas paper-made gift, the plurality of modeling parts can be made into the shape of a Christmas tree; or when used as a building model, the plurality of modeling parts can be made into the shape of tourists, but not limited thereto.

[0016] Furthermore, the numbers of the plurality of modeling parts may be determined according to different occasions. For example, when used as a Christmas paper-made gift, the plurality of modeling parts can be used to occupy each and every second insertion slots of the base; or when used as a building model, one may choose to use only one of the modeling parts to be inserted into one of the plurality of second insertion slots of the base.

[0017] According to the creative assembly model structure developed by the inventor of the present invention, after inserting the modeling bodies and the modeling parts into the base, and fitting/fastening the fitting protrusions and the fitting notch of the two modeling bodies to each other, the assembly of may be easily completed. Therefore, the present invention may overcome the problems of conventional paper-made gifts where the parts being easily damaged when the slits are fitted with each other, and the inconvenience during disassembly, so people who are less skilled in handicrafts may also complete the assembly easily, and thus able to enjoy the fun of making gifts by themselves.

[0018] The technical features of the present invention will be described in detail below with specific embodiments in conjunction with the accompanying drawings, so that those with ordinary skill in the art can easily understand the purpose, technical features, and advantages of the present invention.

BRIEF DESCRIPTION OF THE DRAWINGS

[0019] In order to illustrate the technical solutions of the

embodiments of the present invention more clearly, the following briefly introduces the accompanying drawings that need to be used in the description of the embodiments of the present invention. Obviously, the drawings described below only represent some embodiments of the present invention, and for those with ordinary skill in the art to which the present invention belongs, other embodiments can also be obtained according to these drawings.

FIG. 1 is a schematic perspective view of a creative assembly model structure of the present invention; FIG. 2 is an exploded view of a creative assembly model structure of the present invention;

FIG. 3 is a schematic view of a creative assembly model structure of the present invention being folded;

FIG. 4 and FIG. 5 are schematic views of a creative assembly model structure of the present invention being assembled;

FIG. 6 and FIG. 7 are schematic views of another modeling body of a creative assembly model structure of the present invention;

FIG. 8 is a schematic view of a creative assembly model structure of the present invention with the addition of modeling parts;

FIG. 9 is a schematic view of the modeling parts and the corresponding base of a creative assembly model structure of the present invention;

FIG. 10 is a schematic view of the modeling parts of a creative assembly model structure of the present invention being folded;

FIGS. 11~13 are schematic views of a creative assembly model structure and modeling parts of the present invention being assembled; and

FIG. 14 and FIG. 15 are schematic views of another modeling body and modeling parts of a creative assembly model structure of the present invention;

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0020] The technical content of the present invention will become apparent by the detailed description of the following embodiments and the illustration of related drawings. The purpose of the drawings is only for illustration and auxiliary instructions, and may not necessarily be the real proportion and precise configuration of the implementation of the present invention. Therefore, the proportion and relative configuration of the attached drawings should not be interpreted as or limiting the scope of the present invention in actual implementation.

[0021] With reference to FIG. 1 and FIG. 2, wherein FIG. 1 is a schematic perspective view of a creative assembly model structure of the present invention, and FIG. 2 is an exploded view of a creative assembly model structure of the present invention. The creative assembly model structure 1 comprises a base 2 and two modeling

bodies 3. Wherein, a top surface of the base 2 includes a plurality of first insertion slots 4, and each of the two modeling bodies 3 includes two first protruding parts 5, at least one fitting part 6 (one fitting part 6 as shown in the figure for instance), a folding line 9, a plurality of modeling holes 7, and a slit 8 configured below each of the plurality of modeling holes 7. Each of the modeling bodies 3 has a left-right symmetrical shape to facilitate folding in half.

[0022] The two first protruding parts 5 of the modeling body 3 are located at the lower end of the modeling body 3; the folding lines 9 are respectively arranged along the center of the modeling body 3 from an upper end to a lower end, so the modeling body 3 appears symmetrical after folding left and right; the at least one fitting part 6 of the modeling body 3 is disposed along the folding line 9; and each of the plurality of modeling holes 7 of the modeling body 3 is located inside the modeling body 3.

[0023] With reference to FIG. 3, wherein FIG. 3 is a schematic view of a creative assembly model structure of the present invention being folded. After folding the two modeling bodies 3 in half along the folding line 9, the at least one fitting part 6 expands to form a fitting protrusion 10 and a fitting notch 11 corresponding each other. When assembling, the fitting protrusions 10 of one modeling body 3 and the fitting notch 11 of the other modeling body 3 are fitted and fastened to each other for fixing, and vice versa, so the two modeling bodies 3 may be easily fixed to each other.

[0024] With reference to FIG. 4 and FIG. 5, wherein FIG. 4 and FIG. 5 are schematic views of a creative assembly model structure of the present invention being assembled. When assembling the creative assembly model structure 1, start by folding the two modeling bodies 3 in half along the folding line 9, so that the at least one fitting part 6 expands to form a fitting protrusion 10 and a fitting notch 11 corresponding each other; then insert the two first protruding parts 5 respectively provided at the lower ends of the two modeling bodies 3 into the plurality of first insertion slots 4 of the base 2 for fixing; finally the fitting protrusions 10 and the fitting notch 11 that are formed by expanding the two modeling bodies 3 after being folded along the folding lines 9 respectively, are fitted and fastened to each other (i.e. the fitting protrusion 10 of one fitted to the fitting notch 11 of the other) for fixing, and thus the assembly of the creative assembly model structure 1 is completed.

[0025] The shape of the fitting parts 6 may have different shapes, such as a semicircle, a triangle, a rectangle or a rhombus and the like, but not limited thereto. When the two modeling bodies 3 are folded respectively, the fitting protrusions 10 and the fitting notch 11 having different shapes may be formed.

[0026] The plurality of modeling holes 7 on the modeling bodies 3 may be configured as openings with different shapes and sizes, and the slit 8 configured below the modeling holes 7 may be used to hang ornaments therein. The ornaments may be tied to a string, and the string may be fitted into the slit 8 to decorate the creative

assembly model structure 1, or fitting small accessories into the slit 8, such as bracelets, rings or earrings to use the creative assembly model structure 1 as a style storage display stand.

[0027] With reference to FIG. 6 and FIG. 7, wherein FIG. 6 and FIG. 7 are schematic views of another modeling body of a creative assembly model structure of the present invention.

[0028] The two modeling bodies 3 may be selected between different shapes according to different occasions. For example, when used as a Christmas paper-made gift, the modeling bodies 3 can be made into the shape of a Christmas tree; or when used as a building model, the modeling bodies 3 can be made into the shape of the Eiffel Tower (as shown in FIG. 6 and FIG. 7), but not limited thereto.

[0029] Preferably, the two modeling bodies 3 can be provided with at least one or more of the fitting parts 6 according to their corresponding shapes. With reference to FIG. 6, when the two modeling bodies 3 are shaped as the Eiffel Tower, three fitting parts 6 (the fitting parts 6 have been expanded into the fitting protrusion 10 and the fitting notch 11 in the figure) are provided to enhance the structure.

[0030] With reference to FIG. 8 and FIG. 9, wherein FIG. 8 is a schematic view of a creative assembly model structure of the present invention with the addition of modeling parts, and FIG. 9 is a schematic view of the modeling parts and the corresponding base of a creative assembly model structure of the present invention. The top surface of the base 2 of the creative assembly model structure 1 may further include a plurality of second insertion slots 14 to insert a plurality of modeling parts 12 for increased aesthetics. Each of the plurality of modeling parts 12 also includes two second protruding parts 13, a folding line 9, a plurality of modeling holes 7, and a slit 8 configured below each of the plurality of modeling holes 7. Each of the modeling parts 12 also has a left-right symmetrical shape to facilitate folding in half.

[0031] With reference to FIG. 10, wherein FIG. 10 is a schematic view of the modeling parts of a creative assembly model structure of the present invention being folded. The two second protruding parts 13 of the modeling parts 12 are located at the lower end of the modeling parts 12; the folding lines 9 are respectively arranged along the center of the modeling parts 12 from an upper end to a lower end, so the modeling parts 12 appear symmetrical after folding left and right; and each of the plurality of modeling holes 7 of the modeling parts 12 is located inside the modeling parts 12.

[0032] With reference to FIGS. 11~13, wherein FIGS. 11~13 are schematic views of a creative assembly model structure and modeling parts of the present invention being assembled. The method of assembling the modeling bodies 3 are the same as described above. On the other hand, when assembling the plurality of modeling parts 12, start by folding each modeling parts 12 in half along the respective folding line 9; then insert the two

protruding parts 13 respectively provided at the lower ends of the plurality of modeling parts 12 into the plurality of second insertion slots 14 of the base 2 for fixing, and thus the assembly of the plurality of modeling parts 12 are completed.

[0033] With reference to FIG. 14 and FIG. 15, wherein FIG. 14 and FIG. 15 are schematic views of another modeling body and modeling parts of a creative assembly model structure of the present invention. The plurality of modeling parts 12 also may be selected between different shapes according to different occasions. For example, when used as a Christmas paper-made gift, the plurality of modeling parts 12 can be made into the shape of a Christmas tree (as shown in FIG. 8 or FIG. 9); or when used as a building model, the plurality of modeling parts 12 can be made into the shape of tourists (as shown in FIG. 14 or FIG. 15), but not limited thereto.

[0034] Furthermore, the numbers of the plurality of modeling parts 12 may be determined according to different occasions. For example, when used as a Christmas paper-made gift, the plurality of modeling parts 12 can be used to occupy each and every second insertion slots 14 of the base 2; or when used as a building model, one may choose to use only one of the modeling parts 12 to be inserted into one of the plurality of second insertion slots 14 of the base 2.

Claims

1. A creative assembly model structure, comprising:

a base (2), wherein a top surface of the base (2) includes a plurality of first insertion slots (4); and two modeling bodies (3), wherein each of the two modeling bodies (3) includes two first protruding parts (5), at least one fitting part (6), a folding line (9), and a plurality of modeling holes (7), **characterized in that:**

the two first protruding parts (5) of the modeling body (3) are located at a lower end of the modeling body (3) to be inserted into the plurality of first insertion slots (4);

the folding lines (9) of the modeling body (3) are respectively arranged along a center of the modeling body (3) from an upper end of the modeling body (3) to the lower end of the modeling body (3);

the at least one fitting part (6) of the modeling body (3) is disposed along the folding line (9);

each of the plurality of modeling holes (7) of the modeling body (3) has a slit (8) extending from a lower side of the plurality of modeling holes (7); and

each of the plurality of modeling holes (7) of the modeling body (3) is located inside the

modeling body (3),

wherein after the two modeling bodies (3) are respectively folded left and right along the folding line (9), the at least one fitting part (6) of each of the two modeling bodies (3) expands to form a fitting protrusion (10) and a fitting notch (11) corresponding to each other, and the fitting protrusion (10) of one modeling body (3) is fitted to the fitting notch (11) of the other modeling body (3) to fix the two modeling bodies (3) to each other along the folding lines (9) of the two modeling bodies (3).

2. The creative assembly model structure of the previous claim, wherein each of the two modeling bodies (3) has a left-right symmetrical shape.

3. The creative assembly model structure of any of the previous claims, wherein a shape of the at least one fitting part (6) being a semicircle, a triangle, a rectangle or a rhombus, when the two modeling bodies (3) are folded respectively, the at least one fitting part (6) forms the fitting protrusion (10) and the fitting notch (11) corresponding to the shape.

4. The creative assembly model structure of any of the previous claims, wherein the plurality of modeling holes (7) being openings with different shapes and sizes.

5. The creative assembly model structure of any of the previous claims, wherein the top surface of the base (2) further includes a plurality of second insertion slots (14) to insert a plurality of modeling parts (12).

6. The creative assembly model structure of claim 5, wherein each of the plurality of modeling parts (12) includes two second protruding parts (13), a folding line (9), and a plurality of modeling holes (7), wherein

the two second protruding parts (13) of the modeling parts (12) are located at the lower end of the modeling parts (12) to be inserted into the plurality of second insertion slots (14);

the folding line (9) of the modeling parts (12) are respectively arranged along the center of the modeling parts (12) from an upper end to a lower end;

each of the plurality of modeling holes (7) of the modeling parts (12) includes a slit (8) configured below the plurality of modeling holes (7); and each of the plurality of modeling holes (7) of the modeling parts (12) is located inside the modeling parts (12).

7. The creative assembly model structure of claim 6, wherein each of the plurality of modeling parts (12)

has a left-right symmetrical shape.

8. The creative assembly model structure of claims 6-7, wherein the plurality of modeling holes (7) of the plurality of modeling parts (12) being openings with different shapes and sizes.

Patentansprüche

1. Kreative Montagemodellstruktur, die Folgendes umfasst:

eine Basis (2), wobei eine Oberseite der Basis (2) eine Vielzahl von ersten Einsteckschlitz (4) enthält; und
zwei Modellierkörper (3), wobei jeder der beiden Modellierkörper (3) zwei erste hervorstehende Teile (5), mindestens ein Passteil (6), eine Faltlinie (9) und eine Vielzahl von Modellierlöchern (7) enthält, **dadurch gekennzeichnet, dass:**

sich die beiden ersten hervorstehenden Teile (5) des Modellierkörpers (3) an einem unteren Ende des Modellierkörpers (3) befinden, um in die Vielzahl von ersten Einsteckschlitz (4) eingesteckt zu werden; die Faltlinien (9) des Modellierkörpers (3) jeweils entlang einer Mitte des Modellierkörpers (3) von einem oberen Ende des Modellierkörpers (3) zu dem unteren Ende des Modellierkörpers (3) angeordnet sind; das mindestens ein Passteil (6) des Modellierkörpers (3) entlang der Faltlinie (9) angeordnet ist;
jedes der Vielzahl von Modellierlöchern (7) des Modellierkörpers (3) einen Schlitz (8) aufweist, der sich von einer Unterseite der Vielzahl von Modellierlöchern (7) erstreckt; und
sich jedes der Vielzahl von Modellierlöchern (7) des Modellierkörpers (3) innerhalb des Modellierkörpers (3) befindet, wobei sich, nachdem die beiden Modellierkörper (3) jeweils nach links und rechts entlang der Faltlinie (9) gefaltet wurden, das mindestens ein Passteil (6) jedes der beiden Modellierkörper (3) ausdehnt, um einen Passvorsprung (10) und eine Passkerbe (11) zu bilden, die einander entsprechen, und der Passvorsprung (10) eines Modellierkörpers (3) an die Passkerbe (11) des anderen Modellierkörpers (3) angepasst wird, um die zwei Modellierkörper (3) entlang der Faltlinien (9) der beiden Modellierkörper (3) aneinander zu befestigen.

2. Kreative Montagemodellstruktur nach dem vorher-

gehenden Anspruch, wobei jeder der beiden Modellierkörper (3) eine links-rechts-symmetrische Form aufweist.

3. Kreative Montagemodellstruktur nach einem der vorhergehenden Ansprüche, wobei eine Form des mindestens einen Passteils (6) ein Halbkreis, ein Dreieck, ein Rechteck oder eine Raute ist, wenn die beiden Modellierkörper (3) jeweils gefaltet werden, wobei das mindestens ein Passteil (6) den Passvorsprung (10) und die Passkerbe (11) bildet, die der Form entsprechen.

4. Kreative Montagemodellstruktur nach einem der vorhergehenden Ansprüche, wobei die Vielzahl von Modellierlöchern (7) Öffnungen mit unterschiedlichen Formen und Größen sind.

5. Kreative Montagemodellstruktur nach einem der vorhergehenden Ansprüche, wobei die Oberseite der Basis (2) ferner eine Vielzahl von zweiten Einsteckschlitz (14) zum Einstecken einer Vielzahl von Modellerteilen (12) enthält.

6. Kreative Montagemodellstruktur nach Anspruch 5, wobei jedes der Vielzahl von Modellerteilen (12) zwei zweite hervorstehende Teile (13), eine Faltlinie (9) und eine Vielzahl von Modellierlöchern (7) enthält, wobei

sich die beiden zweiten hervorstehenden Teile (13) der Modellerteile (12) an dem unteren Ende der Modellerteile (12) befinden, um in die Vielzahl von zweiten Einsteckschlitz (14) eingesteckt zu werden; die Faltlinien (9) der Modellerteile (12) jeweils entlang der Mitte der Modellerteile (12) von einem oberen Ende zu einem unteren Ende angeordnet sind; jedes der Vielzahl von Modellierlöchern (7) der Modellerteile (12) einen Schlitz (8) enthält, der unter der Vielzahl von Modellierlöchern (7) konfiguriert ist; und
sich jedes der Vielzahl von Modellierlöchern (7) der Modellerteile (12) innerhalb der Modellerteile (12) befindet.

7. Kreative Montagemodellstruktur nach Anspruch 6, wobei jedes der Vielzahl von Modellerteilen (12) eine links-rechts-symmetrische Form aufweist.

8. Kreative Montagemodellstruktur nach den Ansprüchen 6-7, wobei die Vielzahl von Modellierlöchern (7) der Vielzahl von Modellerteilen (12) Öffnungen mit unterschiedlichen Formen und Größen sind.

Revendications

1. Structure de modèle d'assemblage créatif, comprenant :

une base (2), où une surface supérieure de la base (2) inclut une pluralité de premières fentes d'insertion (4) ; et

deux corps de modélisation (3), où chacun des deux corps de modélisation (3) inclut deux premières parties saillantes (5), au moins une partie d'ajustement (6), une ligne de pliage (9), et une pluralité de trous de modélisation (7), **caractérisés en ce que** :

les deux premières parties saillantes (5) du corps de modélisation (3) sont situées à une extrémité inférieure du corps de modélisation (3) pour être insérées dans la pluralité de premières fentes d'insertion (4) ;

les lignes de pliage (9) du corps de modélisation (3) sont respectivement disposées le long d'un centre du corps de modélisation (3) d'une extrémité supérieure du corps de modélisation (3) à l'extrémité inférieure du corps de modélisation (3) ;

l'au moins une partie d'ajustement (6) du corps de modélisation (3) est disposée le long de la ligne de pliage (9) ;

chacun de la pluralité de trous de modélisation (7) du corps de modélisation (3) a une fente (8) s'étendant d'un côté inférieur de la pluralité de trous de modélisation (7) ; et chacun de la pluralité de trous de modélisation (7) du corps de modélisation (3) est situé à l'intérieur du corps de modélisation (3),

où, après que les deux corps de modélisation (3) sont respectivement pliés à gauche et à droite le long de la ligne de pliage (9), l'au moins une partie d'ajustement (6) de chacun des deux corps de modélisation (3) s'étend pour former une saillie d'ajustement (10) et une encoche d'ajustement (11) correspondant l'une à l'autre, et la saillie d'ajustement (10) d'un corps de modélisation (3) s'adapte à l'encoche d'ajustement (11) de l'autre corps de modélisation (3) pour fixer les deux corps de modélisation (3) l'un à l'autre le long des lignes de pliage (9) des deux corps de modélisation (3).

2. Structure de modèle d'assemblage créatif selon la revendication précédente, où chacun des deux corps de modélisation (3) a une forme symétrique gauche-droite.

3. Structure de modèle d'assemblage créatif selon

l'une quelconque des revendications précédentes, où une forme de l'au moins une partie d'ajustement (6) est un demi-cercle, un triangle, un rectangle ou un losange, lorsque les deux corps de modélisation (3) sont pliés respectivement, l'au moins une partie d'ajustement (6) forme la saillie d'ajustement (10) et l'encoche d'ajustement (11) correspondant à la forme.

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4. Structure de modèle d'assemblage créatif selon l'une quelconque des revendications précédentes, où la pluralité de trous de modélisation (7) sont des ouvertures de formes et de tailles différentes.

5. Structure de modèle d'assemblage créatif selon l'une quelconque des revendications précédentes, où la surface supérieure de la base (2) inclut en outre une pluralité de deuxièmes fentes d'insertion (14) pour insérer une pluralité de parties de modélisation (12).

6. Structure de modèle d'assemblage créatif selon la revendication 5, où chacune de la pluralité de parties de modélisation (12) inclut deux deuxièmes parties saillantes (13), une ligne de pliage (9), et une pluralité de trous de modélisation (7), où

les deux deuxièmes parties saillantes (13) des parties de modélisation (12) sont situées à l'extrémité inférieure des parties de modélisation (12) pour être insérées dans la pluralité des deuxièmes fentes d'insertion (14) ;

les lignes de pliage (9) des parties de modélisation (12) sont respectivement disposées le long du centre des parties de modélisation (12) d'une extrémité supérieure à une extrémité inférieure ; chacun de la pluralité de trous de modélisation (7) des parties de modélisation (12) inclut une fente (8) configurée sous la pluralité de trous de modélisation (7) ; et

chacun de la pluralité de trous de modélisation (7) des parties de modélisation (12) est situé à l'intérieur des parties de modélisation (12).

7. Structure de modèle d'assemblage créatif selon la revendication 6, où chacune de la pluralité de parties de modélisation (12) a une forme symétrique gauche-droite.

8. Structure de modèle d'assemblage créatif selon les revendications 6 à 7, où la pluralité de trous de modélisation (7) de la pluralité de parties de modélisation (12) sont des ouvertures de formes et de tailles différentes.

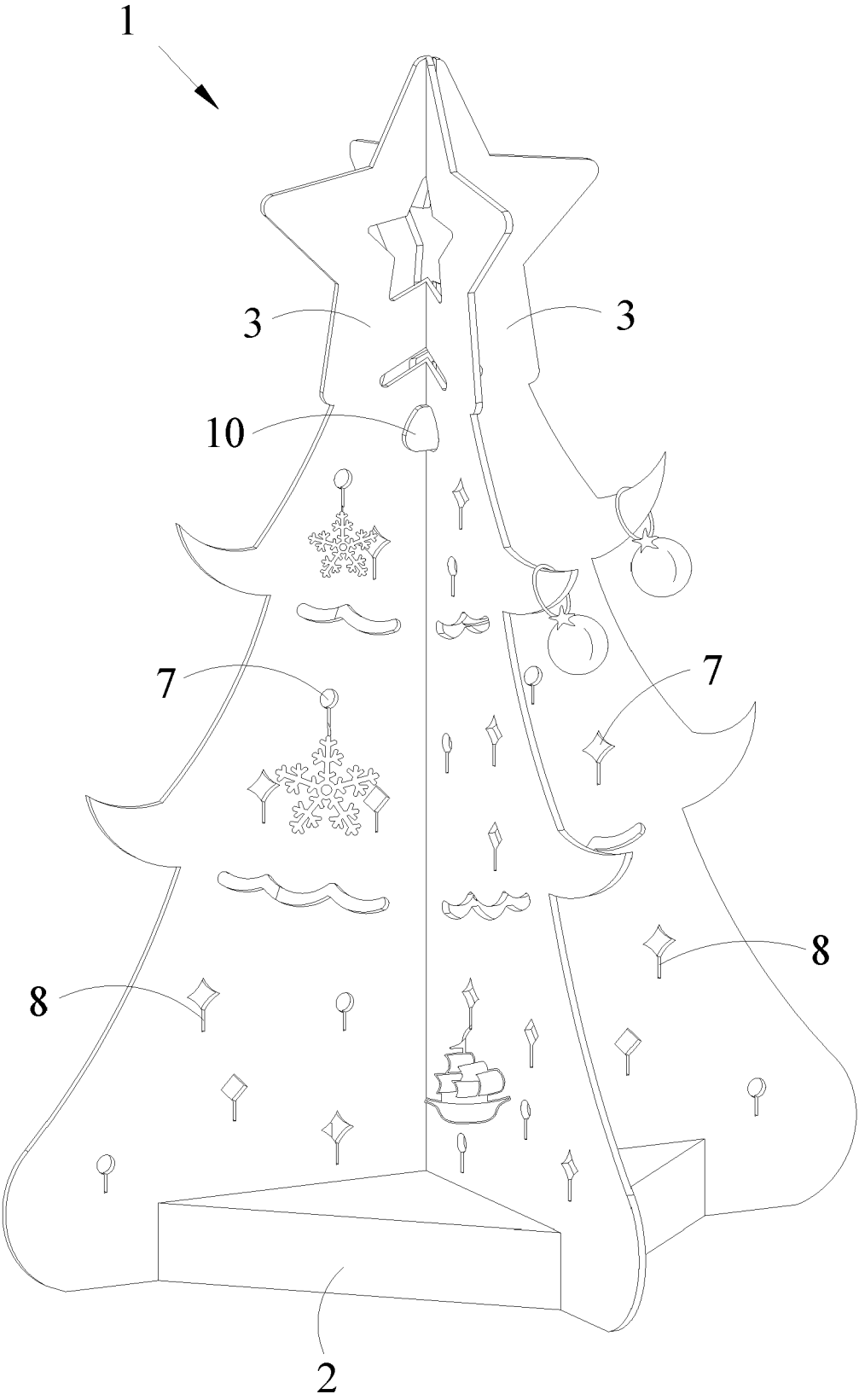


FIG. 1

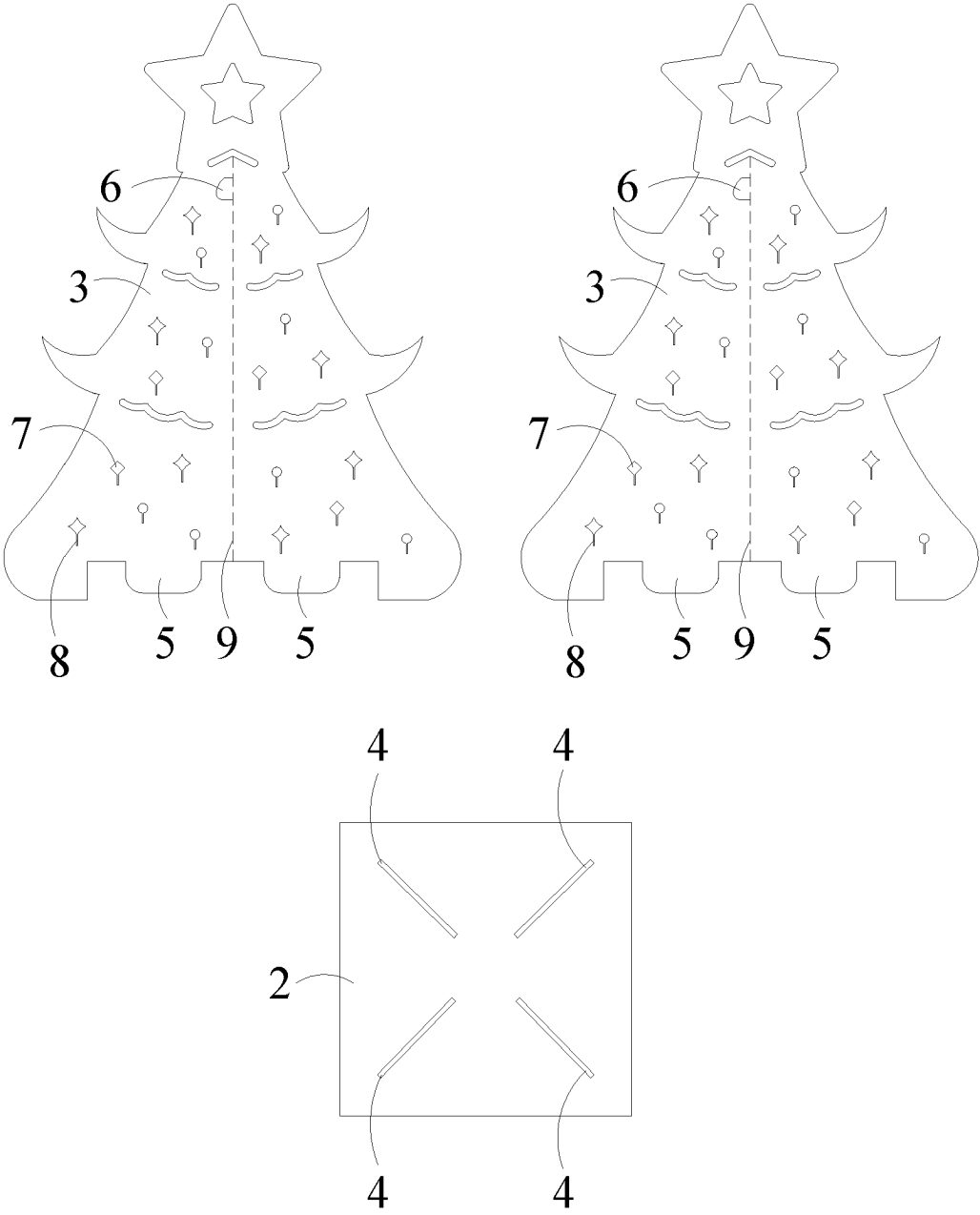


FIG. 2

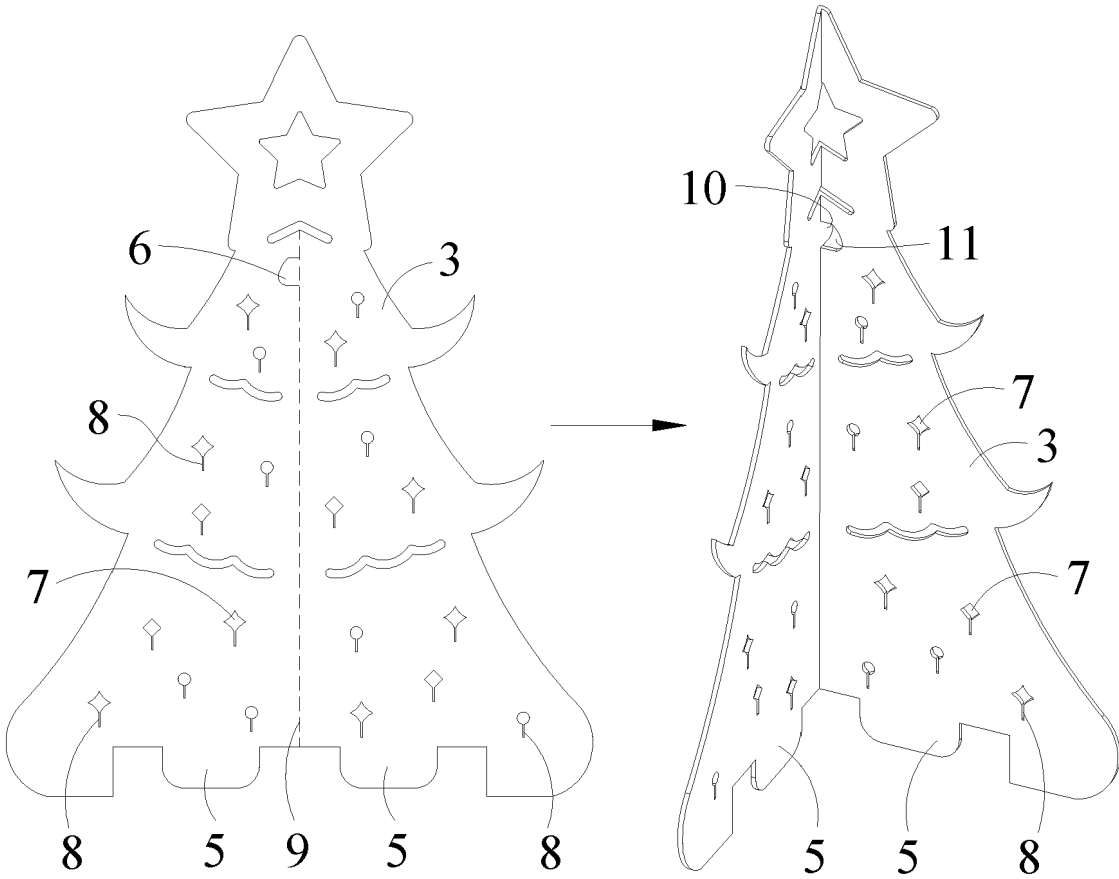


FIG. 3

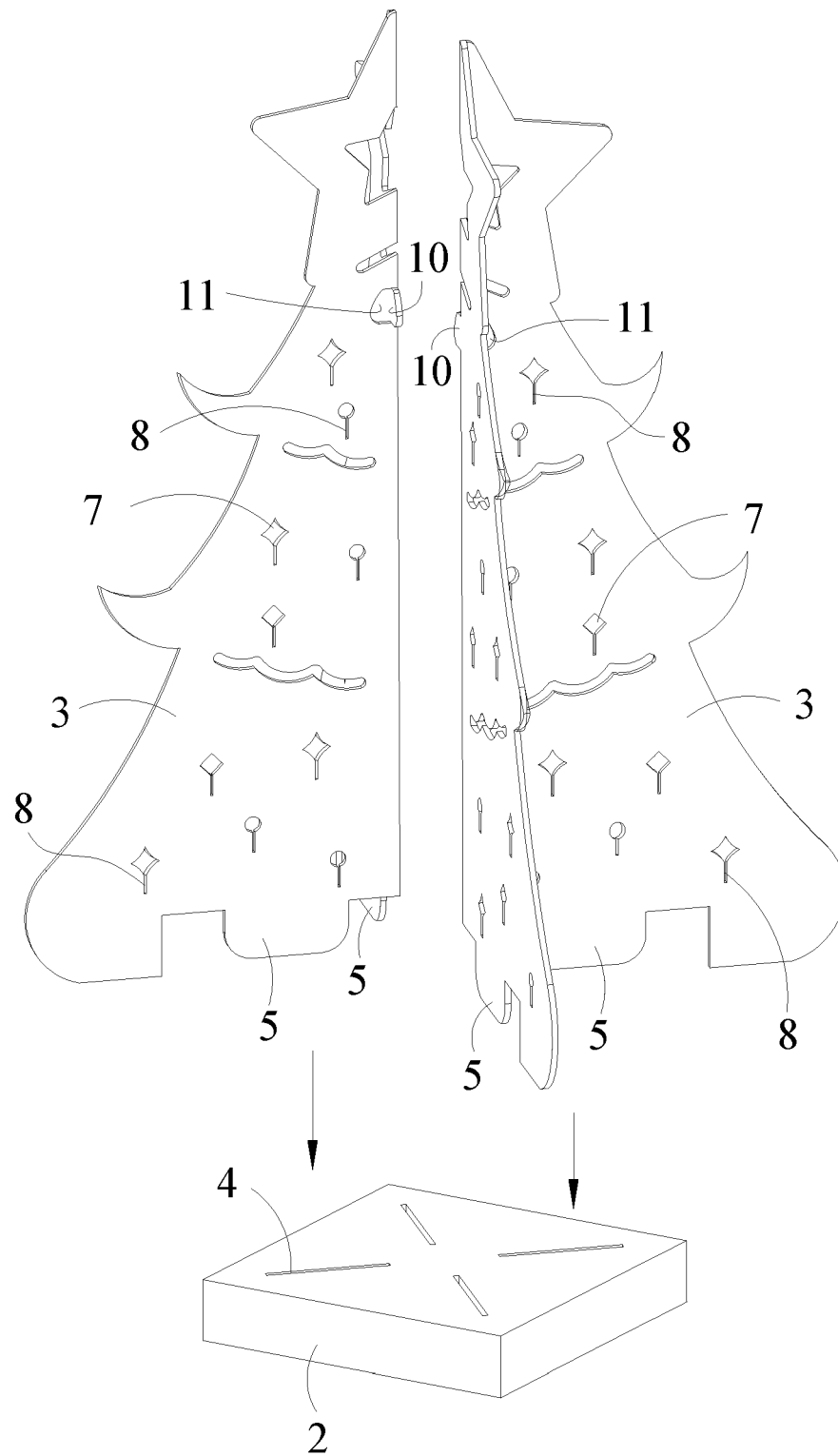


FIG. 4

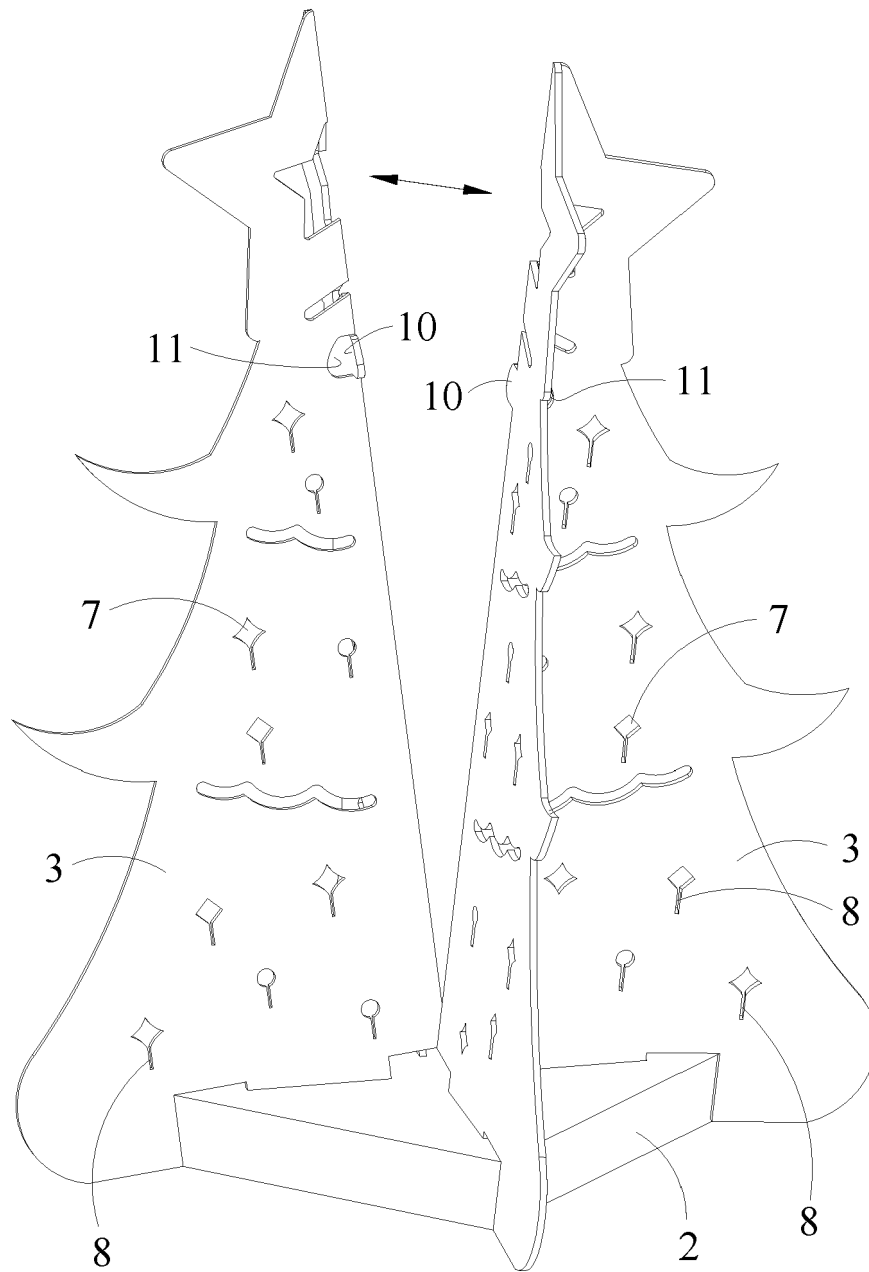


FIG. 5

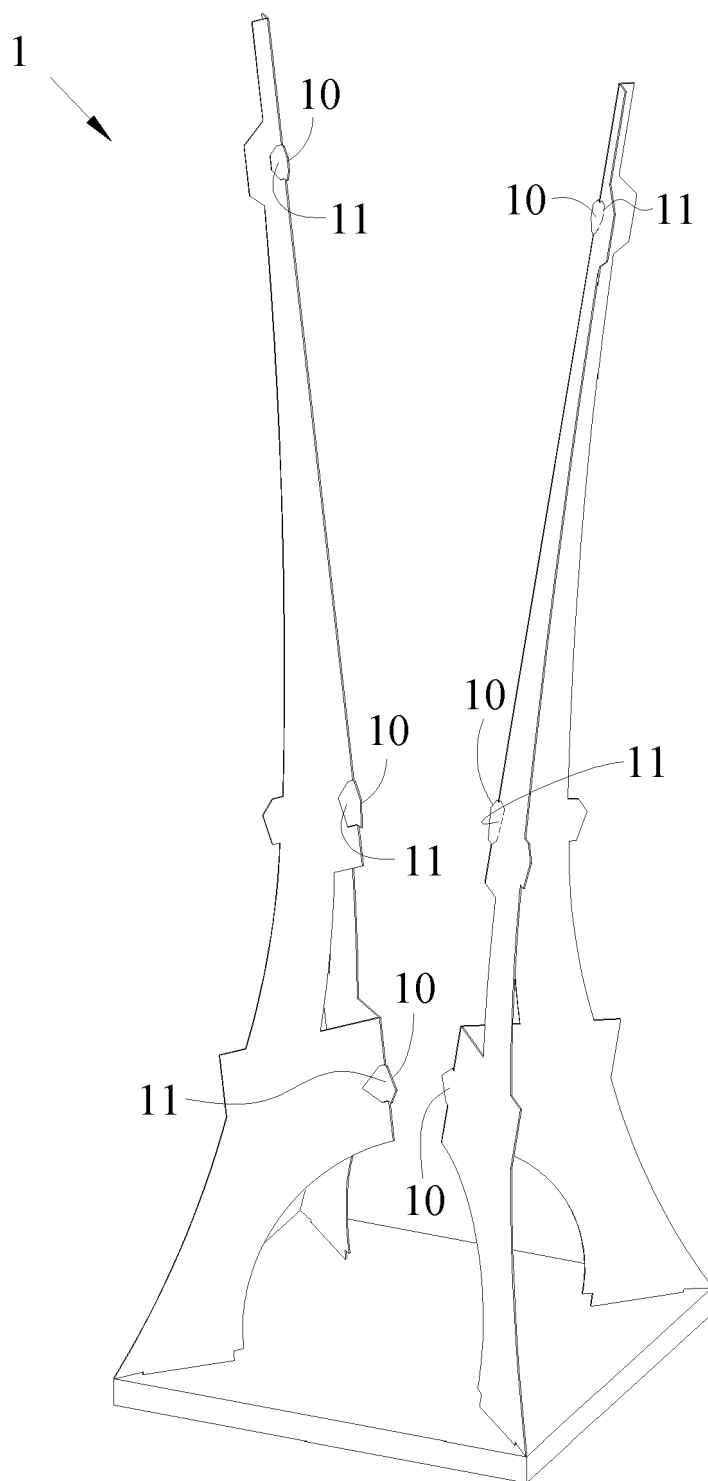


FIG. 6

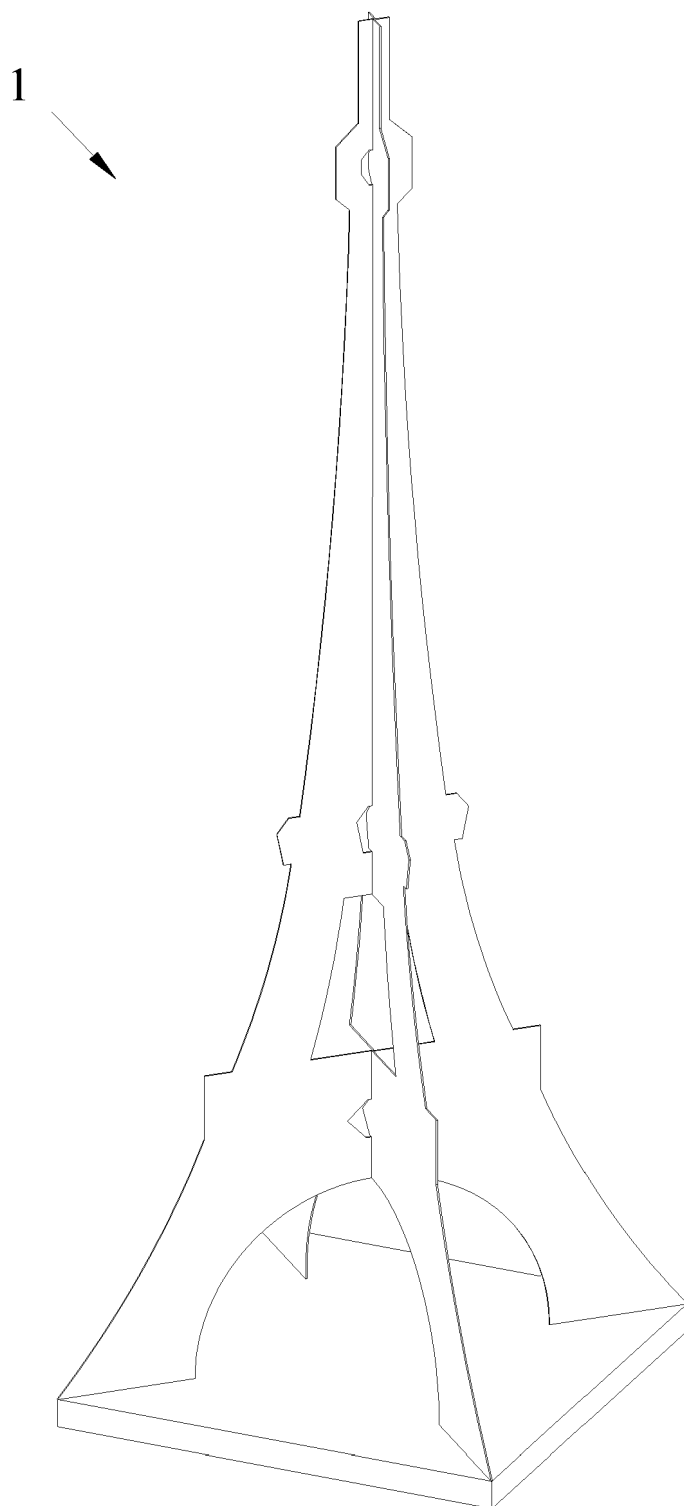


FIG. 7

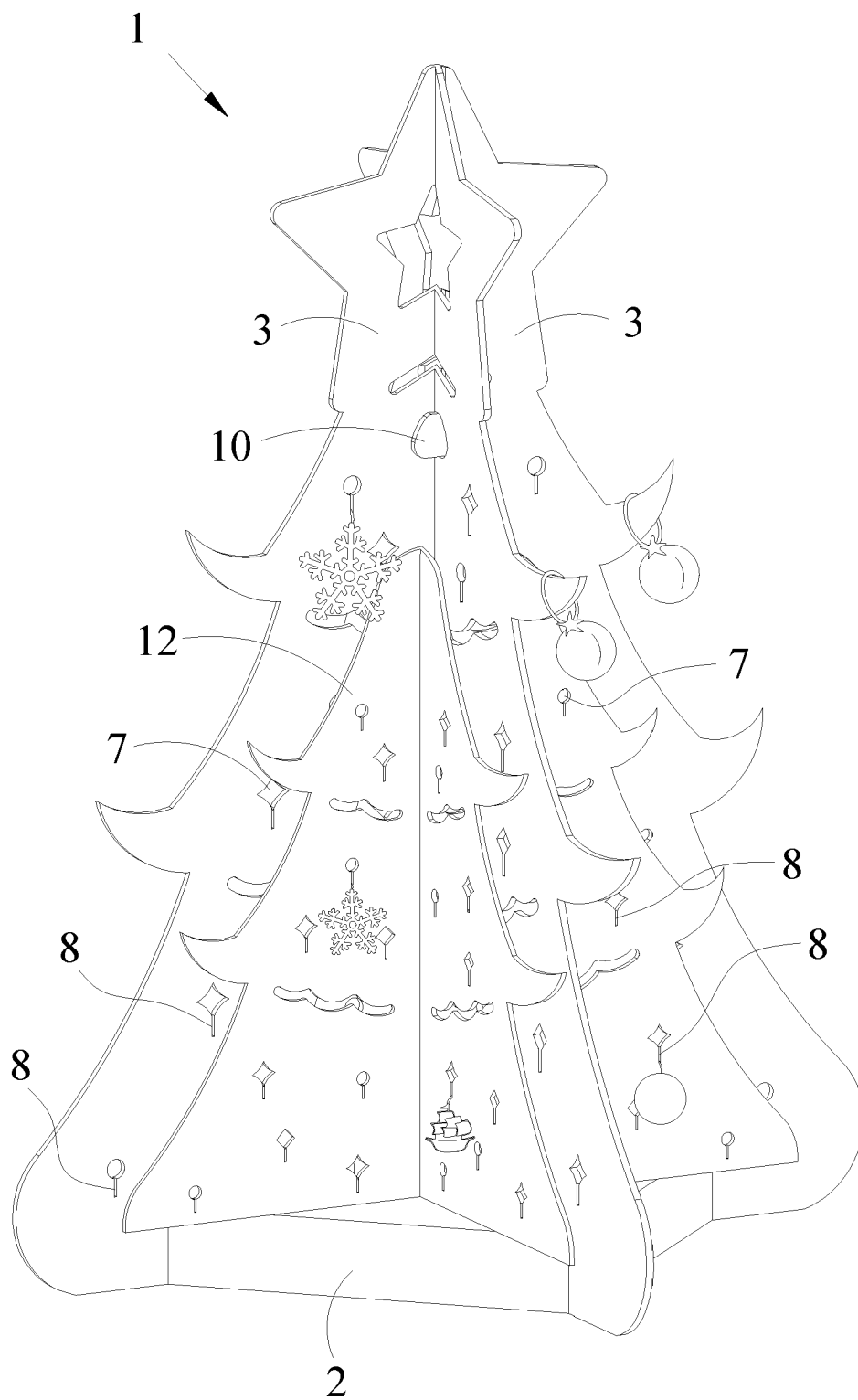


FIG. 8

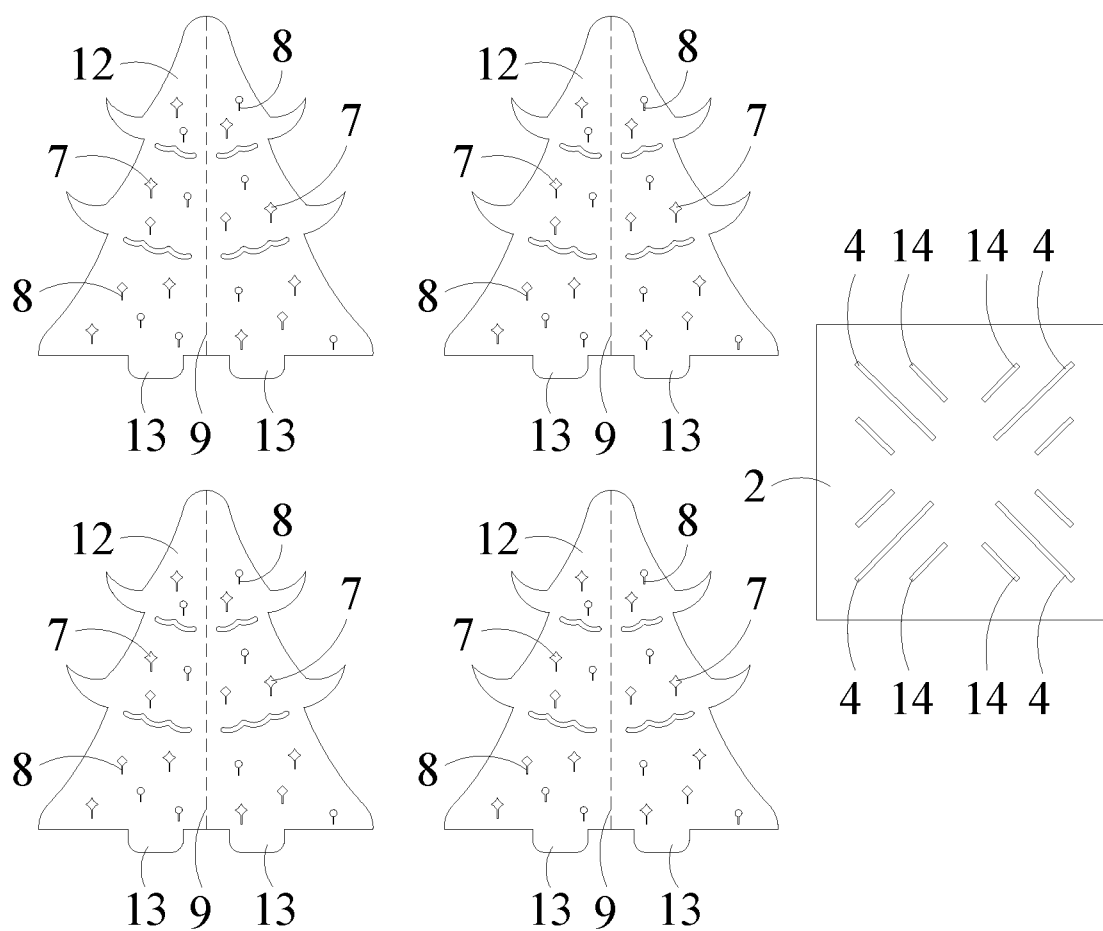


FIG. 9

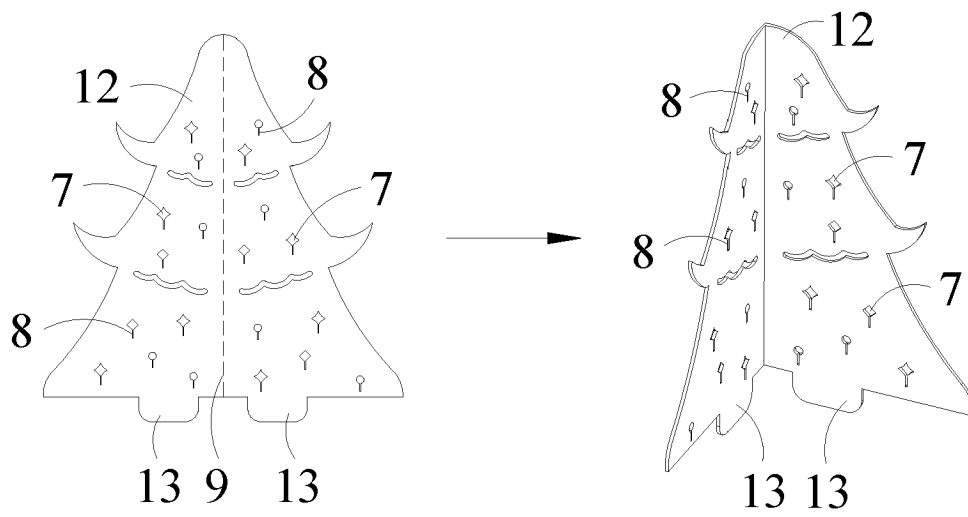


FIG. 10

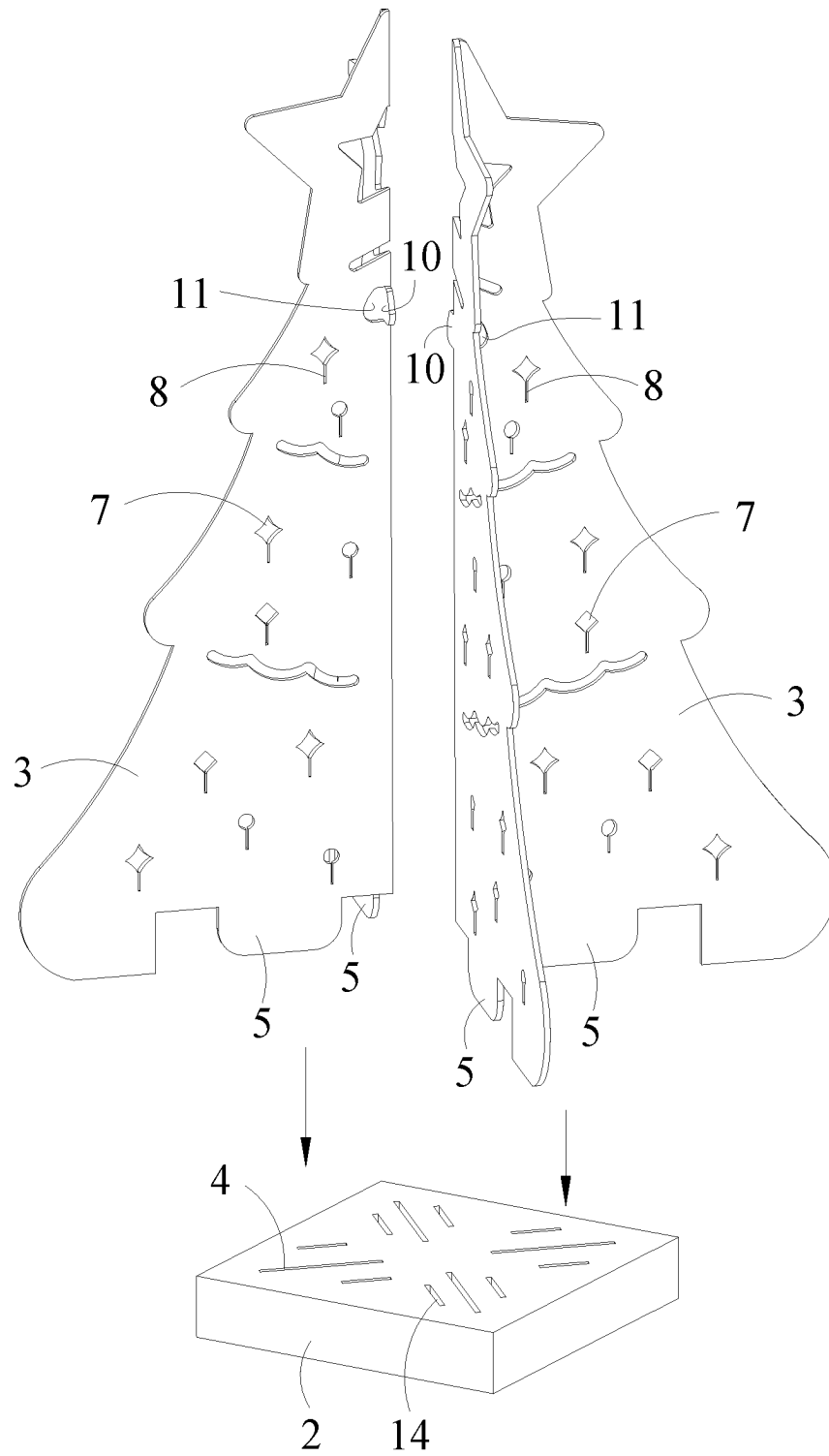


FIG. 11

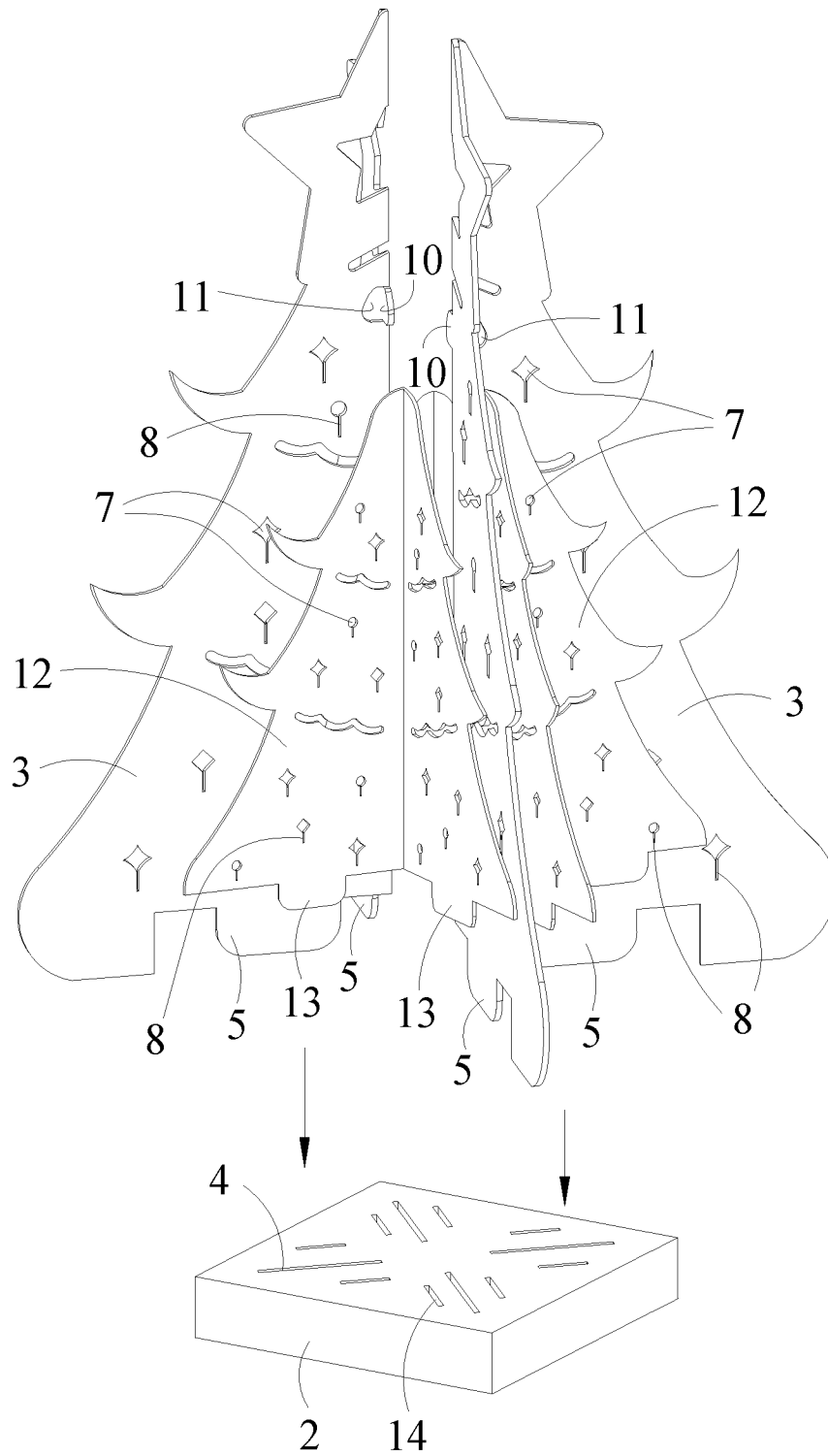


FIG. 12

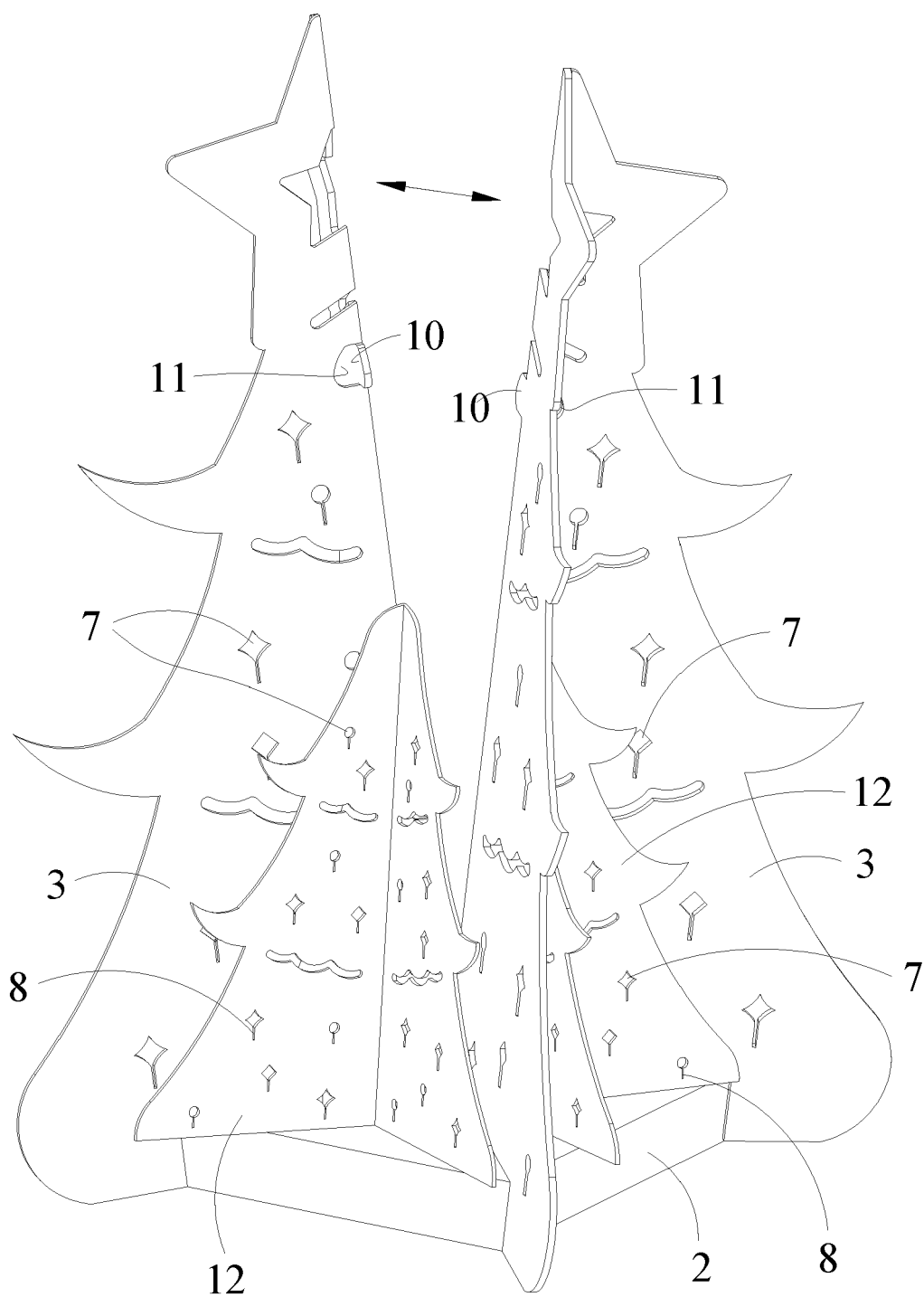


FIG. 13

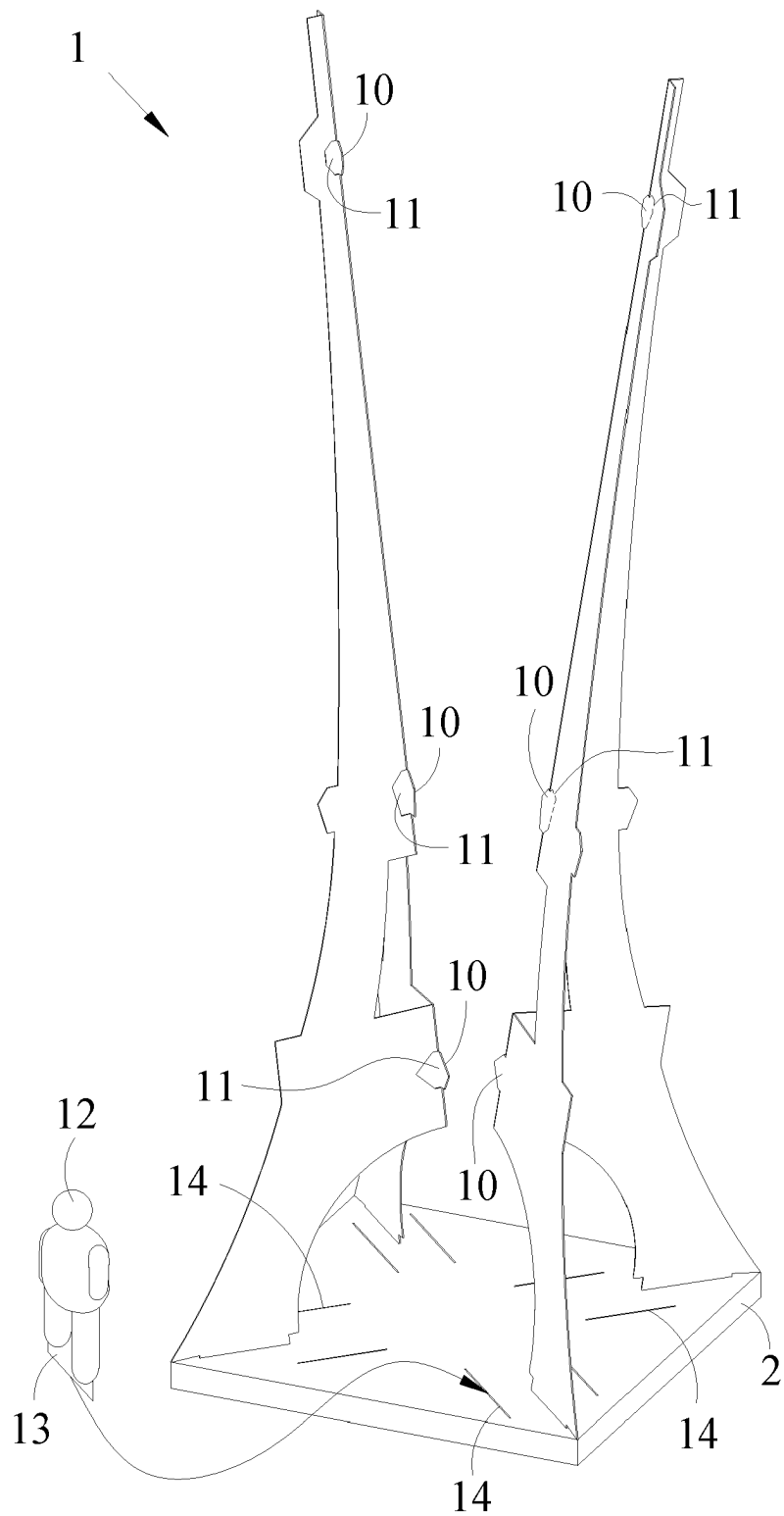


FIG. 14

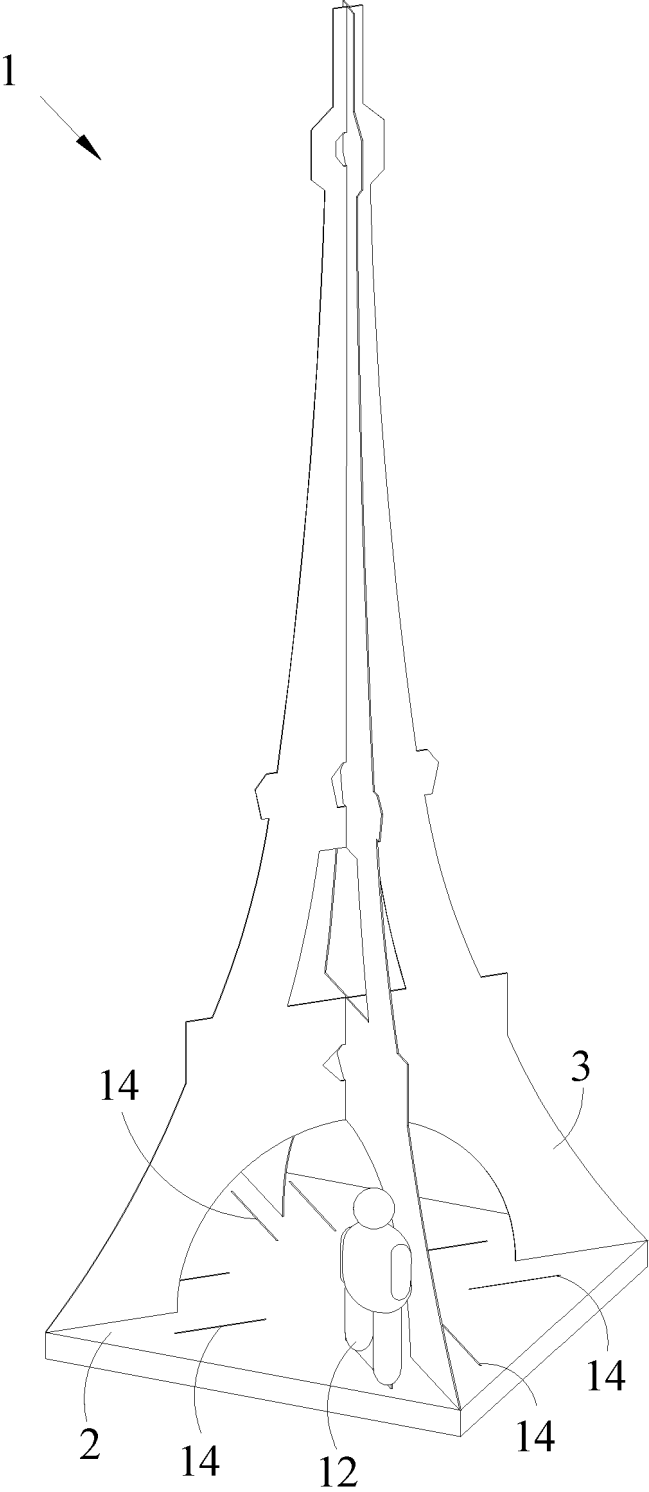


FIG. 15

REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

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