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(54) **BODIES FOR SCULPTURAL STRUCTURES**

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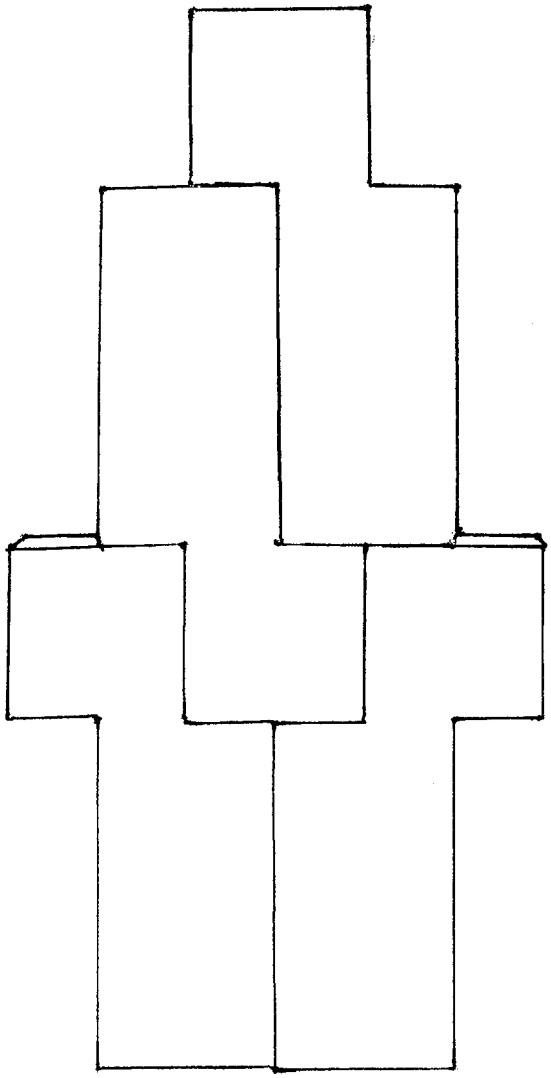
A63H 33/06 (2006.01)

(52) **U.S. Cl.**
CPC *A63H 33/06* (2013.01)

(57) **ABSTRACT**

Bodies for sculptural structures. The abstract of the disclosure is submitted herewith as required by 37 C.F.R. § 1.72(b). As stated in 37 C.F.R. § 1.72(b): A brief abstract of the technical disclosure in the specification must commence on a separate sheet, preferably following the claims, under the heading "Abstract of the Disclosure." The purpose of the abstract is to enable the Patent and Trademark Office and the public generally to determine quickly from a cursory inspection the nature and gist of the technical disclosure. The abstract shall not be used for interpreting the scope of the claims. Therefore, any statements made relating to the abstract are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.



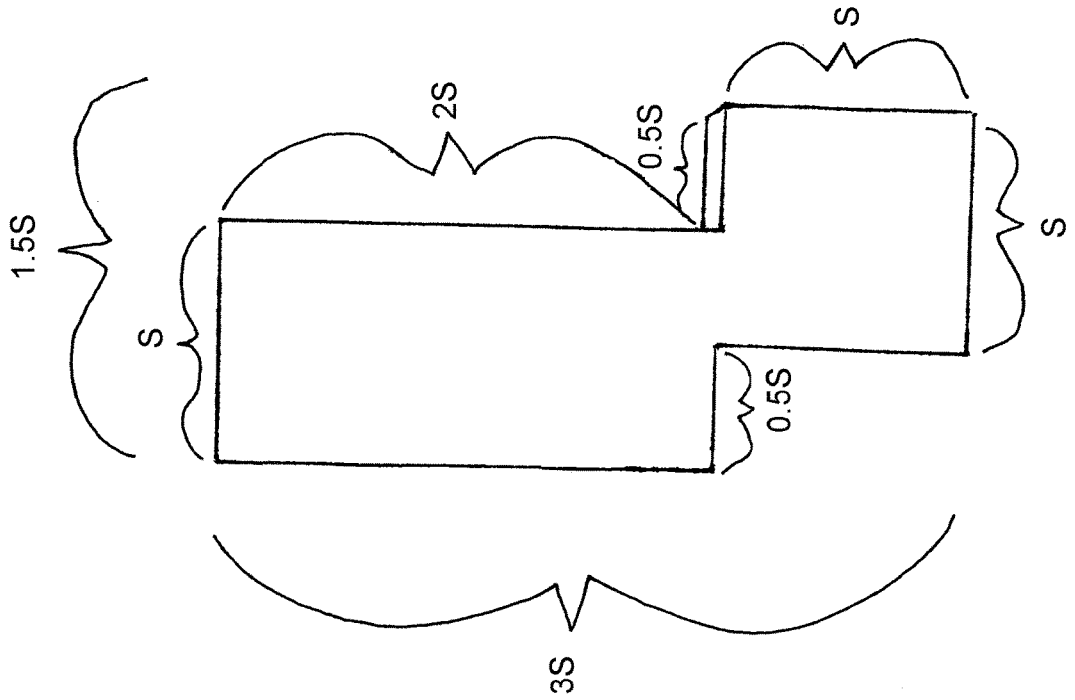
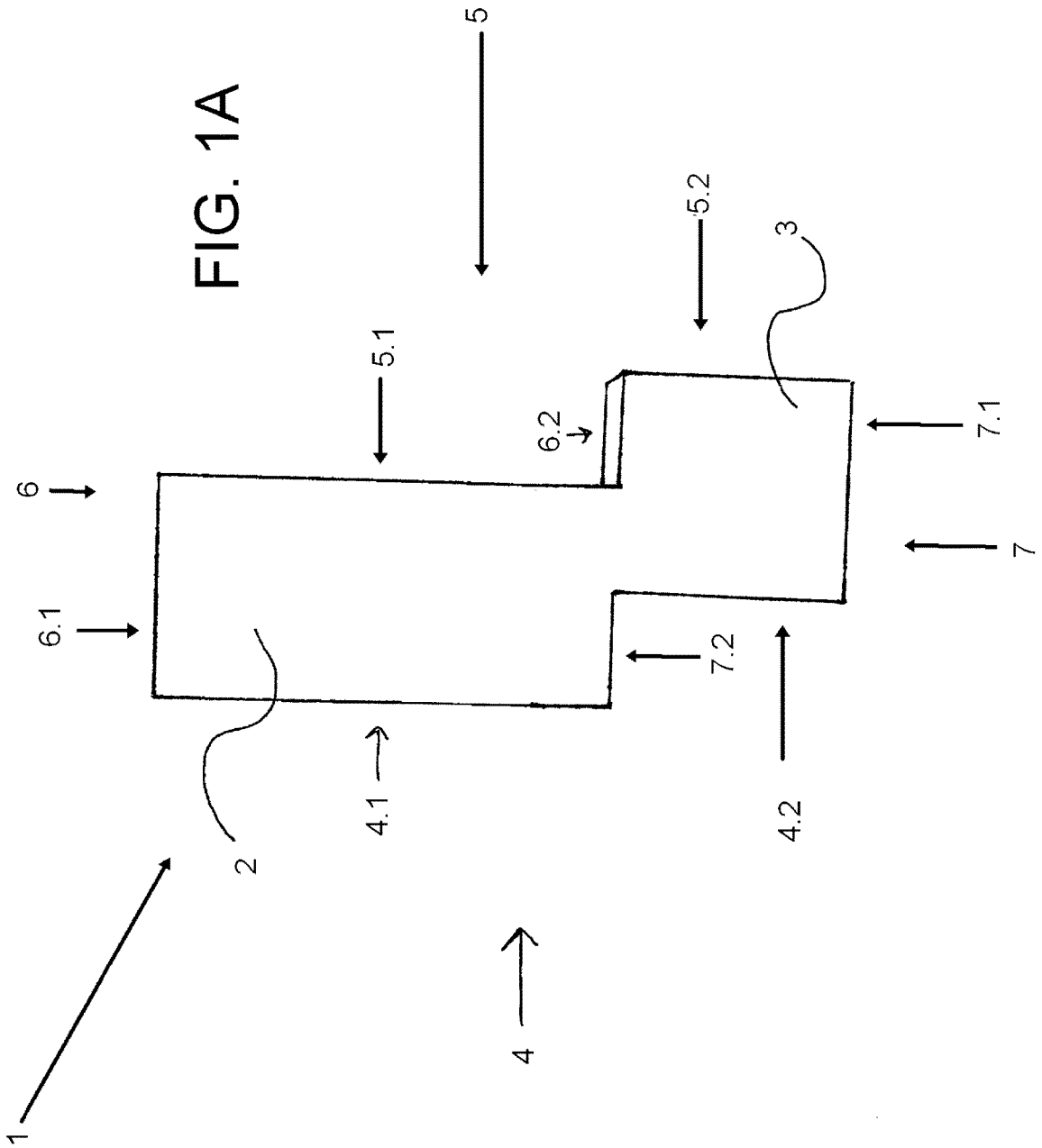


FIG. 1

FIG. 1A



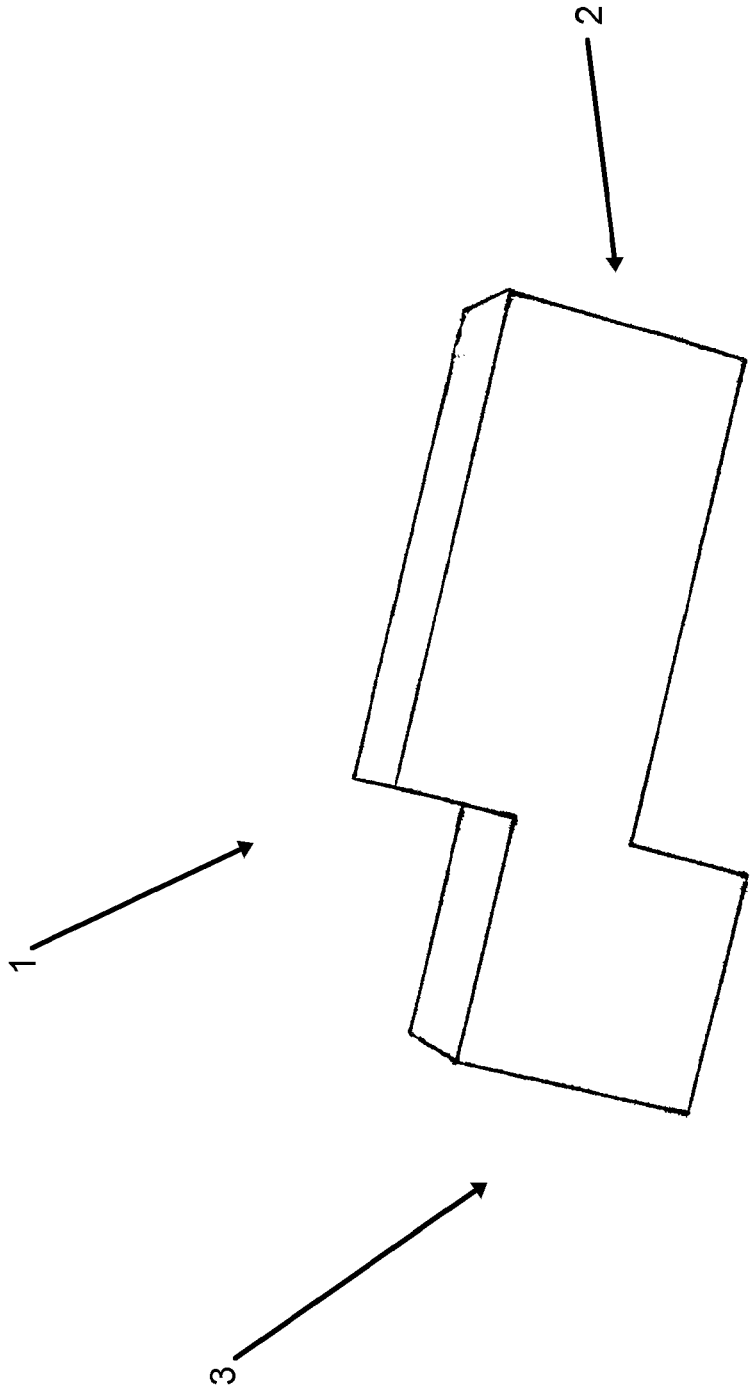


FIG. 2

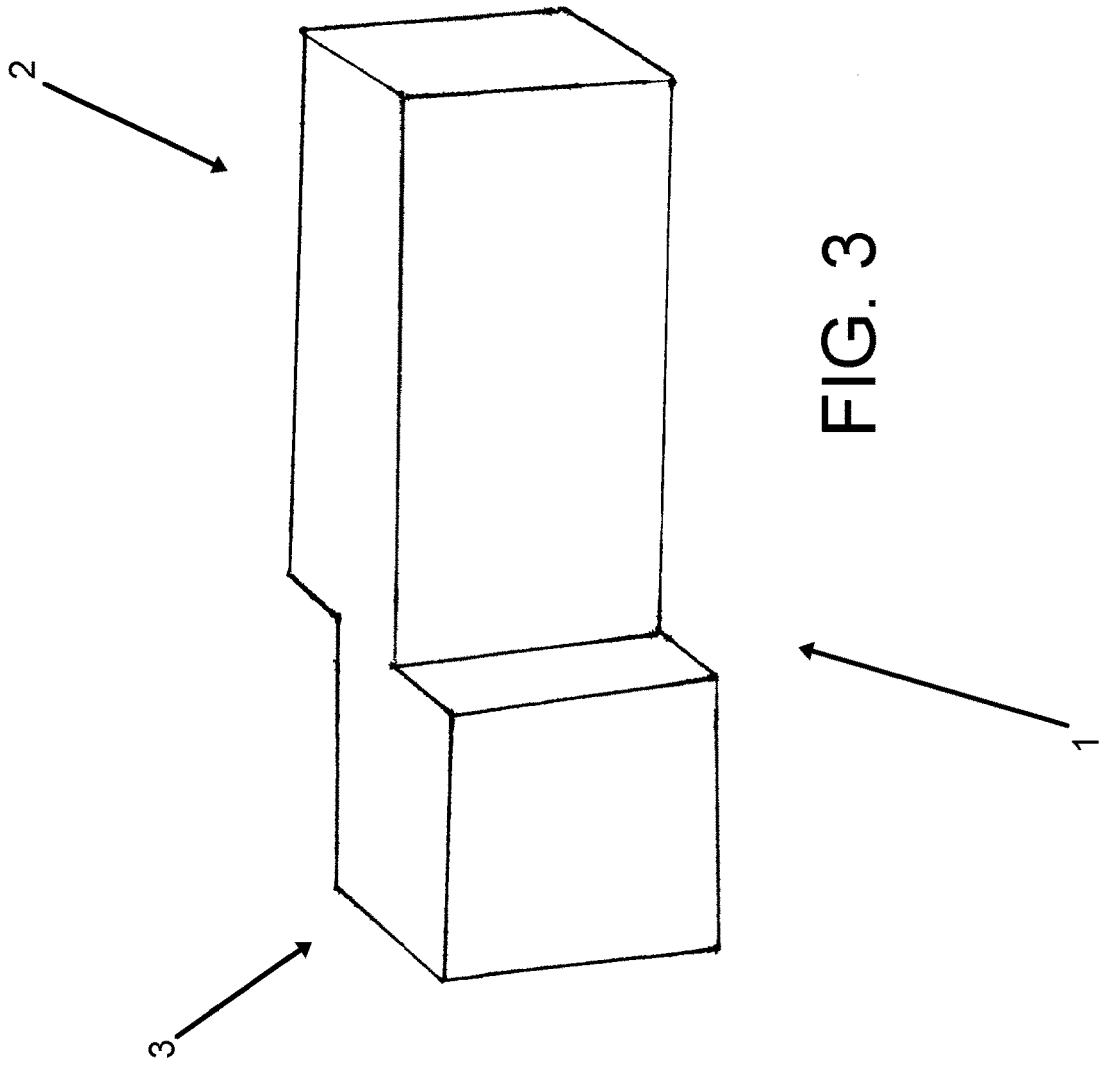


FIG. 3

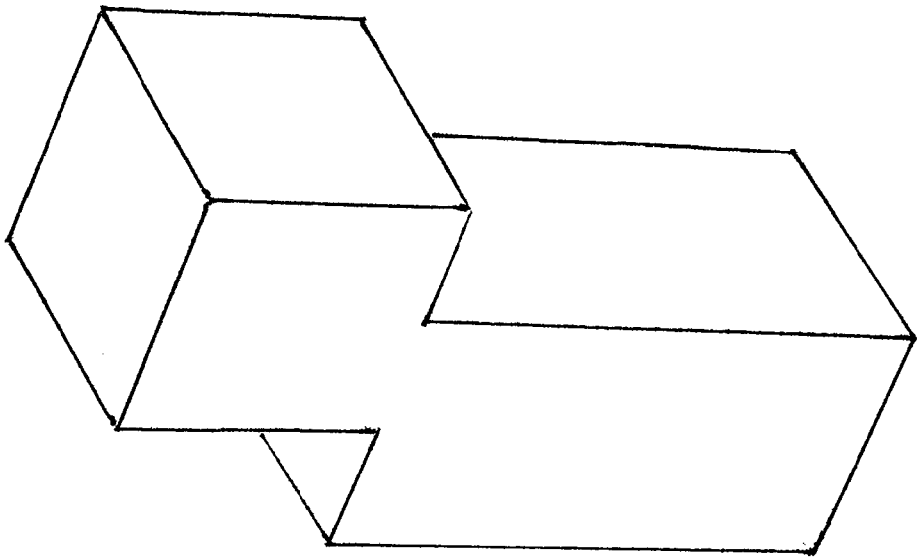
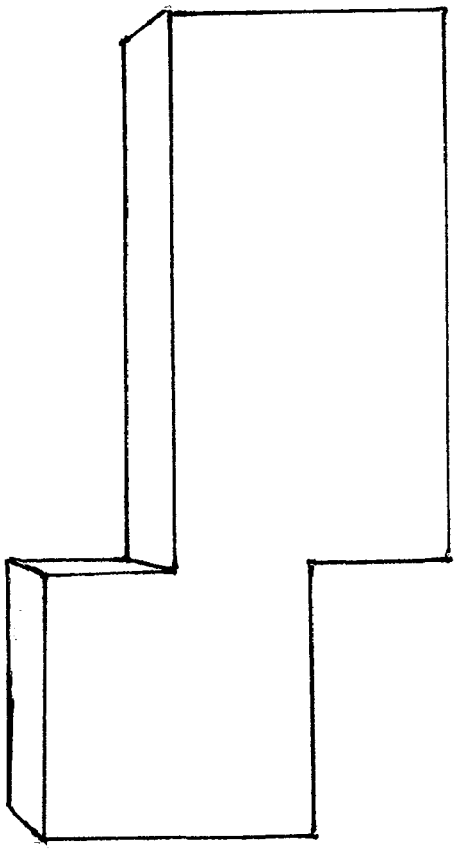


FIG. 4

FIG. 5



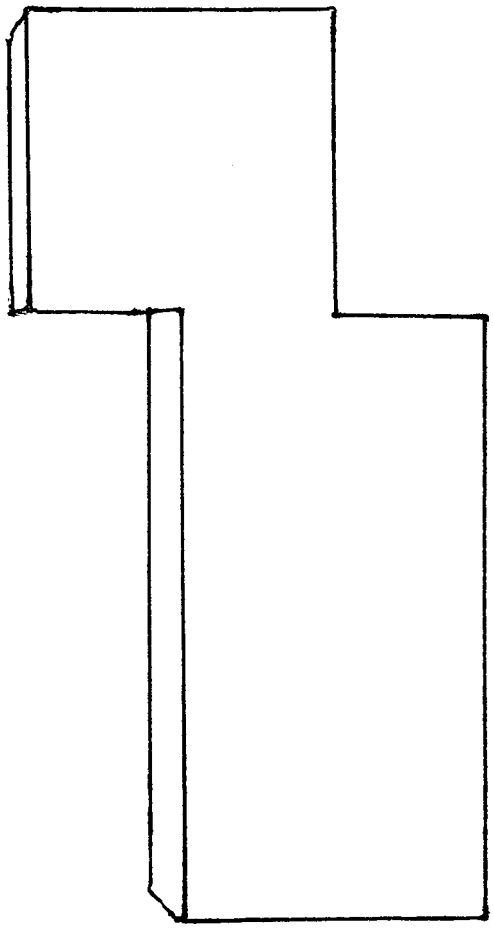
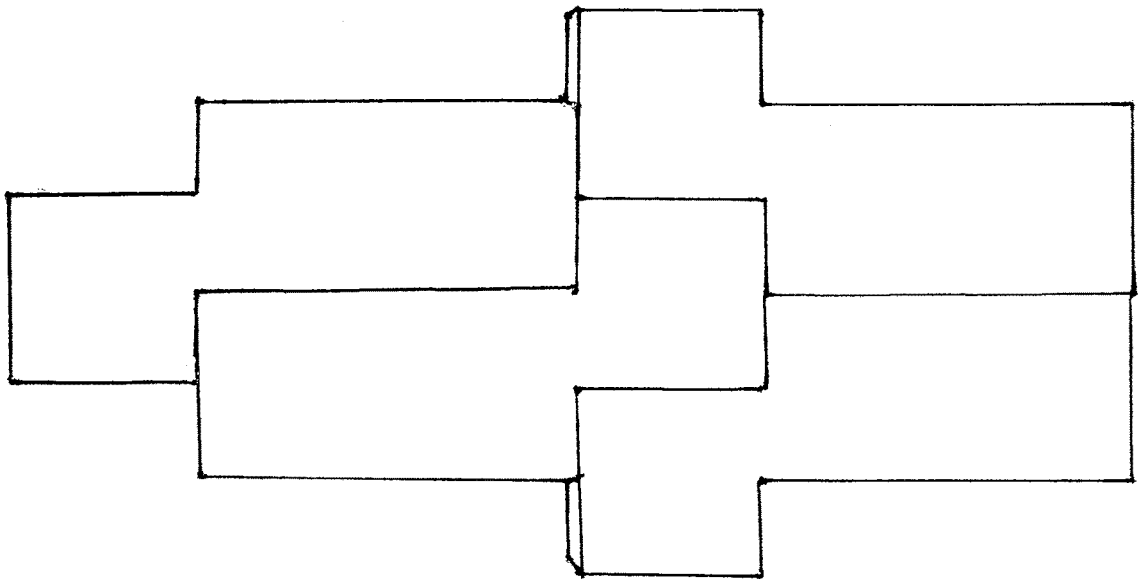


FIG. 6

FIG. 7



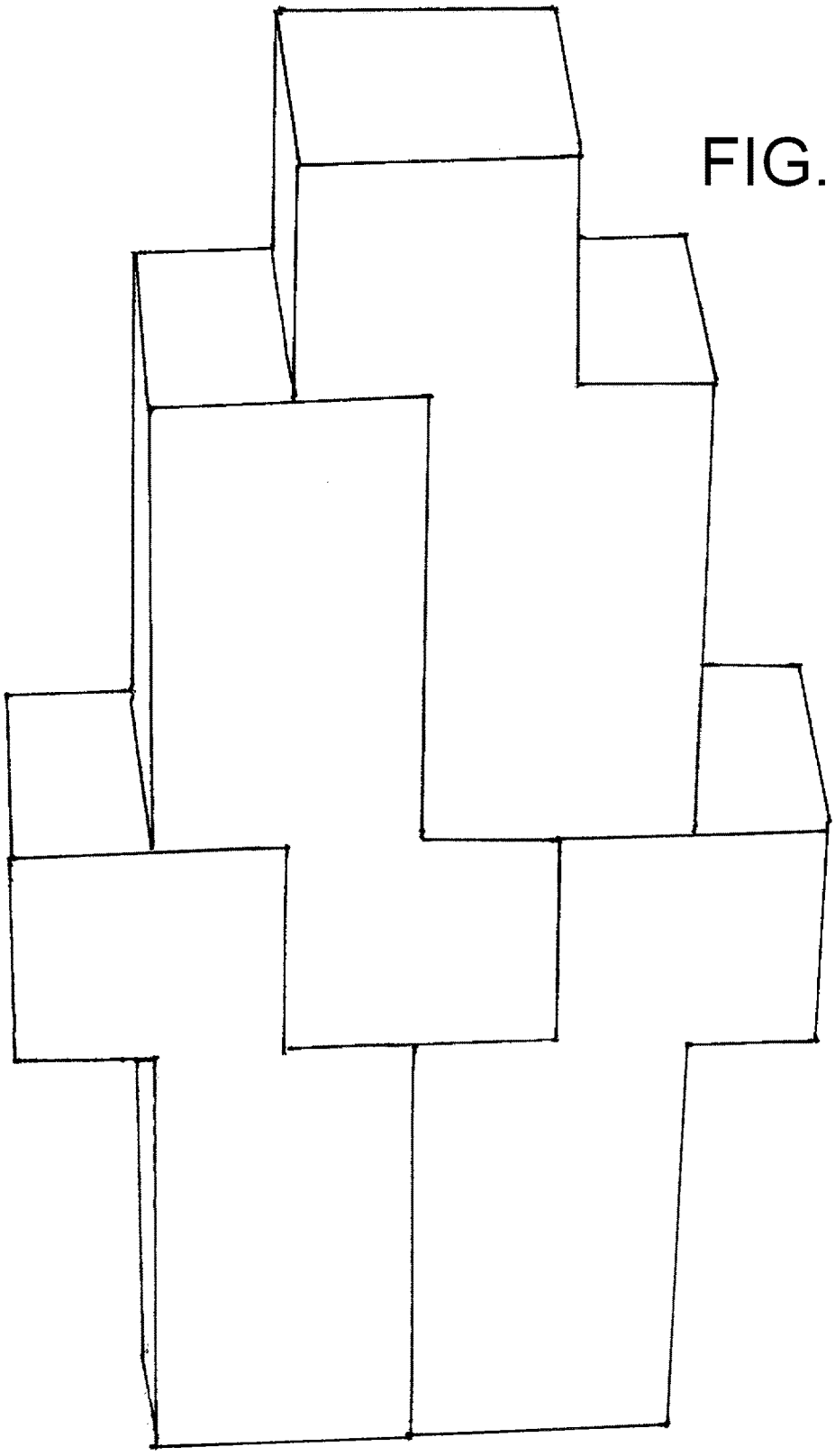


FIG. 8

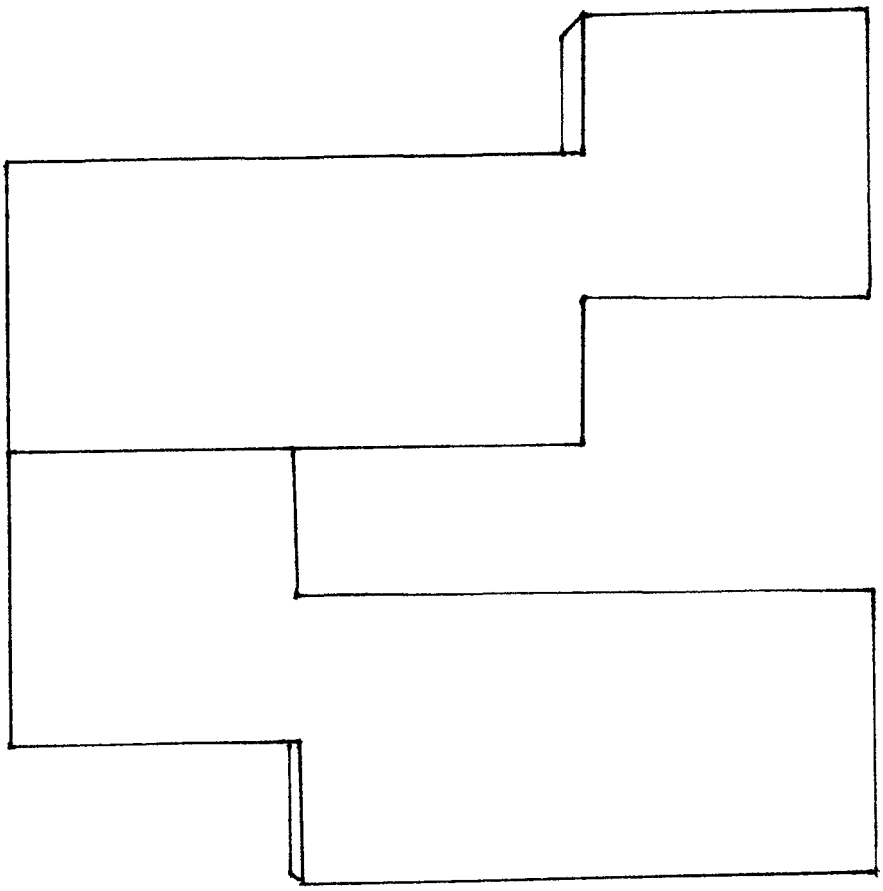


FIG. 9

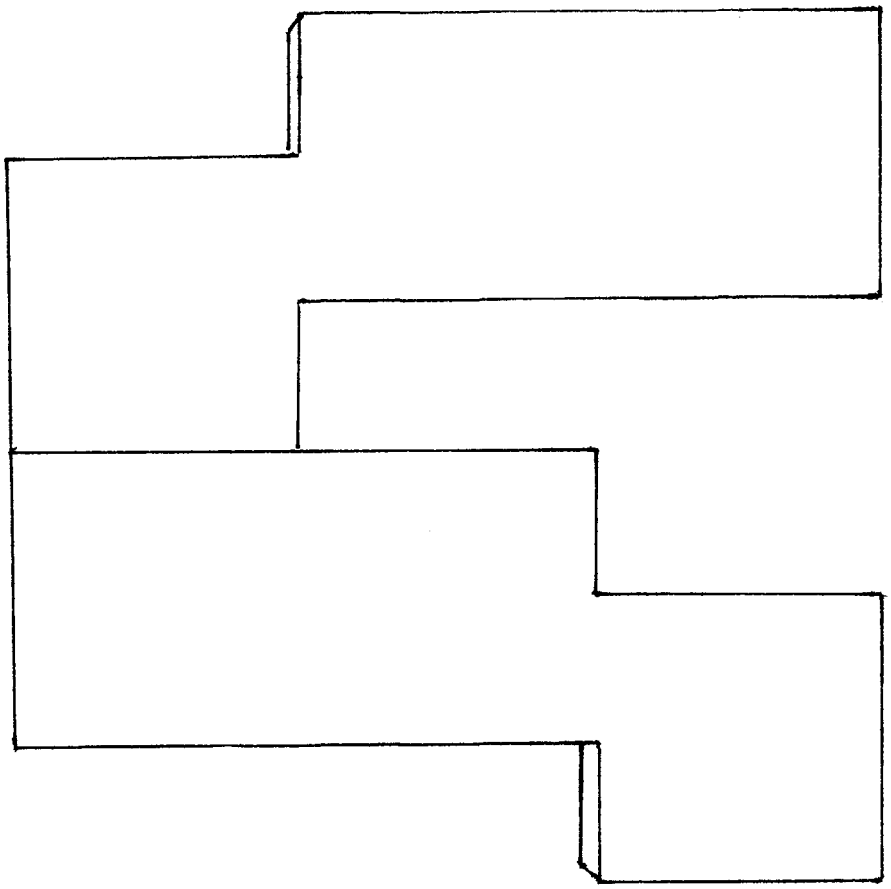
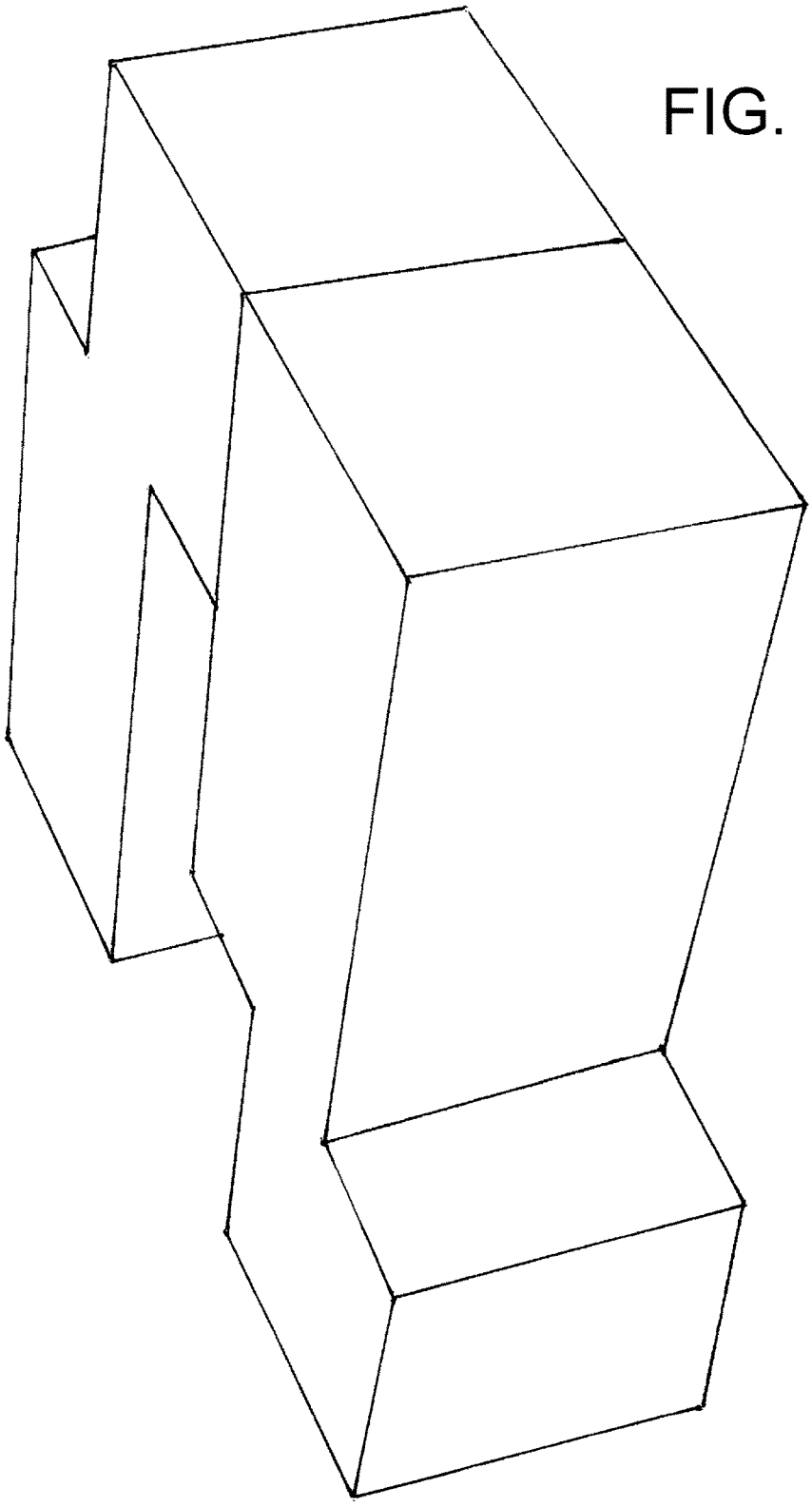


FIG. 10



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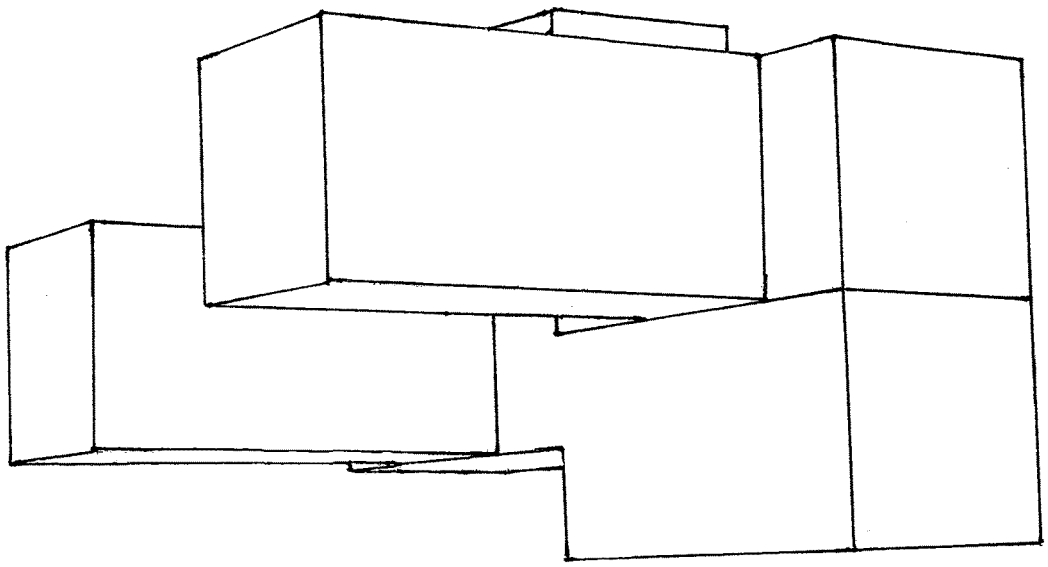

FIG. 12

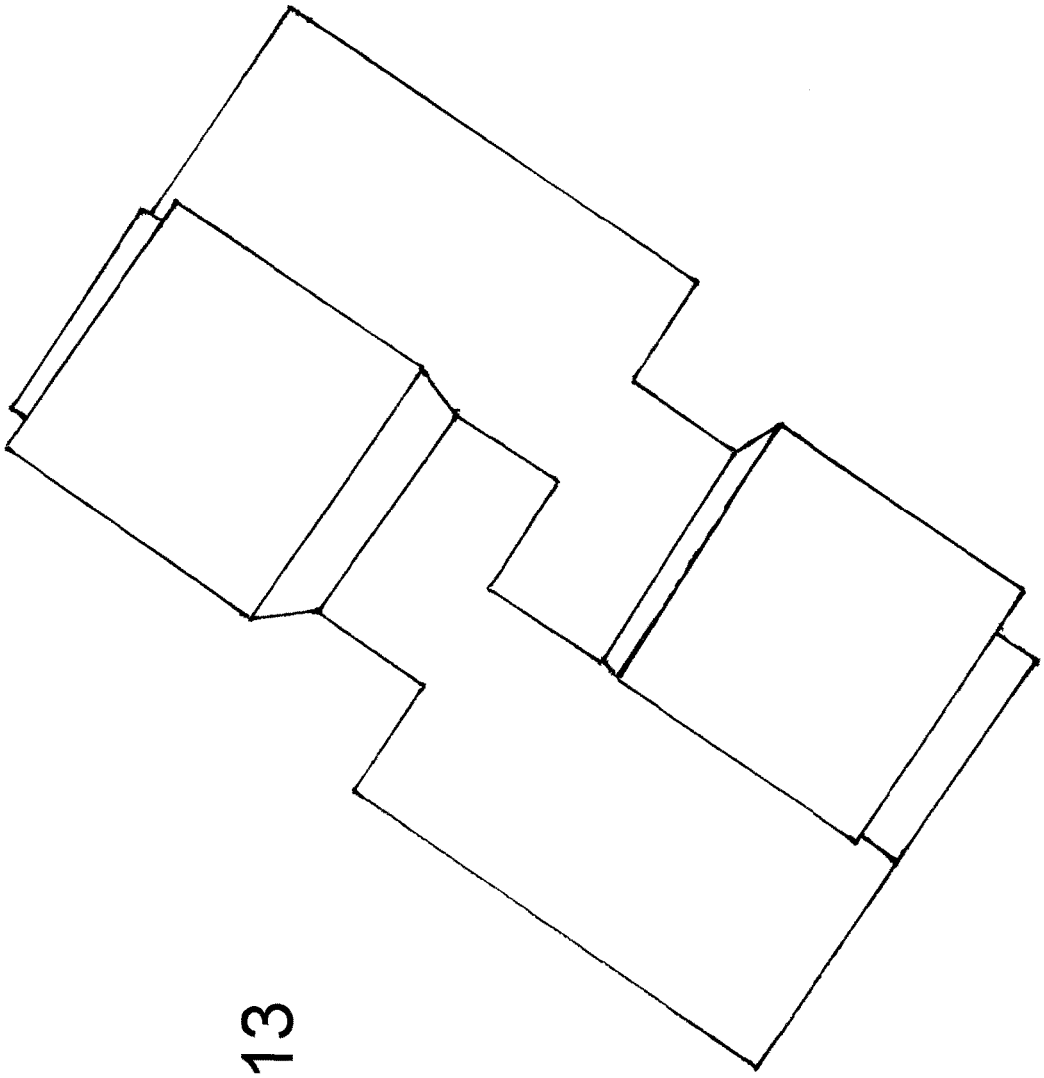

FIG. 13

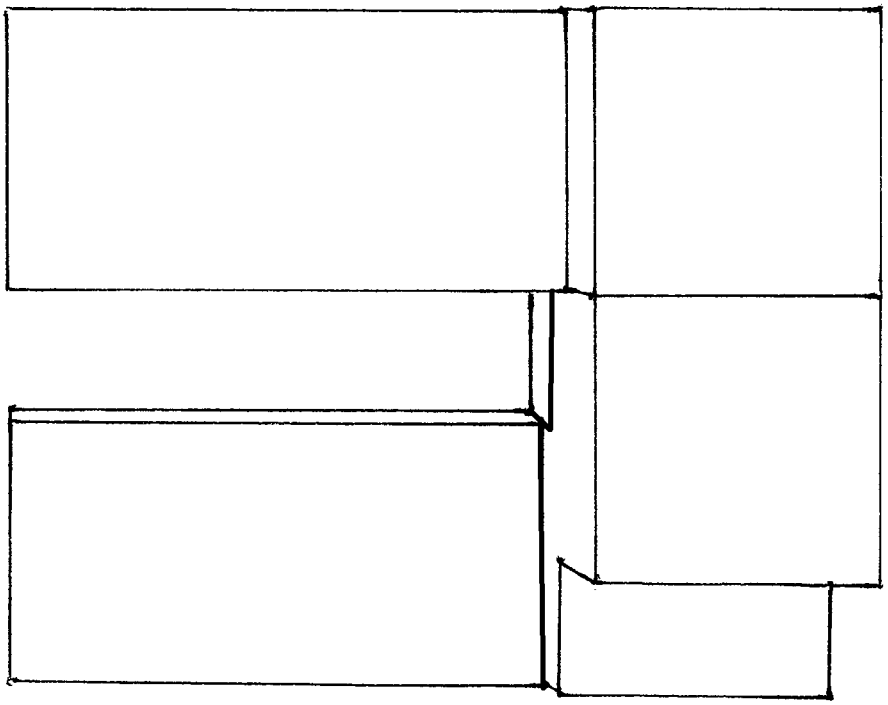

FIG. 14

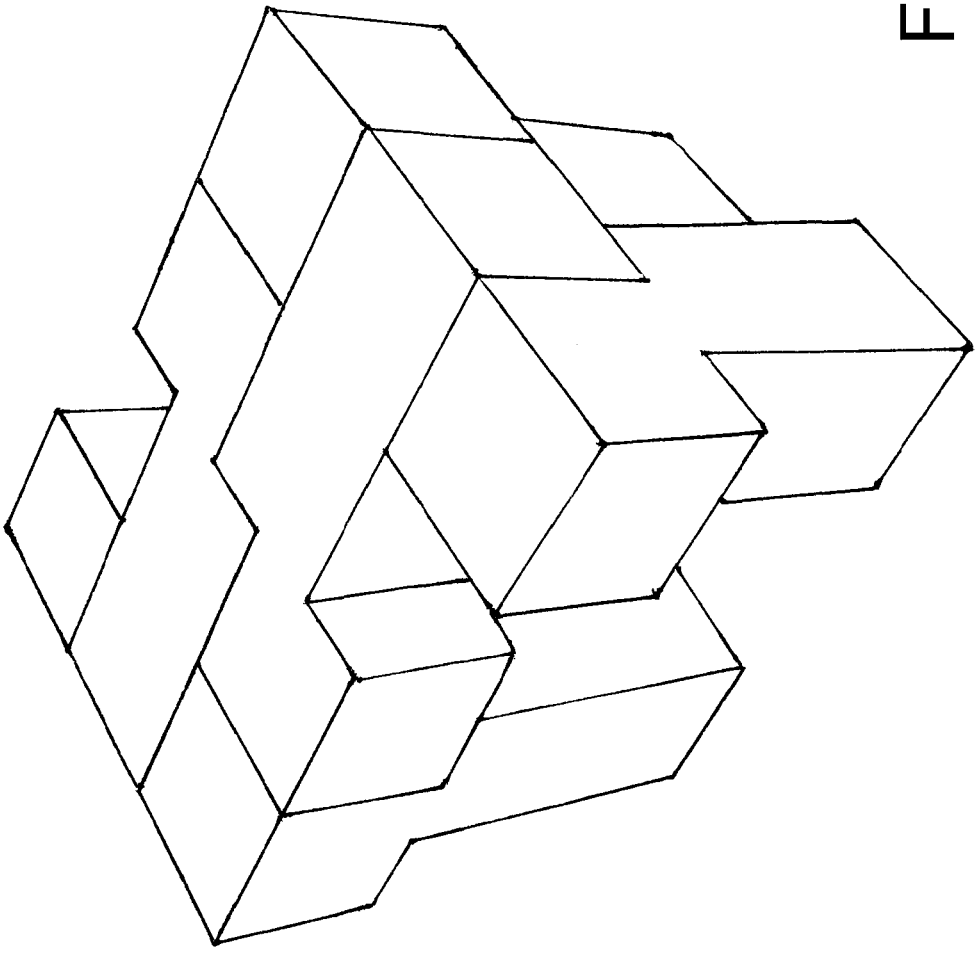

FIG. 15

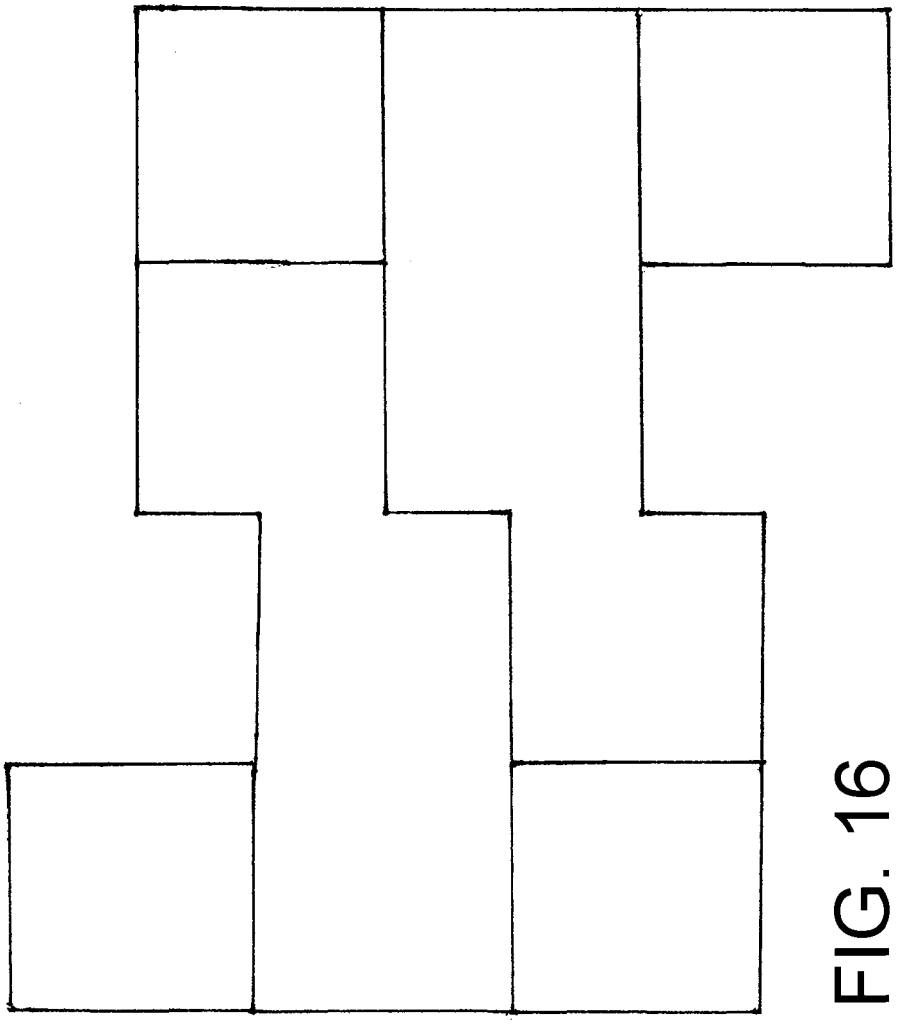

FIG. 16

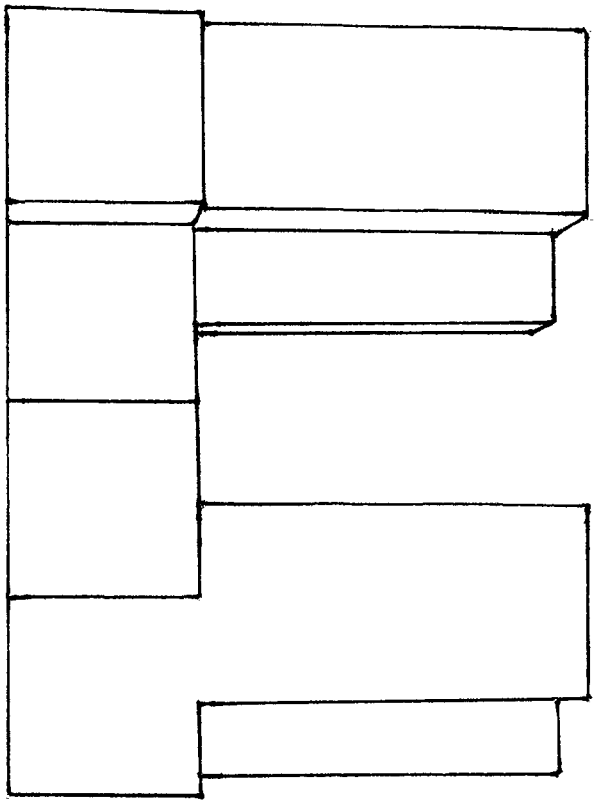

FIG. 17

BODIES FOR SCULPTURAL STRUCTURES

BACKGROUND

1. Technical Field

[0001] The present application relates to bodies for sculptural structures.

[0002] Background information is for informational purposes only and does not necessarily admit that subsequently mentioned information and publications are prior art.

Object or Objects

[0003] An object of the application is provide bodies for the creation of sculptural structures.

SUMMARY

[0004] The present application discloses a body that can be combined with at least one other such body to form a sculptural structure.

[0005] In one possible exemplification, the body may comprise multiple cubes. In one possible exemplification, two cubes are stacked, one on top of the second. A third cube is placed beneath the short side of the two-cube stack and shifted one-half the base length.

[0006] For example, such a body with a side S=1. The two-cube stack comprises a box wherein four sides are a length of 2S and two sides are a length of S. The third cube portion comprises all six sides with a length of S. A side with the length of S of the third cube portion is connected to a side with the length of S of the two-cube stack such that only one-half of the lengths of each abutting side are touching the other side, leaving a length of 0.5S extending on each side.

[0007] In one possible exemplification of the present application, S may equal one inch. Therefore, using the above calculations, the body may comprise a height of three inches, a width of one and one-half inches, and a depth of one inch.

[0008] In other possible exemplifications, S may equal other measurements or approximations.

[0009] The body may comprise solid cast aluminum. By taking any number of individual bodies and combining, arranging, and rearranging them, more complex sculptures may be created.

[0010] In another possible exemplification, the body may comprise one cube. Each of the cube's six sides may be divided into four equal squares, and each of the four equal sides may comprise a different color.

[0011] In one possible exemplification, the four colors may include red, white, blue, and yellow. Each of the six sides may comprise different arrangements of the four colors. Using the example of the four colors above, the following combinations of colors, in a clockwise direction, may be made:

[0012] red, yellow, blue, and white

[0013] red, yellow, white, and blue

[0014] red, blue, yellow, and white

[0015] red, blue, white, and yellow

[0016] red, white, blue, and yellow

[0017] red, white, yellow, and blue

[0018] The cube-shaped body comprises an arrangement of these six uniquely colored sides so that each corner of the cube is only one color and the diagonally opposite corners are the same color.

[0019] The above-discussed exemplifications of the present invention will be described further herein below. When the word "invention" or "exemplification of the invention" is used in this specification, the word "invention" or "exemplification of the invention" includes "inventions" or "exemplifications of the invention", that is the plural of "invention" or "exemplification of the invention". By stating "invention" or "exemplification of the invention", the Applicant does not in any way admit that the present application does not include more than one patentably and non-obviously distinct invention, and maintains that this application may include more than one patentably and non-obviously distinct invention. The Applicant hereby asserts that the disclosure of this application may include more than one invention, and, in the event that there is more than one invention, that these inventions may be patentable and non-obvious one with respect to the other.

BRIEF DESCRIPTION OF THE DRAWINGS

[0020] FIG. **1** is a front view of a body of the present application;

[0021] FIG. **1**A is another front view of the body of FIG. **1**;

[0022] FIG. **2** is a three-dimensional or perspective front view of the body;

[0023] FIG. **3** is another three-dimensional front and side view of the body;

[0024] FIG. **4** is another three-dimensional front and side view of the body;

[0025] FIG. **5** is a view of the body in which the body rests on a table on its protruding rectangular portion, with the square portion protruding upwards away from the body;

[0026] FIG. **6** is another front view of the body;

[0027] FIG. **7** shows a front view of a possible sculptural structure comprising four bodies of the present application;

[0028] FIG. **8** shows a front perspective view of the sculptural structure shown in FIG. **7**;

[0029] FIG. **9** shows a front view of a sculptural structure comprising two bodies of the present application;

[0030] FIG. **10** shows a back view of the sculptural structure shown in FIG. **9**;

[0031] FIG. **11** shows a perspective view of the sculptural structure shown in FIG. **9**;

[0032] FIG. **12** shows another possible configuration of a sculptural structure comprising multiple bodies of the present application as viewed from one side;

[0033] FIG. **13** shows the sculptural structure as shown in FIG. **12** as viewed from the top as shown in FIG. **12**;

[0034] FIG. **14** shows another possible combination of bodies comprising a sculptural structure;

[0035] FIG. **15** shows a perspective view of the top and side of yet another sculptural structure comprising six bodies of the present application;

[0036] FIG. **16** shows a top view of the sculptural structure shown in FIG. **15**; and

[0037] FIG. **17** shows a side view of the sculptural structure shown in FIG. **15**.

DESCRIPTION OF EXEMPLIFICATION OR EXEMPLIFICATIONS

[0038] FIG. **1** is a front view of a body **1** of the present application. In this view, the body **1** comprises a height of 3S, a width of 1.5S, and a depth of S. The parallelepiped or

cuboid portion **2** of the body **1** comprises a height of 2S, a width of S, and a depth of S. The cube portion **3** of the body **1** comprises a height of S, a width of S, and a depth of S. The parallelopided portion **2** may be offset from the cube portion **3** by 0.5S.

[0039] In at least one possible exemplification of the present application, S may equal one inch. Therefore, in the view as shown in FIG. **1**, the body **1** may comprise a height of three inches, a width of one and one-half inch, and a depth of one inch. The parallelopided portion **2** may be offset from the cube portion **3** by one-half inch.

[0040] In another one possible exemplification of the present application, S may equal one foot. Therefore, in the view as shown in FIG. **1**, the body **1** may comprise a height of three feet, a width of one and one-half feet, and a depth of one foot. The parallelopided portion **2** may be offset from the cube portion **3** by one-half foot.

[0041] FIG. **1**A shows the body **1** comprising the parallelepiped portion **2** and the cube portion **3**. The body **1** also comprises the parallelepiped-extending long side **4**, the cube-extending long side **5**, the parallelepiped-extending short side **6**, and the cube-extending short side **7**.

[0042] The parallelepiped-extending long side **4** comprises portions **4.1** and **4.2**. The cube-extending long side **5** comprises portions **5.1** and **5.2**. The parallelepiped-extending short side **6** comprises portions **6.1** and **6.2**. The cube-extending short side **7** comprises portions **7.1** and **7.2**.

[0043] FIG. **2** is a three-dimensional front view of the body **1**, disposed so that the cube-extending long side **5** is disposed downwardly, and the cube **3** is disposed on the left of the parallelepiped **2**.

[0044] FIG. **3** is another three-dimensional front and cube-extending long side view of the body **1**. The cube **3** is disposed on the left of the parallelepiped **2**.

[0045] FIG. **4** is another three-dimensional front and cube-extending long side view of the body **1**. The cube **3** is disposed above the parallelepiped.

[0046] FIG. **5** is a view of the body **1** in which the body **1** rests on a table on its protruding parallelepiped portion **4**, with the cube **3** protruding upwards away from the body **1**. The cube **3** is disposed on the left of the parallelepiped.

[0047] FIG. **6** is a view of the body **1** of the present application in which the body **1** rests on a table on its protruding parallelepiped portion **4**, with the cube **3** protruding upwards away from the body **1**. The cube **3** is disposed on the right of the parallelepiped.

[0048] The sculptural structures shown in FIGS. **7**, **9**, **12**, **14**, and **15** are examples of sculptural structures which can be created using the bodies described according to the present application.

[0049] The sculptural structure as shown in FIG. **7** comprises four bodies as disclosed by the present application, placed in a configuration.

[0050] Two bodies are oriented such that, for each of those two bodies, the parallelepiped portions are disposed below the cube portions. The first of these two bodies is disposed on the left and oriented such that the cube portion projects toward the left, as shown in the front view of FIG. **7**. The second of these two bodies is disposed on the right and oriented such that the cube portion projects toward the right, as shown in the front view of FIG. **7**. The parallelepiped portions of these two bodies are disposed adjacent to and flush against one another.

[0051] The sculptural structure shown in FIG. **7** comprises a third body which oriented such that the parallelepiped portion is disposed above the cube portion and such that the parallelepiped portion projects toward the left of the sculptural structure. The cube portion of the third body is disposed between the square portions of the first and second bodies.

[0052] A fourth body is oriented such that the cube portion is above the parallelepiped portion and such that the cube portion projects toward the left. The fourth body is disposed such that the parallelepiped portion is disposed fully adjacent to the parallelepiped portion of the third body. The parallelepiped portions of the third and fourth bodies are disposed adjacent to and flush against one another. The cube portion of the fourth body rests atop the parallelepiped portion of the third body.

[0053] FIG. **8** shows another perspective view of the sculptural structure shown in FIG. **7**.

[0054] The sculptural structure as shown in FIG. **9** comprises two bodies as disclosed by the present application. As seen from the front view in FIG. **9**, the body disposed on the left of the sculptural structure is oriented such that the cube portion of the body is disposed above the parallelepiped portion and such that the cube portion projects toward the body on the right of the sculptural structure. The body on the right of the sculptural structure is oriented such that the parallelepiped portion of the body is disposed above the cube portion and such that the parallelepiped portion projects toward the body on the left of the sculptural structure. The side of the cube of the body on the left abuts the side of the parallelepiped of the body on the right.

[0055] FIG. **10** shows a back view of the sculptural structure as shown in FIG. **9**.

[0056] FIG. **11** shows a perspective view of the sculptural structure as shown in FIG. **9**.

[0057] FIG. **12** shows another possible configuration of a sculptural structure comprising multiple bodies of the present application. The sculptural structure as shown in FIG. **12** comprises four bodies as disclosed by the present application. As shown in the perspective view of FIG. **12**, a first body is oriented such that the parallelepiped portion is disposed closer to the viewer of the sculptural structure than the cube portion, and such that the cube portion projects toward the viewer's right and the parallelepiped portion projects toward the viewer's left.

[0058] A second body is oriented such that the cube portion is disposed closer to the viewer than the parallelepiped portion, and such that the cube portion projects toward the viewer's left and the parallelepiped portion projects toward the viewer's right. The first and second bodies are disposed such that the side of the cube of the first body lies adjacent to and flush against the side of the parallelepiped of the second body, and the side of the cube of the second body lies adjacent to and flush against the side of the parallelepiped of the first body.

[0059] In other words, side portion **5.1** of the first body abuts side portion **5.2** of the second body, side portion **5.2** of the first body abuts side portion **5.1** of the second body, and side portion **6.2** of the first body abuts side portion **6.2** of the second body.

[0060] A third body is oriented such that the parallelepiped portion of the body is disposed above the cube portion of the body, and such that the parallelepiped projects toward the viewer. The third body is adjacent and flush against the cube portion of the first body and also adjacent and flush against

the parallelopided portion of the second body. The side portion **4.2** of the third body abuts the side portion **7.1** of the first body. The side portion **7.2** of the third body rests on top of the cube of the first body. The right side of the cube of the third body abuts side portion **5.1** of the parallelepiped of the second body.

[0061] A fourth body is oriented such that the parallelepiped portion of the body is disposed above the cube portion of the body, and such that the cube portion projects toward the viewer. The fourth body is adjacent and flush against the cube portion of the second body and also adjacent and flush against the parallelepiped portion of the first body. The side portion **4.2** of the fourth body abuts the side portion **7.1** of the second body. The side portion **7.2** of the fourth body rests on top of the cube of the second body. The left side of the cube of the fourth body abuts side portion **5.1** of the parallelepiped of the first body.

[0062] FIG. **13** shows a top view of the sculptural structure shown in FIG. **12**.

[0063] FIG. **14** shows another possible combination of four bodies of the present application. The first body is oriented such that the parallelepiped of the first body is disposed closer to the viewer and also such that the cube projects in the direction toward the viewer's left and the parallelepiped portion projects in the direction toward the viewer's right. The second body is oriented such that the cube portion of the second body is disposed closer to the viewer than the parallelepiped portion, and also such that the parallelepiped projects in the direction of the viewer's left and the cube portion projects in the direction of the viewer's right. The side portion **4.2** of the first body abuts the side portion **4.1** of the second body. The side portion **4.1** of the first body abuts the side portion **4.2** of the second body. The side portion **7.2** of the first body abuts the side portion **7.2** of the second body.

[0064] A third body is oriented such that the parallelepiped portion of the body is disposed above the cube and such that the parallelepiped portion projects toward the viewer. The cube of the third body is disposed behind the cube portion of the first body, that is, farther from the viewer than the cube portion of the first body, such that side **4.2** of the third body is adjacent and flush against side **7.1** of the cube of the first body and also such that surface **7.2** of the third body rests against the top of the cube of the first body. The side of the cube of the third body abuts side **4.1** of the second body.

[0065] A fourth body is oriented such that the parallelepiped portion of the body is disposed above the cube and such that the cube portion projects toward the viewer. The cube of the fourth body is disposed in front of the cube of the second body, that is, closer to the viewer than the cube of the second body, and also such that side portion **4.2** is adjacent and flush against the side portion **7.1** of the cube of the second body. The side portion **7.2** of the fourth body rests on top of the cube of the second body. The side of the cube of the fourth body is disposed adjacent and flush against the side portion **4.1** of the first body.

[0066] FIG. **15** shows a perspective view of a sculptural structure comprising six bodies of the present application.

[0067] The sculptural structure of FIG. **15** comprises a first body, which is oriented such that the cube is disposed above the parallelepiped and also such that the cube projects in the direction of the viewer's left. A second body is oriented such that the cube portion is disposed above the parallelepiped portion of the body, and such that the cube portion projects toward the viewer. The second body is disposed to the right of the first body by a distance of 1.5S.

[0068] A third body is oriented such that the cube portion is disposed above the parallelepiped portion of the body and also such that the cube portion projects away from the viewer. The third body is disposed behind the first body as seen by the viewer, with a distance of 0.5S between the plane of the first body and the parallelepiped portion of the third body. The third body is also disposed such that the third body lines up with the cube of the first body.

[0069] A fourth body is oriented such that the cube portion is disposed above the parallelepiped portion and also such that the cube portion projects in the direction of the viewer's right. The fourth body is disposed behind the second body as seen by the viewer, with a distance of 0.5S between the parallelepiped of the second body and the plane of the third body.

[0070] A fifth body is disposed transverse to the first and fourth bodies, such that the cube portion of the fifth body is disposed on the viewer's left side and the parallelepiped portion is disposed on the viewer's right. The fifth body is oriented such that the cube projects toward the viewer. The fifth body is disposed such that the side portion **7.1** of the fifth body is adjacent and flush against the side portion **4.2** of the first and also such that the cube of the fifth body rests atop the surface **7.2** of the first body. Further, the fifth body is disposed such that the parallelepiped of the fifth body rests atop the side portion **7.2** of the second body. The parallelepiped of the fifth body abuts the cube of the fourth body.

[0071] A sixth body is disposed transverse to the third and fourth bodies, such that the parallelepiped portion of the sixth body is disposed on the viewer's left side and the cube portion is disposed on the viewer's right. The sixth body is oriented such that the parallelepiped projects toward the viewer. The sixth body is disposed such that the side portion **5.1** is adjacent to and flush against the side portion **4.2** of the third body and also such that the parallelepiped of the sixth body rests atop the side surface **7.2** of the third body. Further the sixth body is disposed such that the side portion **7.1** of the sixth body is adjacent to and flush against the side surface **4.2** of the fourth body and such that the cube of the sixth body rests atop the side surface **7.2** of the fourth body. Further yet, the side portion **4.1** of the sixth body abuts the side portion **4.2** of the fifth body. The side portion **4.2** of the sixth body abuts the side portion **4.1** of the fifth body. The side portion **7.2** of the sixth body abuts the side portion **7.2** of the fifth body.

[0072] FIG. **16** shows a top view of the sculptural structure shown in FIG. **15**.

[0073] FIG. **17** shows a back view of the sculptural structure shown in FIG. **15**.

[0074] One feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in a method of manipulating a toy, which toy is able to form a vast number of configurations, said toy comprising: a plurality of bodies being configured to form said vast number of configurations; each of said bodies comprising a first portion and a second portion; said first portion comprising a cube shaped portion; said second portion comprising a parallelepiped, said parallelepiped comprising a homogeneous body made up of two cubes of the same size and formation as the cube of said first portion; said first portion and said second portion being connected together to form a single body; said first portion being

connected to said second portion such that one surface of said first portion connects to a square portion of said second portion; the connection between said first portion and said second portion including an overlap of half the area of one side of said one square surface posted first portion with half of the area of said one surface of said square portion of said second portion; each said body comprising a center of gravity which will permit said body to be balanced in a plurality of positions on a surface configured to support said toy; each of said bodies being configured to be balanced, on one of the surfaces configured to support said toy, on square surfaces of said body most distant from said connection between said first portion and said second portion and also a first rectangular surface distance from said connection between said first portion and said second portion; said method comprising: disposing a first of said bodies on said surface configured to support said toy; disposing a second of said bodies either on said surface configured to support said toy or on said first body or partially on said surface configured to support said toy and partially on said first of said bodies; continuing to place additional bodies on other bodies already put together and/or placing said additional bodies partially on said surface continued to support said toy and partially on at least one of said other bodies while maintaining said center of gravity such as to maintain stability of said toy being constructed or permitting the structure of said toy to at least partially collapse; changing the configuration of said at least partially assembled or unassembled toy and providing new configurations of said toy; learning how to maintain a stable or an at least partially stable structure of said toy on said surface configured to support said toy; and constructing a plurality of different configurations of said bodies.

[0075] Another feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in the method comprising bodies which each are handholdable and extend substantially between a portion of a hand where the fingers and the end of the palm distant from the fingers.

[0076] Yet another feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in the method wherein said bodies are not handholdable and substantially larger than being handholdable.

[0077] Still another feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in the method wherein said cubes are approximately one inch square along their square surfaces and two inches by one inch on their first rectangular surfaces.

[0078] A further feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in the method wherein said cubes at the surfaces being connected together have smaller, second, rectangular surfaces adjacent where said to parallelepipeds are connected together, which smaller, second, rectangular surfaces are approximately one half the area of the cubular portion of said first portion.

[0079] Another feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in the method wherein said cubes are approximately 1 foot along the square surfaces and 1 foot by 2 feet along their first rectangular surfaces and the areas of the surfaces adjacent said connection area which are also dimensioned in feet aligned with one another.

[0080] One feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in a method of manipulating and playing with a toy, which toy is able to form a vast number of configurations, said toy comprising: a plurality of bodies being configured to form said vast number of configurations; each of said bodies comprising a first portion and a second portion; said first portion comprising a substantially cube shaped portion; said second portion comprising a parallelepiped, said parallelepiped comprising a homogeneous body made up of at least two cubes of the substantially same size and substantially same formation as the cube of said first portion; said first portion and said second portion being connected together to form a single body; said first portion being connected to said second portion such that one surface of said first portion connects to a square portion of said second portion; the connection between said first portion and said second portion including an overlap of substantially half the area of one side of said one square surface posted first portion with half of the area of said one surface of said substantially square portion of said second portion; each said body comprising a center of gravity which will permit said body to be balanced in a plurality of positions on a surface configured to support said toy; each of said bodies being configured to be balanced, on one of the surfaces configured to support said toy, on square surfaces of said body most distant from said connection between said first portion and said second portion and also a first rectangular surface distance from said connection between said first portion and said second portion; said method comprising: disposing a first of said bodies on said surface configured to support said toy; disposing a second of said bodies either on said surface configured to support said toy or on said first body or partially on said surface configured to support said toy and partially on said first of said bodies; continuing to place additional bodies on other bodies already put together and/or placing said additional bodies partially on said surface continued to support said toy and partially on at least one of said other bodies while maintaining said center of gravity such as to maintain stability of said toy being constructed or permitting the structure of said toy to at least partially collapse; changing the configuration of said at least partially assembled or unassembled toy and providing new configurations of said toy; learning how to maintain a stable or an at least partially stable structure of said toy on said surface configured to support said toy; and constructing a plurality of different configurations of said bodies.

[0081] Yet another feature or aspect of an exemplification is believed at the time of the filing of this patent application to possibly reside broadly in the method wherein said cubes are approximately 1 foot along the square surfaces and approximately 1 foot by approximately 2 feet along their first rectangular surfaces and the areas of the surfaces adjacent said connection area which are also dimensioned in feet aligned with one another.

[0082] U.S. Provisional Patent Application No. 62/592,682, filed on Nov. 30, 2017, having inventor Howard W. Goldfarb, is hereby incorporated by reference herein, except for the exceptions indicated herein.

[0083] The following patents, patent applications, patent publications, and other documents are incorporated by reference herein, except for the exceptions indicated herein:

U.S. Pat. No. 9,475,340, having applicant David L. Osment, issued on Oct. 25, 2016; U.S. Patent Application No. 2016/0023096, having applicant Raymond Stanton, published on Jan. 28, 2016; U.S. Pat. No. 8,348,279, having inventor Peter Burton, issued on Jan. 8, 2013; U.S. Pat. No. 9,578,999, having applicant Robert Schwartz, issued on Feb. 28, 2017; U.S. Pat. No. 7,815,483, having inventor Linda Egendorf, issued on Oct. 19, 2010; U.S. Pat. No. 7,988,520, having inventor Perry C. Faanes, issued on Aug. 2, 2011; and U.S. Pat. No. 169,709, having inventor E. U. Kinsey, issued on Nov. 9, 1875.

[0084] The components disclosed in the patents, patent applications, patent publications, and other documents disclosed or incorporated by reference herein, may possibly be used in possible exemplifications of the present invention, as well as equivalents thereof.

[0085] The purpose of the statements about the technical field is generally to enable the Patent and Trademark Office and the public to determine quickly, from a cursory inspection, the nature of this patent application. The description of the technical field is believed, at the time of the filing of this patent application, to adequately describe the technical field of this patent application. However, the description of the technical field may not be completely applicable to the claims as originally filed in this patent application, as amended during prosecution of this patent application, and as ultimately allowed in any patent issuing from this patent application. Therefore, any statements made relating to the technical field are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0086] The appended drawings in their entirety, including all dimensions, proportions and/or shapes in at least one exemplification of the invention, are accurate and are hereby included by reference into this specification.

[0087] The background information is believed, at the time of the filing of this patent application, to adequately provide background information for this patent application. However, the background information may not be completely applicable to the claims as originally filed in this patent application, as amended during prosecution of this patent application, and as ultimately allowed in any patent issuing from this patent application. Therefore, any statements made relating to the background information are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0088] All, or substantially all, of the components and methods of the various exemplifications may be used with at least one exemplification or all of the exemplifications, if more than one exemplification is described herein.

[0089] The purpose of the statements about the object or objects is generally to enable the Patent and Trademark Office and the public to determine quickly, from a cursory inspection, the nature of this patent application. The description of the object or objects is believed, at the time of the filing of this patent application, to adequately describe the object or objects of this patent application. However, the description of the object or objects may not be completely applicable to the claims as originally filed in this patent application, as amended during prosecution of this patent application, and as ultimately allowed in any patent issuing from this patent application. Therefore, any statements made relating to the object or objects are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0090] All of the patents, patent applications, patent publications, and other documents cited herein, and in the Declaration attached hereto, are hereby incorporated by reference as if set forth in their entirety herein except for the exceptions indicated herein.

[0091] The summary is believed, at the time of the filing of this patent application, to adequately summarize this patent application. However, portions or all of the information contained in the summary may not be completely applicable to the claims as originally filed in this patent application, as amended during prosecution of this patent application, and as ultimately allowed in any patent issuing from this patent application. Therefore, any statements made relating to the summary are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0092] It will be understood that the examples of patents, patent applications, patent publications, and other documents which are included in this application and which are referred to in paragraphs which state "Some examples of . . . which may possibly be used in at least one possible exemplification of the present application . . . " may possibly not be used or useable in any one or more exemplifications of the application.

[0093] The sentence immediately above relates to patents, patent applications, patent publications, and other documents either incorporated by reference or not incorporated by reference.

[0094] All of the references and documents cited in any of the patents, patent applications, patent publications, and other documents cited herein, except for the exceptions indicated herein, are hereby incorporated by reference as if set forth in their entirety herein except for the exceptions indicated herein. All of the patents, patent applications, patent publications, and other documents cited herein, referred to in the immediately preceding sentence, include all of the patents, patent applications, patent publications, and other documents cited anywhere in the present application.

[0095] Words relating to the opinions and judgments of the author of all patents, patent applications, patent publications, and other documents cited herein and not directly relating to the technical details of the description of the exemplifications therein are not incorporated by reference.

[0096] The words all, always, absolutely, consistently, preferably, guarantee, particularly, constantly, ensure, necessarily, immediately, endlessly, avoid, exactly, continually, expediently, ideal, need, must, only, perpetual, precise, perfect, require, requisite, simultaneous, total, unavoidable, and unnecessary, or words substantially equivalent to the above-mentioned words in this sentence, when not used to describe technical features of one or more exemplifications of the patents, patent applications, patent publications, and other documents, are not considered to be incorporated by reference herein for any of the patents, patent applications, patent publications, and other documents cited herein.

[0097] The description of the exemplification or exemplifications is believed, at the time of the filing of this patent application, to adequately describe the exemplification or exemplifications of this patent application. However, portions of the description of the exemplification or exemplifications may not be completely applicable to the claims as

originally filed in this patent application, as amended during prosecution of this patent application, and as ultimately allowed in any patent issuing from this patent application. Therefore, any statements made relating to the exemplification or exemplifications are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0098] The details in the patents, patent applications, patent publications, and other documents cited herein may be considered to be incorporable, at applicant's option, into the claims during prosecution as further limitations in the claims to patentably distinguish any amended claims from any applied prior art.

[0099] The purpose of the title of this patent application is generally to enable the Patent and Trademark Office and the public to determine quickly, from a cursory inspection, the nature of this patent application.

[0100] The title is believed, at the time of the filing of this patent application, to adequately reflect the general nature of this patent application. However, the title may not be completely applicable to the technical field, the object or objects, the summary, the description of the exemplification or exemplifications, and the claims as originally filed in this patent application, as amended during prosecution of this patent application, and as ultimately allowed in any patent issuing from this patent application. Therefore, the title is not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0101] The abstract of the disclosure is submitted herewith as required by 37 C.F.R. § 1.72(b). As stated in 37 C.F.R. § 1.72(b):

> **[0102]** A brief abstract of the technical disclosure in the specification must commence on a separate sheet, preferably following the claims, under the heading "Abstract of the Disclosure." The purpose of the abstract is to enable the Patent and Trademark Office and the public generally to determine quickly from a cursory inspection the nature and gist of the technical disclosure. The abstract shall not be used for interpreting the scope of the claims.

Therefore, any statements made relating to the abstract are not intended to limit the claims in any manner and should not be interpreted as limiting the claims in any manner.

[0103] The exemplifications of the invention described herein above in the context of the preferred exemplifications are not to be taken as limiting the exemplifications of the invention to all of the provided details thereof, since modifications and variations thereof may be made without departing from the spirit and scope of the exemplifications of the invention.

1. A method of manipulating a toy, which toy is able to form a vast number of configurations, said toy comprising:

- a plurality of bodies being configured to form said vast number of configurations;
- each of said bodies comprising a first portion and a second portion;
- said first portion comprising a cube shaped portion;
- said second portion comprising a parallelepiped, said parallelepiped comprising a homogeneous body made up of two cubes of the same size and formation as the cube of said first portion;
- said first portion and said second portion being connected together to form a single body;
- said first portion being connected to said second portion such that one surface of said first portion connects to a square portion of said second portion;
- the connection between said first portion and said second portion including an overlap of half the area of one side of said one square surface of said first portion with half of the area of said one surface of said square portion of said second portion;
- each said body comprising a center of gravity which will permit said body to be balanced in a plurality of positions on a surface configured to support said toy;
- each of said bodies being configured to be balanced, on one of the surfaces configured to support said toy, on square surfaces of said body most distant from said connection between said first portion and said second portion and also a first rectangular surface distance from said connection between said first portion and said second portion;
- said method comprising:
  - disposing a first of said bodies on said surface configured to support said toy;
  - disposing a second of said bodies either on said surface configured to support said toy or on said first body or partially on said surface configured to support said toy and partially on said first of said bodies;
  - continuing to place additional bodies on other bodies already put together and/or placing said additional bodies partially on said surface continued to support said toy and partially on at least one of said other bodies while maintaining said center of gravity such as to maintain stability of said toy being constructed or permitting the structure of said toy to at least partially collapse;
  - changing the configuration of said at least partially assembled or unassembled toy and providing new configurations of said toy;
  - learning how to maintain a stable or an at least partially stable structure of said toy on said surface configured to support said toy; and
  - constructing a plurality of different configurations of said bodies.

2. Said method according to claim **1** comprising bodies which each are handholdable and extend substantially between a portion of a hand where the fingers and the end of the palm distant from the fingers.

3. The method according to claim **1** wherein said bodies are not handholdable and substantially larger than being handholdable.

4. The method according to claim **1** wherein said cubes are approximately one inch square along their square surfaces and two inches by one inch on their first rectangular surfaces.

5. The method according to claim **1** wherein said cubes at the surfaces being connected together have smaller, second, rectangular surfaces adjacent where said to parallelepipeds are connected together, which smaller, second, rectangular surfaces are approximately one half the area of the cubular portion of said first portion.

6. The method according to claim **1** wherein said cubes are approximately 1 foot along the square surfaces and 1 foot by 2 feet along their first rectangular surfaces and the areas of the surfaces adjacent said connection area which are also dimensioned in feet aligned with one another.

7. A method of manipulating and playing with a toy, which toy is able to form a vast number of configurations, said toy comprising:
- a plurality of bodies being configured to form said vast number of configurations;
- each of said bodies comprising a first portion and a second portion;
- said first portion comprising a substantially cube shaped portion;
- said second portion comprising a parallelepiped, said parallelepiped comprising a homogeneous body made up of at least two cubes of the substantially same size and substantially same formation as the cube of said first portion;
- said first portion and said second portion being connected together to form a single body;
- said first portion being connected to said second portion such that one surface of said first portion connects to a square portion of said second portion;
- the connection between said first portion and said second portion including an overlap of substantially half the area of one side of said one square surface of said first portion with half of the area of said one surface of said substantially square portion of said second portion;
- each said body comprising a center of gravity which will permit said body to be balanced in a plurality of positions on a surface configured to support said toy;
- each of said bodies being configured to be balanced, on one of the surfaces configured to support said toy, on square surfaces of said body most distant from said connection between said first portion and said second portion and also a first rectangular surface distance from said connection between said first portion and said second portion;
- said method comprising:
  - disposing a first of said bodies on said surface configured to support said toy;
  - disposing a second of said bodies either on said surface configured to support said toy or on said first body or partially on said surface configured to support said toy and partially on said first of said bodies;
  - continuing to place additional bodies on other bodies already put together and/or placing said additional bodies partially on said surface continued to support said toy and partially on at least one of said other bodies while maintaining said center of gravity such as to maintain stability of said toy being constructed or permitting the structure of said toy to at least partially collapse;
  - changing the configuration of said at least partially assembled or unassembled toy and providing new configurations of said toy;
  - learning how to maintain a stable or an at least partially stable structure of said toy on said surface configured to support said toy; and
  - constructing a plurality of different configurations of said bodies.

8. The method according to claim 7 wherein said cubes are approximately one inch square along their square surfaces and two inches by one inch on their first rectangular surfaces.

9. The method according to claim 8 wherein said bodies are not handholdable and substantially larger than being handholdable.

10. The method according to claim 8 comprising bodies which each are handholdable and extend substantially between a portion of a hand where the fingers and the end of the palm distant from the fingers.

11. The method according to claim 7 wherein said cubes at the surfaces being connected together have smaller, second, rectangular surfaces adjacent where said to parallelepipeds are connected together, which smaller, second, rectangular surfaces are approximately one half the area of the cubular portion of said first portion.

12. The method according to claim 7 wherein said cubes are approximately 1 foot along the square surfaces and 1 foot by 2 feet along their first rectangular surfaces and the areas of the surfaces adjacent said connection area which are also dimensioned in feet aligned with one another.

13. The method according to claim 11 wherein said cubes are approximately 1 foot along the square surfaces and approximately 1 foot by approximately 2 feet along their first rectangular surfaces and the areas of the surfaces adjacent said connection area which are also dimensioned in feet aligned with one another.

14. A toy configured to be manipulated to form a vast number of configurations, said toy comprising:
- a plurality of bodies being configured to form said vast number of configurations;
- each of said bodies comprising a first portion and a second portion;
- said first portion comprising a substantially cube shaped portion;
- said second portion comprising a parallelepiped, said parallelepiped comprising a homogeneous body made up of at least two cubes of the substantially same size and substantially same formation as the cube of said first portion;
- said first portion and said second portion being connected together to form a single body;
- said first portion being connected to said second portion such that one surface of said first portion connects to a square portion of said second portion;
- the connection between said first portion and said second portion including an overlap of substantially half the area of one side of said one square surface of said first portion with half of the area of said one surface of said substantially square portion of said second portion;
- each said body comprising a center of gravity which will permit said body to be balanced in a plurality of positions on a surface configured to support said toy; and
- each of said bodies being configured to be balanced, on one of the surfaces configured to support said toy, on square surfaces of said body most distant from said connection between said first portion and said second portion and also a first rectangular surface distance from said connection between said first portion and said second portion.

15. The toy according to claim 14, wherein:
- said first portion comprises an essentially cube shaped portion;
- said at least two cubes of said second portion are of essentially the same size and essentially the same formation as the cube of said first portion; and
- the overlap between said first portion and said second portion is essentially half the area of one side of said one square surface of said first portion with half of the

area of said one surface of said essentially square portion of said second portion.

16. The toy according to claim **14** wherein said cubes are approximately one inch square along their square surfaces and two inches by one inch on their first rectangular surfaces.

17. The toy according to claim **14** wherein said bodies are not handholdable and substantially larger than being handholdable.

18. The toy according to claim **14** comprising bodies which each are handholdable and extend substantially between a portion of a hand where the fingers and the end of the palm distant from the fingers.

19. The toy according to claim **14** wherein said cubes at the surfaces being connected together have smaller, second, rectangular surfaces adjacent where said to parallelepipeds are connected together, which smaller, second, rectangular surfaces are approximately one half the area of the cubular portion of said first portion.

20. The toy according to claim **14** wherein said cubes are approximately 1 foot along the square surfaces and 1 foot by 2 feet along their first rectangular surfaces and the areas of the surfaces adjacent said connection area which are also dimensioned in feet aligned with one another.

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