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7 Attorney for Plaintiff AIR DIMENSIONAL DESIGN, INC.

BY _____
CLERK U.S. DISTRICT COURT
CENTRAL DISTRICT OF CALIF.
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8 UNITED STATES DISTRICT COURT
9 CENTRAL DISTRICT OF CALIFORNIA

10 AIR DIMENSIONAL DESIGN, INC.,
11 a California corporation,
12 Plaintiff

13 vs.

14 HAPPY JUMP INC., a California
15 corporation; and ROUBIK AMIRIAN,
16 an individual,
17 Defendants

Case No.: **CV 12-5787** GAF (RJWx)

**COMPLAINT FOR
PATENT INFRINGEMENT
(U.S. Patent 6168657);
INDUCEMENT OF
INFRINGEMENT, 35 U.S.C. §
271(b)**

Jury Trial Requested

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19 **FIRST CAUSE OF ACTION: Patent Infringement of U.S. 6186857**

20 **JURISDICTION AND VENUE**

21 1. The action arises under the Patent Laws of the United States, United
22 States Code, Title 35 (a federal question type action), including but not limited to
23 Sec. 281, 283, 284, and 285; jurisdiction and venue are predicated upon the United
24 States Code, Title 28, Sec. 1338, 1391 and 1400. Venue is proper because the
25 Defendants reside in California, and upon information and belief, the Defendants

1 reside in this Court's district, and upon information and belief, the Defendants
2 have committed acts of infringement and have a regular and established place of
3 business within this Court's district; further, upon information and belief, a
4 substantial part of the events or omissions giving rise to the claim occurred in this
5 Court's district.

6 2. Plaintiff **AIR DIMENSIONAL DESIGN, INC.** (hereinafter "AirDD") is
7 a corporation organized under the existing laws of the State of California and has
8 an office and principal place of business at 7051-1/2 Vineland Avenue, North
9 Hollywood, CA 91605.

10 3. Upon information and belief, Defendant **HAPPY JUMP, INC.**,
11 (hereinafter "HJI"), is a corporation organized under the laws of California (CA
12 Entity No. C2223323) and has a business address at 7555 N. San Fernando Road,
13 Unit 6A, Burbank, CA 91505.

14 4. Upon information and belief, Defendant **ROUBIK AMIRIAN**, an
15 individual, is the president and agent for process for Defendant **HAPPY JUMP**
16 **INC.** and has a business address at 7555 N. San Fernando Road, Unit 6A, Burbank,
17 CA 91505.

18 5. On Feb. 13, 2001, United States Letters Patent No. 6186857 was duly and
19 legally issued to Plaintiff **AIR DIMENSIONAL DESIGN, INC.** as assignee from
20 inventors: Mr. **DORON GAZIT** and Mr. **ARIEH L. DRANGER**, for an invention
21 titled: "Apparatus and Method for Providing Undulating Figures." (EXH001 U.S.
22 Pat. 6186857).

23 6. Plaintiff is the owner of those Letters Patent since the issue date of the
24 U.S. Patent No. 6186857.

1 7. **PATENT INFRINGEMENT, 35 U.S.C. § 271:** Defendant has infringed
2 U.S. Patent No. 6186857 by making, selling, and using undulating figure products
3 embodying the patented invention, and will continue to do so unless enjoined by
4 this court; such infringement is willful and deliberate, notice of the existence of the
5 said patents having duly placed on all of Plaintiff's undulating figure products; the
6 infringement by defendants of said patents of Plaintiff has deprived Plaintiff of
7 sales and leases of its undulating figure products which it otherwise would have
8 made (directly or through an authorized licensee) and has in other respects injured
9 Plaintiff and will cause Plaintiff added injury and loss of profits unless enjoined by
10 this Court. (EXH002 -AirDD Notice Letter to HJI; EXH003,004 photos of HJI 2-
11 leg product and label).

12 8. Plaintiff has placed the required statutory notice on all undulating figures
13 manufactured and sold by it under said Letters Patent, and has given written notice
14 to Defendant of its said patent infringement. (EXH002).

15 9. **Unfair Competition:** Defendant HAPPY JUMP INC. has unfairly
16 competed with Plaintiff by copying patented features of Plaintiff's apparatus and
17 method for providing inflated undulating figures and by otherwise causing
18 customer confusion, all of which practices already have resulted in serious injury
19 to Plaintiff's business position, reputation, and good will, and will result in
20 irreparable injury to Plaintiff unless enjoined by this Court.

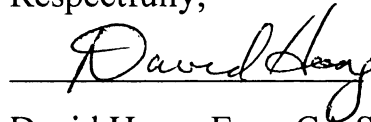
21 10. **INDUCEMENT OF INFRINGEMENT, 35 U.S.C. § 271(b):** Upon
22 information and belief, both Defendants HJI and its president Mr. AMIRIAN had
23 knowledge of U.S. Patent No. 6186857; as a corporate officer and President of HJI,
24 Defendant AMIRIAN has actively assisted with said patent infringement by HJI,
25 has knowingly induced said patent infringement by HJI. and has possessed the

1 specific intent to encourage said infringement of U.S. Patent No. 6186857 by HJI.
2 Upon information and belief, Defendant AMIRIAN knew or acted with willful
3 blindness that his actions would induce actual infringement by HJI.

4 11. WHEREFORE, Plaintiff AIR DIMENSIONAL DESIGN, INC. prays
5 and demands an injunction against infringement, an accounting and an award for
6 damages in excess of \$75,000 USD (Title 35, United States Code Sec. 284
7 (damages) and Sec. 285(attorney fees)), and an assessment of interest and costs
8 against all Defendants; that all Defendants be compelled to pay Plaintiff punitive
9 damages (35 USC 284) in excess of \$225,000 USD; and for such other and further
10 relief as may be just and equitable.

11 Dated: 7/3/2012

Respectfully,

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13 David Hong, Esq., CA SBN 195795

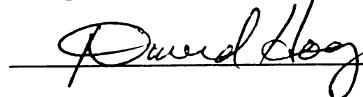
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JURY TRIAL REQUESTED

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2 1. Plaintiff respectfully requests a jury trial pursuant to FRCP 38.

3 Dated: 7/3/2012

Respectfully,

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5 David Hong, Esq., CA SBN 195795

6 Attorney for Plaintiff
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US006186857B1

(12) **United States Patent**
Gazit et al.

(10) **Patent No.:** US 6,186,857 B1
(45) **Date of Patent:** Feb. 13, 2001

(54) **APPARATUS AND METHOD FOR PROVIDING INFLATED UNDULATING FIGURES**

5,467,543 * 11/1995 Fink et al. 40/538

OTHER PUBLICATIONS

Brochure entitled "Vertitubes".

* cited by examiner

Primary Examiner—Jacob K. Ackun

Assistant Examiner—Kevin Hughes

(74) *Attorney, Agent, or Firm*—Ashen & Lippman

(76) **Inventors:** **Doron Gazit**, 3636 Military Ave., Los Angeles, CA (US) 90034; **Arieh Leon Dranger**, 6427 San Vicente Blvd., Los Angeles, CA (US) 90048

(*) **Notice:** Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.

(57) **ABSTRACT**

Apparatus and method for providing a dynamic gas-inflated object such as a figure with legs, a torso and head, and a pair of arms. The figure performs generally repetitive movements such as dance-like undulations in a manner that appears to keep time with music. The figure is hollow and connected to a continuous generally constant input flow of air or other gas under pressure. The figure is provided with at least two spaced-apart outlets or vents to allow a continuous discharge of generally all of the air being introduced into the figure. In operation, the figure tends to cycle between extending generally upright, then, as more air is discharged, destabilizing and moving to a contorted or bent position, then, as more air flows in, to extending, etc. The figure may be designed for extensive movement e.g., dancing, or for a narrower range of movements. In a preferred form, the outlets are generally at the top of the head and at the ends of the arms. The dynamic figure movement is a result of the continuous generally constant input gas flow and does not depend upon any intentional intervention.

(21) **Appl. No.:** 09/225,787

(22) **Filed:** Jan. 5, 1999

Related U.S. Application Data

(63) Continuation-in-part of application No. PCT/US97/12929, filed on Jul. 3, 1997.

(60) Provisional application No. 60/021,671, filed on Jul. 5, 1996.

(51) **Int. Cl.**⁷ G09F 19/08; A63H 3/06

(52) **U.S. Cl.** 446/226; 446/176; 446/178; 446/179; 446/199; 40/406; 40/412; 40/439

(58) **Field of Search** 446/176, 178, 446/179, 199, 201, 205, 210, 220, 226; D10/19; 40/406, 412, 439

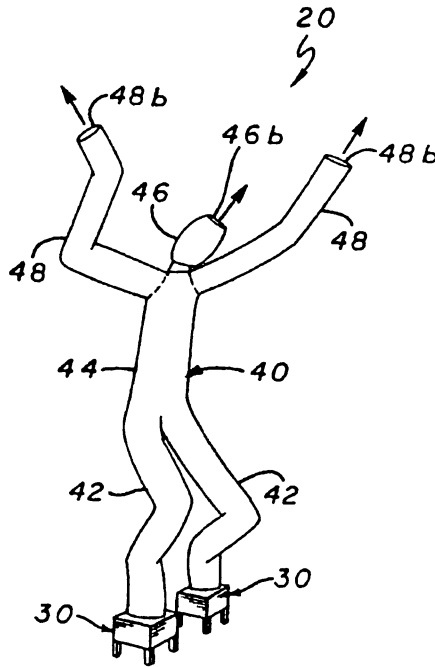
(56) **References Cited**

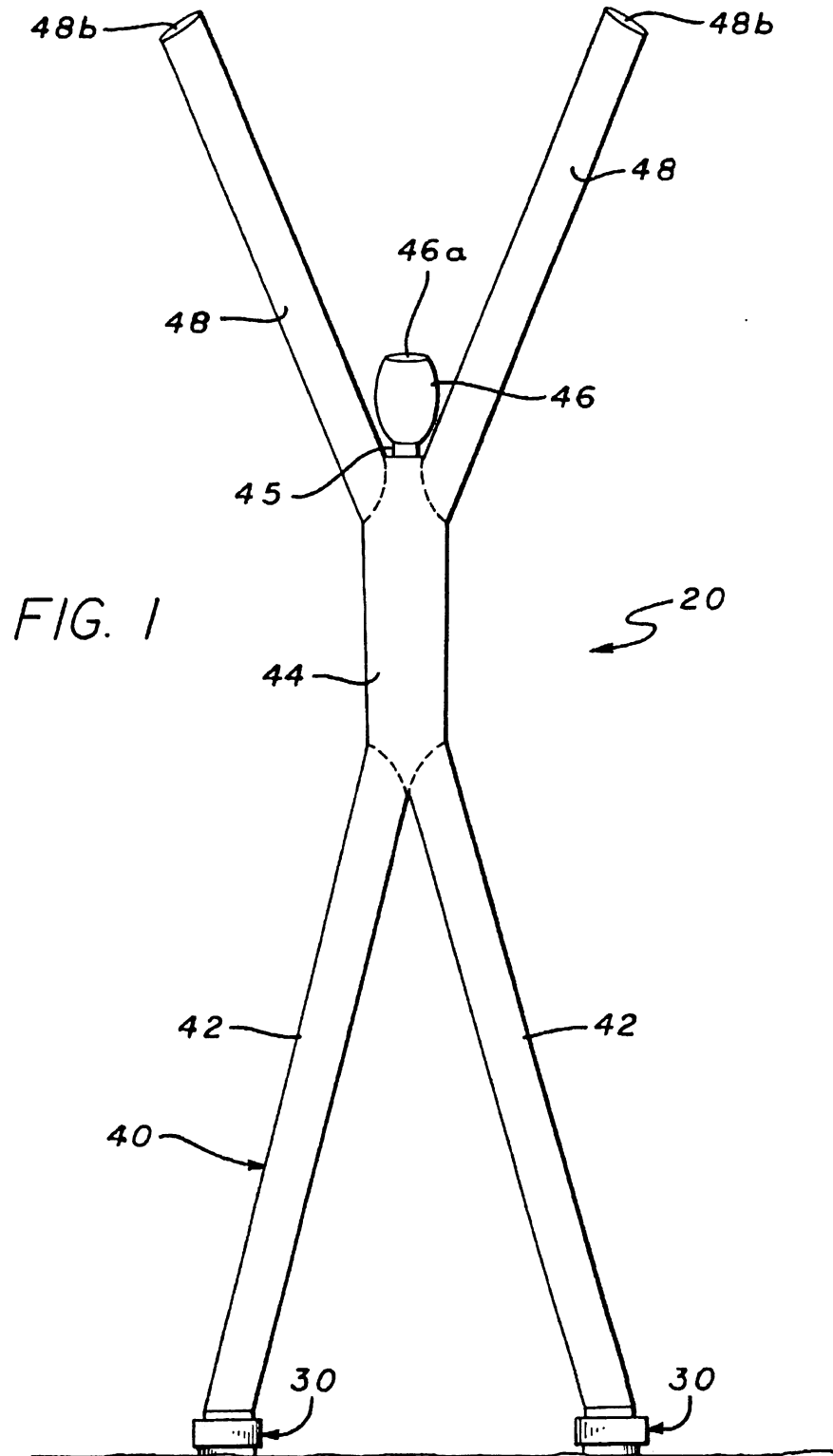
U.S. PATENT DOCUMENTS

3,346,978 * 10/1967 Letsinger .

5,186,675 * 2/1993 Stoddard 446/199

33 Claims, 8 Drawing Sheets





U.S. Patent

Feb. 13, 2001

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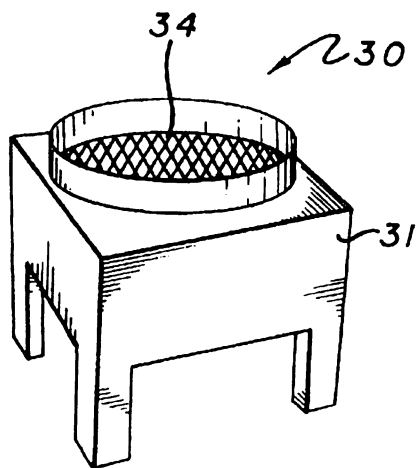


FIG. 1A

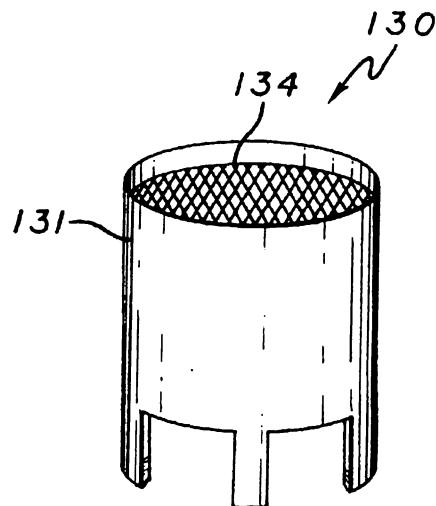


FIG. 1B

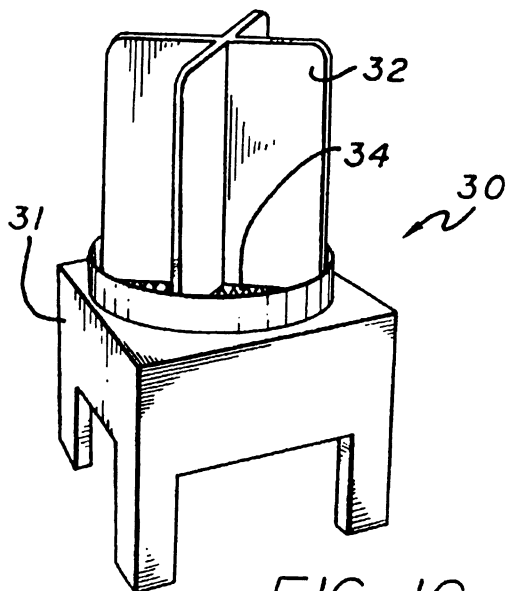


FIG. 1C

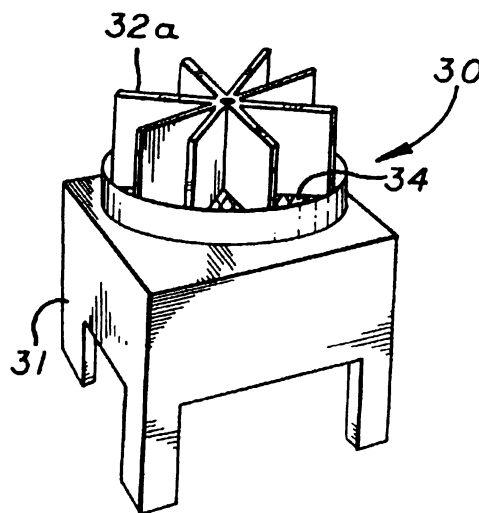


FIG. 1D

FIG. 2

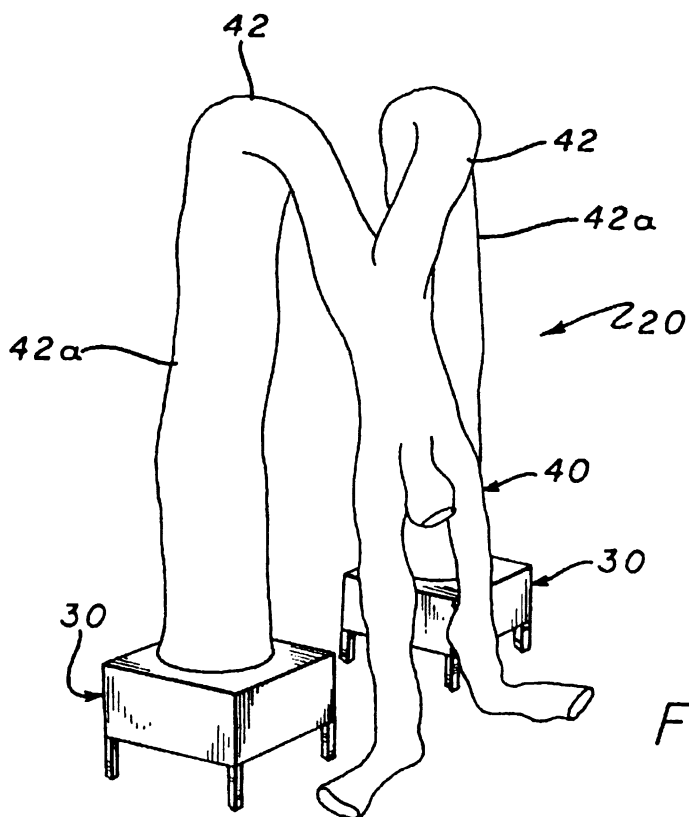
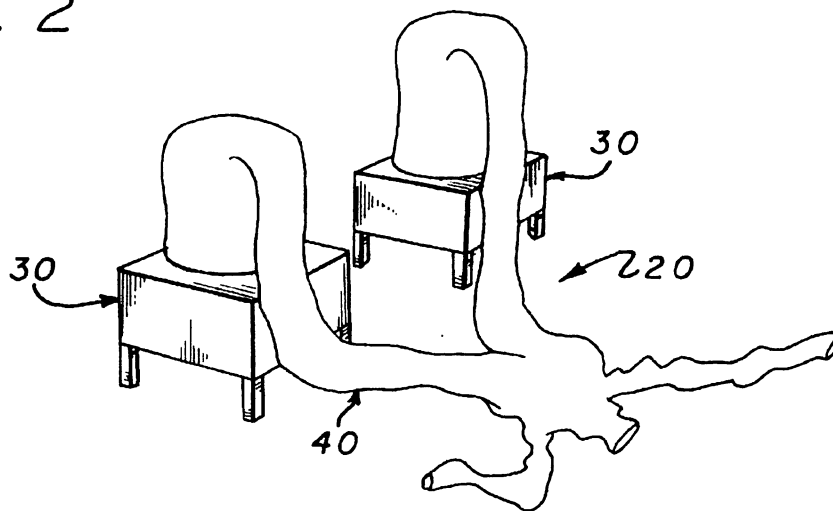


FIG. 3

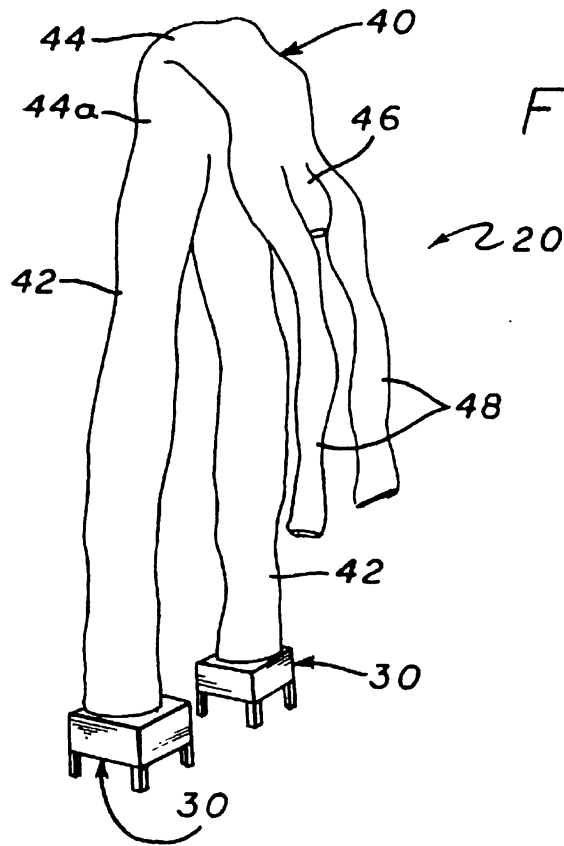


FIG. 4

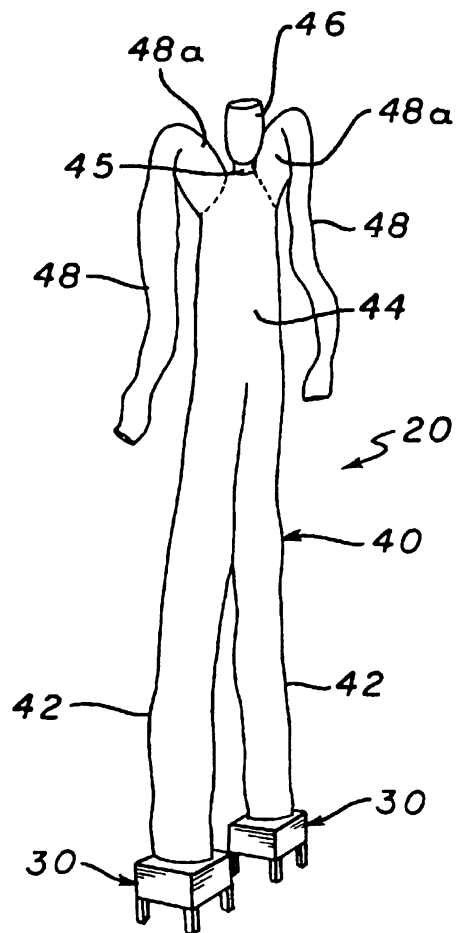


FIG. 5

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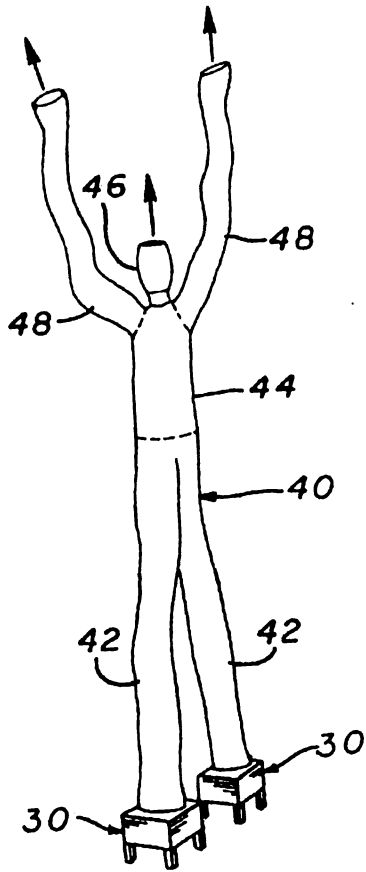


FIG. 6A

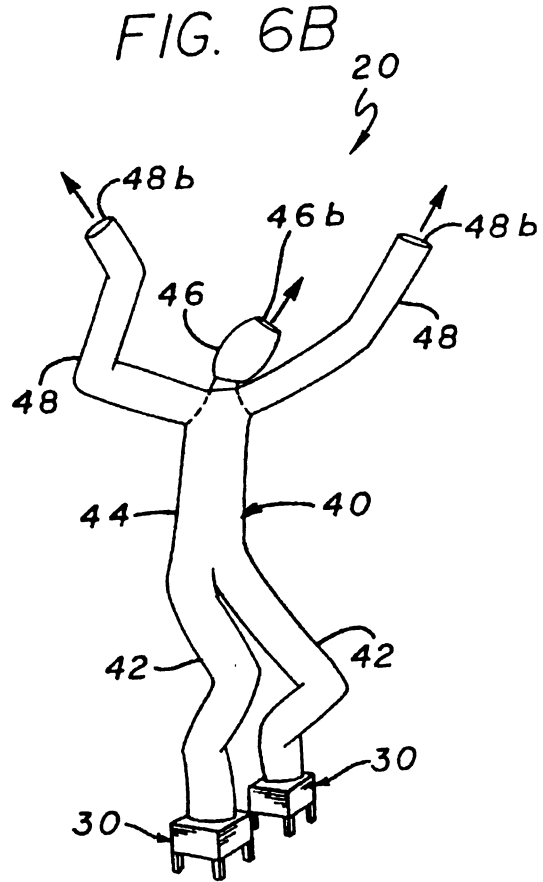


FIG. 6B

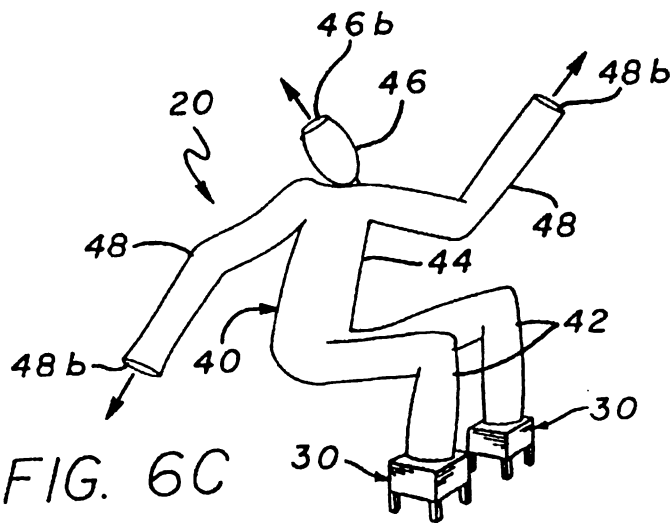


FIG. 6C

FIG. 6D

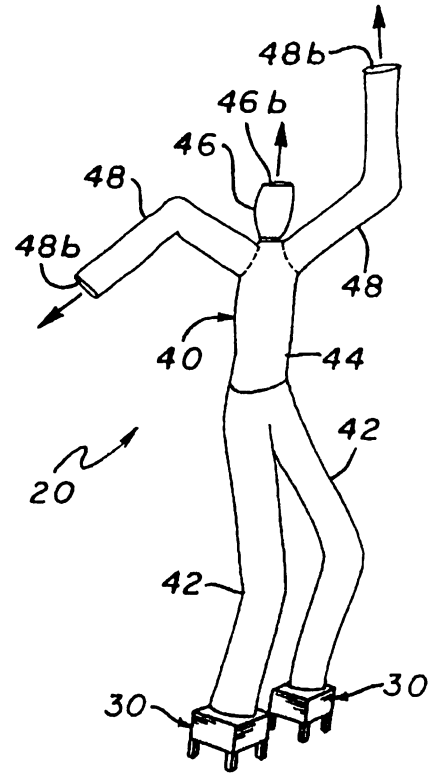
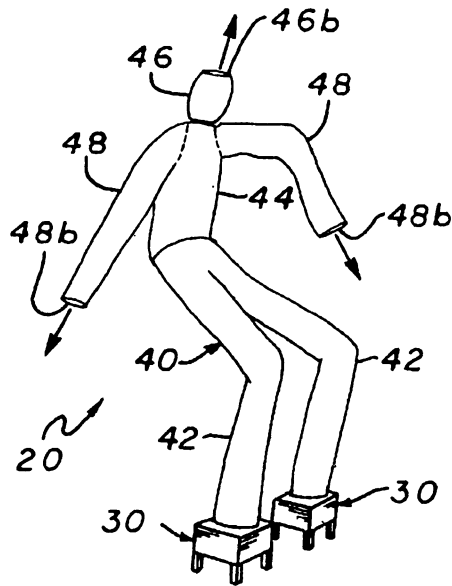


FIG. 6E

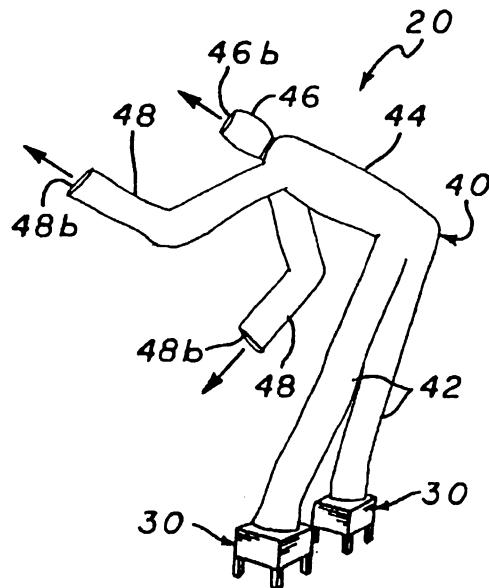
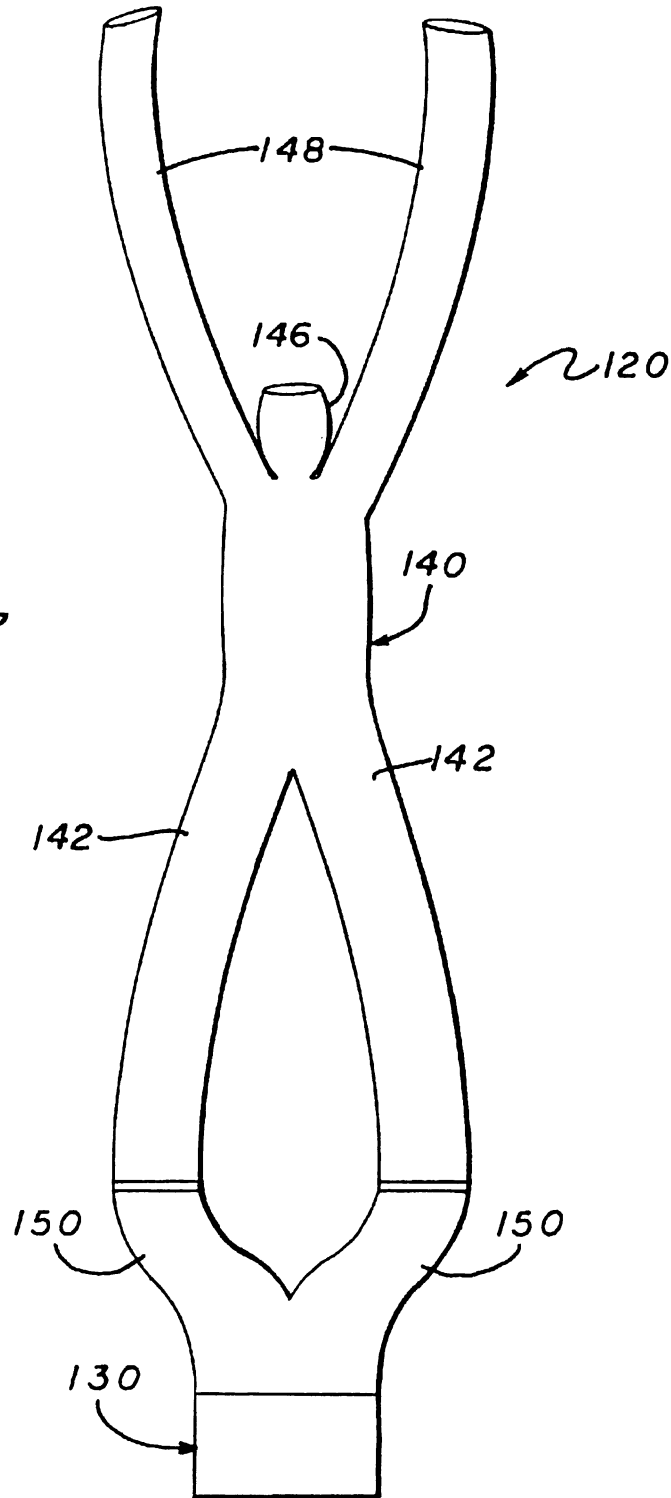
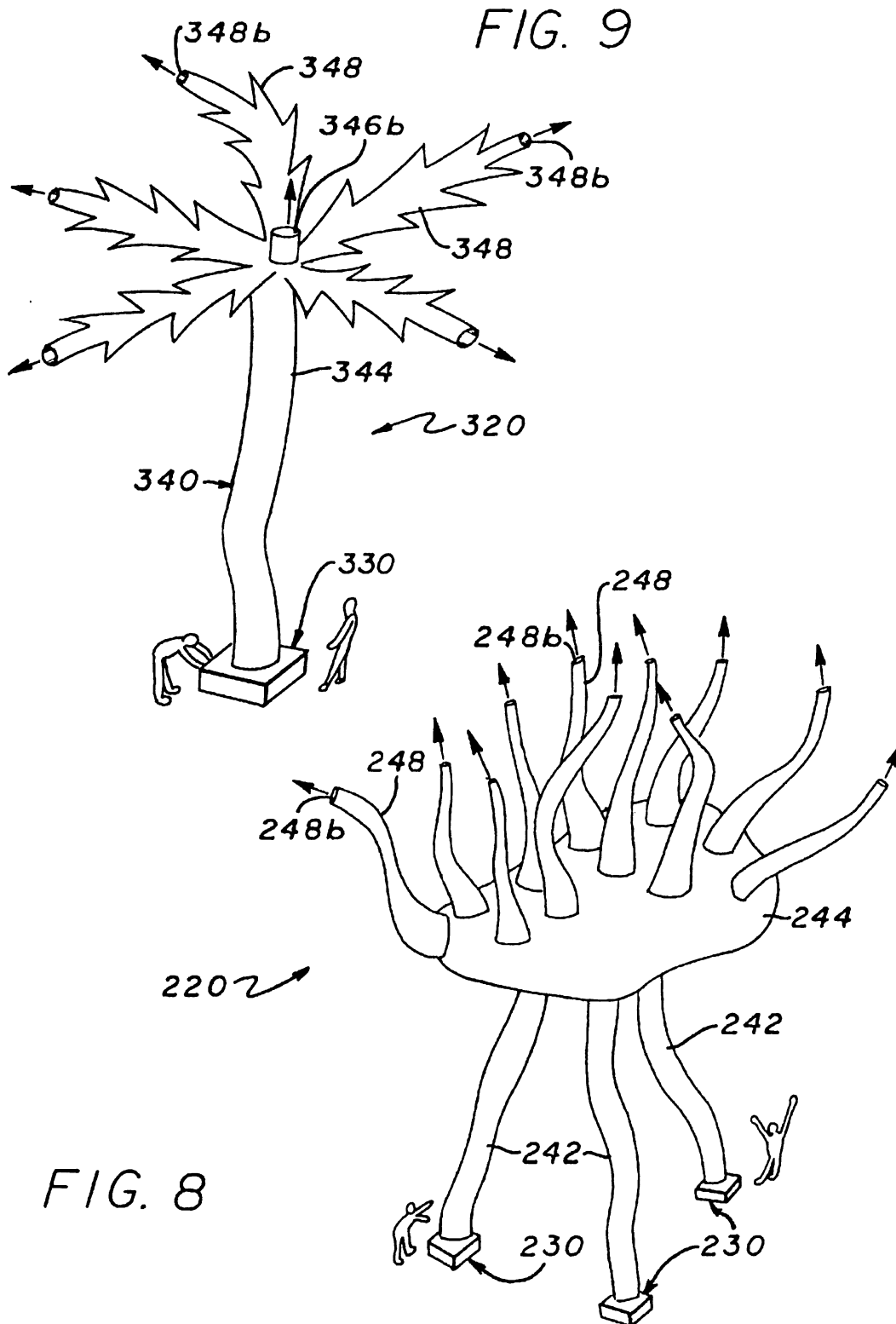


FIG. 6F

FIG. 7





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APPARATUS AND METHOD FOR PROVIDING INFLATED UNDULATING FIGURES

RELATED APPLICATIONS

This application is a Continuation-in-Part of prior U.S. Provisional Patent Application No. 60/021,671 filed on Jul. 5, 1996, and of prior PCT Application No. PCT/US97/12929, filed on Jul. 3, 1997, and claims the benefit of said prior applications.

FIELD OF THE INVENTION

Dynamically inflatable decorative devices which provide their own cyclical movement.

BACKGROUND OF THE INVENTION

There is a long history of the use of inflatable objects, particularly in the form of static figures to provide visual displays. Often such figures depicted human, animal or humanoid characters that might be utilized at openings or events or at places such as amusement parks. Such inflatable figures provided an easy and economical way to provide relatively large figures which could be deflated for easy shipment and storage.

Such figures might be mounted or supported in such a way that desired movement might be imparted to the figure as for example by attached guide wires or by fan-produced transverse wind currents. They did not have the inherent ability within themselves to provide movement.

Similarly, applicant and others have provided large decorative displays in the form of arrays or inflatable colored tubing arranged and supported in a variety of configurations on buildings or similar large structures.

One relatively recent development has been a product known as the "Vertitube" which essentially comprises a single upright inflatable tube which is secured at its lower end to an air blower or pump. The tube is open at its upper end so that air pumped in to the lower end is discharged through the open upper end. In operation, as the tube inflates and extends upwardly, various destabilizing forces act on the tube, including forces of gravity, shifts in dynamic and static pressure produced by the air flow into and out of the tube, external wind currents, etc. These combined forces tend to cause the upwardly extended tube to bend or deform temporarily. Such deformation, and the resultant increase in internal static pressure, primarily in the upward direction, tend to return the tube to its upright extended position, where it is again subject to the destabilizing forces. Such tubes tend to provide random or apparently random cycling movement between the extended position and a destabilized bent or deformed position. Because of the simple structure of this tube the cycle of movement tends to be generally simple and repetitive, and therefore of somewhat limited variety and interest.

U.S. Pat. No. 5,186,675 to STODDARD discloses an inflatable balloon mountable over an air vent and operable to (I) be inflated by air from the vent, and (II) to collapse when air from the vent stops. It depicts, in its main embodiment, an inflatable ghost figure with a body, a head, and a pair of arms that extend generally outwardly to the sides. There are a series of small "exhaust ports 18" that are disposed along the underside of each arm 14. The primary stated function of these small ports is to "direct air flow over streamers 17 to cause them to move" (column 4 lines 30-31). This reference patent also refers to the ports allowing "a portion of the

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entering air in the balloon to escape causing the balloon to shimmer and move" (claim 2 and Column 2, line 17). This prior art reference does not teach creating continuous and automatic repetitive bending and unbending of the figure in response to a continuous flow of gas into and out of the figure without intentional intervention. As noted above there is intentional intervention, i.e., turning the gas flow on and off so that it is not continuous. Even while the flow is on, there is only a "partial" release through the ports and no resultant bending.

U.S. Pat. No. 2,348,250 to GARDNER shows a an animated inflatable display figure that is made to move by intentionally changing the air pressure in the figure through a cam and valve arrangement.

U.S. Pat. No. 3,346,978 to LETSINGER shows an inflatable advertising device which is "air supported", i.e., intended to inflate and stay up. The inflated device has a small opening at the top for emission of colored "smoke" and to allow lamp heat to be dissipated. Thus, this reference does not disclose an inflatable object that moves as by extending and bending, and does not teach the use of a central opening or openings to implement or contribute to such movement.

SUMMARY OF THE ILLUSTRATED APPARATUS AND METHOD

In the presently preferred illustrated form, the apparatus includes an inflatable bendable figure that, in response to a continuous generally constant input flow of gas in a generally outward direction into the figure and without intentional intervention, inflates to a generally outwardly extended position and that automatically and continuously performs a generally repetitive cycle of movements between the extended position and at least one bent position.

As used in this application a "generally constant input flow of gas" means that there is an input source that provides a gas flow that is generally fixed or constant in terms of what the source itself provides to the object or figure, without regard to how that flow may be altered by the interaction of the flow with the object. For example, as described in detail below, the structure of the figure cooperates with the flow so that periodically a shift between static and dynamic pressure in the expanded figure allows the figure to bend, which results in a buildup of static pressure that temporarily reduces flow through the figure.

As used in this application, flow "without intentional intervention" means without action by the user or any control mechanism aside from the direct response of the apparatus to the flow. There is no change made by the user or a control mechanism to the flow into or out of the figure, as distinguished from any change in flow through the figure which results from the interaction between flow and figure such as just described above. The volume, pressure, etc. of input flow into or out of the figure is not changed or adjusted as by a valves or other means manually controlled by the operator or automatically controlled as by a timer or sensing control mechanism. There are no mechanical or physical members, lines, etc. attached to the figure to alter its movement. Unintentional forces such as a wind may impact figure movement, but that is not intentional intervention. In other words, the flow is introduced into the figure, and the operator and the apparatus, in effect, stand back and let the flow and figure simply interact and produce figure movement as they will.

The illustrated figure has a pair spaced apart legs, a torso, a head and a pair of outwardly and upwardly extending

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arms. Vents or outlets are provided at a plurality of spaced apart locations, preferably at the top of the head and at the ends of the arms, allowing for the continuous release of generally all of the gas being introduced into the figure. The outlets not only provide the outflow from the inflated figure, but the configuration and location of the outlets determines the magnitude and direction of reactive destabilizing forces produced by outflow from the outlets. This helps define and determine the particular movement pattern for the undulating inflated figure. Thus, the multiplicity of outlet vents, their locations, and the addition of ancillary sections of the figure provided by the arms produces a much more complex and sophisticated pattern of movement of the figure.

Preferably, the outlets provide a release of gas generally symmetrically with reference to the torso central axis. While it is desirable to have this symmetrical release of gas, the ancillary sections need not be symmetrical to achieve this result. For example, a figure might have one arm on one side with one large outlet and a plurality of arms on the other side with a plurality of small outlets.

For many applications, the extended object will be generally upright. This arrangement is simple and effective. On some occasions however, it may be desired that the object extend at an incline from the vertical. This could be done for visual aesthetic purposes or might simply be the convenient result of using the apparatus on an inclined surface such as a hillside.

Music may be provided to create the impression that the figure is dancing to the music. While the movement of the figure is random or apparently random, normally the illusion is nevertheless created that the figure is in fact dancing in the rhythm to the music. Similarly lighting, particularly intermittent or strobe type lighting, may also be provided to enhance the overall effect.

In the preferred form of illustrated apparatus and method, a pair of fans are provided, each connected to the lower end of one of the legs of the figure. The fans provide a generally constant or fixed input airflow, which may be adjustable to different constant flow levels to accommodate different figures and different environmental conditions such as ambient wind.

Alternately, a single fan may be provided with a bifurcated outflow, with each outflow going to one of the legs. Similarly the figure might be provided with a single structural leg connected to a single fan.

IN THE DRAWINGS

FIG. 1 is a schematic front view of an apparatus that embodies a presently preferred form of the invention and incorporates a gas-inflated object.

FIG. 1A is a schematic perspective view of a typical fan of the apparatus of FIG. 1 mounted in a support box.

FIG. 1B is a schematic perspective view of a modified form of fan having a barrel-shaped housing.

FIG. 1C is a schematic perspective view of the fan and support box of FIG. 1A with a tall set of spoilers mounted at the fan outlet.

FIG. 1D is like FIG. 1C but with a short set of spoilers.

FIG. 2 is a schematic perspective view of the apparatus of FIG. 1 in it's fully deflated condition with the fans off.

FIGS. 3, 4, 5 and 6A are a series of schematic perspective views of the apparatus of FIG. 1 in a progressively further inflated conditions.

FIGS. 6B through 6F are a series of schematic perspective views of the apparatus of FIG. 1 illustrating a typical series of movements by the inflated figure.

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FIG. 7 is a schematic perspective view of a modified embodiment of the apparatus of the invention, having a single fan with a bifurcated output.

FIG. 8 is another modified embodiment having three legs and a large number of ancillary sections.

FIG. 9 is a still further modified embodiment of the invention depicting a palm tree.

DETAILED DESCRIPTION OF THE DRAWINGS

FIGS. 1-6 illustrate a presently preferred embodiment 20 of the present invention

As noted above, in general, the illustrated apparatus 20 includes a pair of fans 30 and an inflatable bendable figure 40 that includes a spaced apart pair of leg sections 42, a torso section 44, a head section 46, and a pair of arm sections 48. All of the figure sections are in fluid communication with one another. The figure 40 is desirably made from an ultra-light, thin, generally non-porous, non-expandable tear-resistant fabric or sheet material that is sewn or otherwise formed into tubular sections that are connected together to form the full figure.

FIG. 1 shows the figure 40 in a hypothetical fully-extended fully-inflated condition wherein each of the leg sections 42 extends upwardly and inwardly from one of the fans 30, to where the leg sections join the lower end of the torso section 44. The torso section 44 then extends upwardly to where it joins with the lower end of a neck section 45. The upper end of the neck section 45 connects to the lower end of a head section 46. The torso section 44 also connects to the lower inward ends of the arm sections 48. The head section 46 extends upwardly, with the arm sections 48 extending upwardly and outwardly in either direction in a generally symmetrical manner. The lower ends of the leg sections 42 are connected to and in fluid communication with the air fans 30, which are spaced-apart a substantial distance to provide stability to the inflated figure 40.

The illustrated head section 46 is open to the ambient atmosphere at its upper end to provide an air vent or outlet 46a. Each of the arm sections 48 is also open to the ambient atmosphere at its outer end to provide an air vent 48b.

It will be noted that to provide an extensive or wide range of movement, the arm sections 48 and leg sections 42 of the figure 40 can be designed so that they are longer and out of proportion to the length of the torso section 44 when compared to the normal proportioning of a human torso. If such extensive or exaggerated movement of the figure 40 is desired, such proportioning will produce exaggerated bending and movement of the arm and leg sections. The arrangement and proportioning of the elements of the figures could be modified to vary the range of movements, as for example to produce a lesser range of movements.

DESCRIPTION OF A WORKING PROTOTYPE MODEL

Following is a detailed description of a typical working prototype model which embodies the preferred form of the apparatus and method, and which has performed satisfactorily.

A pair of high capacity commercial exhaust air fans: The details to the fan are determined by the size and shape of the dynamic figure. For the configuration of the figure described below, fans with the following specifications operated successfully:

Blade Diameter: 24"

Air Delivery: +/-7,000 CFM with free air

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RPM: 1,750
 HP: ¾
 Voltage: 100 A.C.

The illustrated fans 30 are each mounted in a support housing or casing 31 such as shown in FIG. 1A with the fan outlet 34 facing upwardly. In the prototype, each fan had the following general dimensions:

	ABOUT
Height:	33"
Width:	29"
Depth:	29"
Clearance from ground:	14"
Air outlet:	26"
Spoiler:	6"

In order to reduce undesirable turbulent air flow, a multi-section spoiler 32 may be mounted at the outlet 34 of each of the fans 30 as shown in FIG. 1C. The spoiler may be omitted if desired.

The prototype figure with the following specifications performed satisfactorily:

Fabric:
 Ultra-light nylon or polyester

Typical weight is between about 0.5 to about 1.5 oz per square-yard

Strong rip-stop Near zero porosity, water repellent finish
 Dimensional Characteristics of figure: Very good overall movement and stability was achieved with the following approximate dimensions for a figure having a height of about 60 feet and receiving a combined total air flow of about 14,000 CFM, generated by both fans:

	Approximate Diameter (Inches)	Approximate Length (Inches) (Feet)	Approximate Cross Section (Square-inches)
Leg section:	24.00"	312.00" (26')	904.32 Sq-in (Both)
Torso section:	32.00"	120.00" (10')	803.84 Sq-in
Arm section:	18.00" (outlet)	264.00" (22')	508.68 Sq-in (Both)
Head section:		33.00" (2.75')	
Top:	16.00" (outlet)		200.96 Sq-in
Middle:	25.00"		490.63 Sq-in
Neck section:	15.00"	15.00" (1.25')	

Applicant believes that these dimensions may be varied somewhat, as for example, by about 10 to about 15 percent, plus or minus, and that the figure will still provide good performance.

Certain dimensional relationships appear to be significant for good performance.

To achieve an extended range of bending movement, it is desirable that the combined cross section of the two leg sections be larger than the cross-section of the torso section. In this prototype the combined cross-section of the leg sections is about 900 square inches, while the torso cross-section is about 800 square inches.

This concept of progressively reducing the cross-section as you proceed upwardly along the figure must be balanced with the need to allow flexibility in the movement of the arm sections. In other words, too greatly reduced cross-section or constriction of the arm sections would limit their ability to flex and bend as desired. Nevertheless, in this prototype, good results were achieved with the combined cross-sections of air outlets of the head section and the two arm

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sections, being about 700 square inches versus the torso cross-section of about 800 square inches. If less movement is desired, the legs could be made shorter or other components could be varied.

With regard to relative lengths, in this prototype the leg and arm sections are each about twice the length of the torso section. This facilitated the desired flexing of arm and leg sections. At the same time, it is desirable that the proportioning of the figure still provide an esthetically pleasing appearance.

Air vent adjustments: In order to achieve proper balance in the alternating mode of dominating static and dynamic air pressure, the air vents can be adjusted for direction and air flow capacity. Based on the previously described dimensions of the dynamic figure the following results are being obtained:

In the head section: The single air vent at the top of the head section was about 16 inches in diameter. Reducing the diameter of that air vent destabilized the prototype model figure, with a resulting effect characterized by the leaning forward of the figure and lack of strength to straighten-up in full upright position. The opposite effect occurred when the top head air vent was made larger, resulting in lack of desired cyclical movement with the prototype model figure standing generally straight up, yet, prone to bending in the direction of blowing wind gusts.

In the arm sections: The angular direction, length, and air vent openings of the arm sections are important characteristics, which contribute to the overall performance of the dynamic figure:

Direction: Good performance angles of the longitudinal axis of each arm section, as measured from an upward extension of the vertical axis of the dynamic prototype figure, range between about 5 to about 30 degrees. The arm section orientation is symmetrical in all three axis. For angles of less than about 5 degrees, the figure tended to be pushed forcefully downwards when reaching upright position, with arm sections almost straight up. For angles exceeding about 30 degrees, the motion of the figure tended to often move sideways with little upward motion.

Length: In the present configuration, good performance, as well as esthetic look, is achieved with arm sections about 18 feet in length. Longer arm sections tend to slow down the motion, while shorter ones induce the opposite effect.

Air vent diameter: A vent diameter of the arm sections of about 18" seemed to maintain sufficient static pressure to maintain generally full volume of the torso and arm sections as well as sufficient dynamic pressure needed for desired movement.

In order to secure the leg sections of the figure to the air fans, various connecting means such as metal rings or velcro straps may be used. By way of example, in the working prototype, metal rings, each with a diameter of about 27 inches, were sewn into the lower end of each leg section. These enabled easy connection. Typically the figure was folded in an accordion fold, with the top up. The metal rings were pulled out and each one pulled over one of the air vents or baffles of one of the air fan units. The connections desirable provide general air tight fits between the fans and the figure.

Applicant's have also created a generally half size working prototype figure about 30 feet high, which provided good

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overall movement and stability. That figure had the following approximate dimensions:

	Approximate Diameter (Inches)	Approximate Length (Inches) (Feet)	Approximate Cross Section (Square-inches)
Leg section:	15.00*	155.00* (13')	353.25 Sq-in (Both)
Torso section:	21.00*	70.00* (5.75')	346.19 Sq-in
Arm section (outlet)	11.25*	130.00* (10.75')	198.70 Sq-in (Both)
Head section:		17.50* (1.50')	
Top (outlet):	10.00*		78.50 Sq-in
Middle:	15.70*		193.49 Sq-in
Neck section:	10.00*	10.00* (.75')	

OPERATION OF THE PREFERRED EMBODIMENT

FIGS. 2 through 6A illustrate in sequential detail the initial inflation of the figure 40.

FIG. 2 shows the fully deflated figure 40 connected at the lower ends of its leg sections 42 to the pair of spaced apart fans 30. The fans 30 are off.

FIG. 3 illustrates the condition when the fans 30 begin to provide a generally constant input flow of air under pressure into the lower portions 42a of the leg sections 42. This flow is in an outward direction into the figure. The figure is beginning to extend in that outward direction. It will continue to extend in that outward direction until it reaches its extended position as described below. The apparatus 20 is illustrated with the outward direction being generally vertical or upright, as noted above. This orientation is desirable but not necessary in all cases.

FIG. 4 shows continued inflation of the figure 40 where it is generally inflated up past the waist into the lower portion 44a of the torso section 44, but not yet into the upper portion of the torso section or into the head or arm sections 46, 48.

FIG. 5 shows yet further inflation of the figure 40 which has extended through leg sections 42 and the torso section 44, and into the head section 46 and the inward portions 48a of the arm sections 48.

FIG. 6A shows a schematic generally idealized inflation of the full figure 40 with all of the sections extending generally upwardly toward the sky, and just beginning to move.

FIGS. 6B through 6F show a sequential series of schematic views of the figure 40 as it goes through a representative series of cyclical movements typical of the operation of the preferred embodiment apparatus.

More particularly, in FIG. 6B, the figure 40 has begun to destabilize and collapse by virtue of gravity, the loss of internal static pressure from discharge of air through the outlets 46b, 48b in the head and arm sections 46, 48, the reactive forces from the air discharge through those outlets, and possible additional forces such as external wind, somewhat non-symmetrical distribution of the portions and thus the weight of the figure, etc. As shown in FIG. 6B, this has caused bending of the leg sections 42 outwardly as well as certain bending of the arm sections 48. Note the non-symmetrical bending of the arm and leg sections which adds a lifelike appearance to the motion of the figure 40.

In FIG. 6C the figure 40 has further destabilized and collapsed, and in particular has produced a deep knee bend and lowering of the torso section 44. This tends to block air flow through the figure and to build up primarily upwardly directed internal static pressure.

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In FIG. 6D the primarily upwardly directed increased static pressure has pushed the figure 40 back up. This upward movement is also assisted by upward reactive forces produced by the outward generally downward flow of air from the outlets 48b at the ends of the downwardly extending arm sections 48. This downward flow is indicated by small arrows.

In FIG. 6E, the figure 40 is again generally fully inflated and at generally maximum height.

In FIG. 6F the figure 40 is again losing static pressure and starting to collapse to begin a new cycle.

The figure 40 thus oscillates or cycles between more upwardly extending positions and more destabilized collapsed, bent or contorted positions. As noted above, the arrangement of proportioning of the components of the figure could be modified to provide a smaller range of movement. It will be noted that movement of the figure is accomplished without imposing external control or constraint on the figure, or changing the generated airflow into the figure.

ALTERNATIVE CONSTRUCTIONS

FIG. 1B shows an alternative fan 130 with a barrel shaped housing 131.

FIG. 1C shows a fan 30 with a tall 4-blade spoiler 32.

FIG. 1D shows a fan 30 with a short 8-blade spoiler 32a.

FIG. 7 illustrates an alternate construction 120 having a figure 140 wherein a single fan 130 has a bifurcated outflow leading to a pair of spaced-apart ports 150. Each of these ports 150 is connected to the lower end of one of the leg sections 142 of the figure 140.

FIG. 8 illustrates another alternative version of the apparatus 220 wherein the figure 240 has three spaced apart leg sections 242 and a bulbous or potato-like torso section 244. There are a large number (eleven in the illustrated figure 240) of ancillary or arm sections 248 that extend generally upwardly and outwardly from the torso section 244. Each ancillary section 248 has an outlet 248b at its outer end.

FIG. 9 illustrates another alternative form of apparatus 320 where the inflatable object 340 represents a non-figure such as a palm tree having a plurality of outwardly extending ancillary sections 348 which each represent a palm leaf or frond. Each ancillary section 348 has a vent or outlet 348b at its outer end. The main section 344 represents the upright trunk of the palm tree. Thus, this form of the apparatus illustrates a non-character form of object, and also illustrates a plurality of greater than two outwardly extending ancillary sections.

SUMMARY

Thus, the present invention features a new way to dynamically display inflatable objects, particularly figures. In the preferred form, the inflatable figure is designed to inflate quickly into a generally vertical position and subsequently generate movement within its own structure. Once fully inflated, the dynamic figure moves constantly in a random (or apparently random) and continuous mode. The figure's motion is produced by various factors, particularly by a combined build-up of, both, dynamic and static air pressures, which contribute to the shape as well as the movements of the figure. Such motion is in response to a continuous generally constant input of gas into the figure and without intentional intervention.

Various modifications and changes may be made in the illustrated structures without departing from the spirit and scope of the present invention as set forth in the following claims.

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What is claimed is:

1. Apparatus for providing a gas suspended bendable object that, in response to a continuous generally constant flow of gas in an outward direction into the object and without intentional intervention, inflates to a generally outwardly extended position and then automatically and continuously performs a generally repetitive cycle of movements between the extended position and at least one bent position, and between the at least one bent position and another bent position, said apparatus comprising:

- a) a gas delivery means for providing a continuous generally constant flow of gas, and
- b) an erectable bendable hollow object comprised at least primarily of flexible sheet material, said object being connected to and in fluid communication with the gas delivery means to receive gas flow generally in the outward direction, said object having a hollow main section that has a generally central axis, said main section extending generally in the outward direction to an outwardly extended position by the flow of gas from the gas delivery means, said object also having at least one hollow ancillary section that is attached to and in fluid communication with the main section, said ancillary section extending away from the main section when filled with the gas,

said object including at least two spaced apart gas outlets spaced remotely from the gas delivery means for release of the gas from within the object, said outlets being proportioned so that generally all of the gas being continuously provided to said object is continuously released from said object through said outlets without restriction by said outlets,

said gas delivery means, said object and said outlets being constructed, proportioned and arranged so that, without significant change in said gas flow from said delivery means and without intentional intervention, the object automatically responds by initially inflating and erecting to the generally outwardly extended position due to gas flow and build-up of static pressure, then destabilizing and moving to a bent position due to relative decrease in static pressure caused by release of gas through said outlets, the bent position resulting from at least one bend in at least one of the main and the ancillary sections, each of said at least one bend creating at least a temporary partial restriction to gas flow thereby causing another build-up of the static pressure within the at least one of the respective sections and continuing to generally repeat this cycle of movements.

2. The apparatus of claim 1 wherein there are at least two of said ancillary sections.

3. The apparatus of claim 1 wherein the flow released from said outlets is generally symmetrical with respect to said axis.

4. The apparatus of claim 1 wherein at least one of said outlets is located on said ancillary section.

5. The apparatus of claim 4 wherein said ancillary section, when said main and ancillary sections are in their extended positions, extends in a direction generally parallel to said axis, and one of said outlets is located at an outward portion of said ancillary section.

6. The apparatus of claim 2 wherein the main section includes subsections that represent a torso and a head of a figure, the main section having an outward end and the head being at said outward end, the ancillary sections each representing an arm of the figure.

7. The apparatus of claim 6 wherein the portion of the main section opposite the head is bifurcated to form a separate pair of subsections each representing one leg of the figure.

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8. The apparatus of claim 7 wherein the arm sections and the leg sections are each about twice the length of the torso section.

9. The apparatus of claim 6 wherein the head and arm sections each have one of said outlets, and the cross-section of the torso section is equal to or larger than the combined cross section of said outlets from the head and arm sections.

10. The apparatus of claim 1 wherein the main section has an inner portion which is bifurcated to provide, when the main section is inflated, a pair of spaced apart inward subsections.

11. The apparatus of claim 10 wherein each of said inward subsections has an inward portion and the gas delivery means comprises a pair of spaced apart fans each connected to and in fluid communication with the inward portion of one of said inward subsections.

12. The apparatus of claim 10 wherein the gas delivery means comprises a single fan having a bifurcated output to a pair of spaced apart ports, each port being connected to and in fluid communication with the inward portion of one of said inward subsections.

13. The apparatus of claim 1 wherein the gas delivery means is adjustable to provide selectively different levels of generally constant flow to accommodate different conditions.

14. The apparatus of claim 1 wherein the flexible sheet material of the object is generally thin, light-weight and non-expandable.

15. The apparatus of claim 1 wherein the flexible sheet material of the object is generally non-porous.

16. The apparatus of claim 1 wherein said outward direction is generally vertical.

17. Apparatus for providing gas suspended bendable object that, in response to a continuous generally constant input flow of gas in an outward direction into the object and without intentional intervention, erects to a generally extended position and then automatically and continuously performs a generally repetitive cycle of movements between the extended position and at least one bent position, and between the at least one bent position and another bent position, said apparatus comprising:

- a) gas delivery means for providing a generally continuous flow of gas, and

- b) an erectable bendable hollow object comprised at least primarily of flexible sheet material, said object being connected to and in fluid communication with the gas delivery means to receive gas flow generally in the outward direction, said object having a hollow main outer section that has a generally central axis and inward and outward portions, said main section extending generally in the outward direction to the outwardly extended position by the flow of gas from the gas delivery means, said object also having a pair of hollow ancillary inner sections that each have inward and outward portions, each of said inner sections being attached at its outward portion to and in fluid communication with the inward portion of the main section, each of said inner sections also being attached at its inward portion to and in fluid communication with said gas delivery means,

said object including at least one gas outlet spaced remotely from the gas delivery means for release of the gas from within the object, said at least one gas outlet being proportioned so that generally all of the gas being provided to said object is continuously released from said object through said at least one gas outlet substantially without restriction by said at least one gas outlet,

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said gas delivery means, said object and said at least one gas outlet being constructed, proportioned and arranged so that, without significant change in said gas flow from said delivery means and without intentional intervention, the object automatically responds by initially inflating and erecting to the generally outwardly extended position due to the gas flow and build-up of static pressure, then destabilizing and moving to a bent position due to relative decrease in static pressure caused by release of gas through said at least one outlet, the bent position resulting from at least one bend in at least one of the main and the ancillary inner sections, each of said at least one bend creating at least a temporary partial restriction to gas flow thereby causing another build-up of the static pressure within the at least one of the respective sections and returning the object to one of the generally outwardly extended position and other bent positions, and continuing to repeat this general cycle of movements.

18. Apparatus for providing a gas suspended multi-limb figure that, in response to a continuous generally constant flow of gas and without intentional intervention, erects to a generally upwardly extended position and then automatically and continuously performs a generally repetitive cycle of movements, said apparatus comprising:

- a) a gas delivery means for providing a continuous generally constant upward flow of gas, and
- b) an erectable bendable hollow object defining the multi-limb figure and comprised at least primarily of flexible sheet material, said object having a hollow main section and at least two hollow ancillary sections attached to the main section as limbs and in fluid communication with the main section, the object being initially collapsed and having upper and lower end portions when erected, the lower end portion being connected to and in fluid communication with the gas delivery means to receive gas flow in a generally upward direction of flow,

said object including at least two spaced apart gas outlets in the upper end portion thereof for release of the gas from within the object, said outlets being proportioned so that generally all of the gas being continuously provided to said object is continuously released from said object through said outlets substantially without restriction by said outlets,

said gas delivery means, said object and said outlets being constructed, proportioned and arranged so that, without significant change in said gas flow from said delivery means and without other intentional intervention, the object automatically responds by initially inflating and erecting to the generally upwardly extended position due to gas flow and build-up of static pressure, then destabilizing and moving to a bent position due to relative decrease in static pressure caused by release of gas through said outlets, the bent position resulting from at least one bend in at least one of the main and ancillary sections, the at least one bend creating a temporary partial restriction to gas flow, thereby causing another build-up of the static pressure within the object and returning the object toward the generally upwardly extended position, and continuing to repeat a general cycle of movements between the generally upwardly extended position and the bent position, and between the bent position and other bent positions.

19. The apparatus of claim 18 wherein the main section represents a torso of a figure, and including ancillary sections respectively representing a head and at least one arm of the figure at the upper end portion of the object.

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20. The apparatus of claim 19 including a pair of bifurcated ancillary sections at the lower end portion of the object, each representing one leg of the figure.

21. The apparatus of claim 20 wherein the arm sections and the leg sections are each about twice the length of the torso section.

22. The apparatus of claim 19 wherein the head and arm sections each have one of said outlets, and the cross-section of the torso section is within the range of slightly greater to slightly larger than the combined cross section of said outlets from the head and arm sections.

23. The apparatus of claim 20 wherein the gas delivery means comprises a pair of spaced apart fans each connected to and in fluid communication with one of said pair of bifurcated ancillary sections.

24. The apparatus of claim 20 wherein the gas delivery means comprises a single fan having a bifurcated output to a pair of spaced apart ports, each port being connected to and in fluid communication with one of said pair of bifurcated ancillary sections.

25. The apparatus of claim 18 wherein the gas delivery means is adjustable to provide selectively different levels of generally constant flow to accommodate different conditions.

26. The apparatus of claim 18 wherein the flexible sheet material of the object is generally thin, light-weight and non-expandable.

27. The apparatus of claim 18 wherein the flexible sheet material of the object is generally non-porous.

28. A method for displaying a multi-limb figure formed by a gas suspended bendable object comprised primarily of flexible sheet material having a hollow main section and at least two hollow ancillary sections attached to the main section as limbs and in fluid communication with the main section, the object being initially collapsed and having upper and lower end portions when erected, said method comprising the steps of:

- a) supplying a generally constant flow of gas to the lower end portion of the collapsed object to initially inflate the object by pressure developed by the flow of gas to a generally erect position in which the ancillary sections extend as the limbs from the main section;
- b) discharging substantially the entire flow of gas from the upper end portion of the object while maintaining supply of the generally constant flow so that the object is retained in the erect position primarily by dynamic pressure of the gas flow through the object, but under a reduced static pressure, thereby causing at least one of the main and ancillary sections to fall about at least one bend in a region of the object and creating at least a partial temporary restriction to the flow of gas;
- c) continuing to supply the generally constant flow of gas to the lower end portion of the object to increase static pressure in the region containing the at least one bend until the object is re-erected at least in that region; and
- d) repeating steps b) and c) without intentional intervention to automatically and continuously perform a generally repetitive cycle of object movements between the erect position and a bent position, and between the bent position and other bent positions.

29. The method of claim 28 wherein substantially the entire flow of gas is discharged from the main section and at least one of the at least two the ancillary sections.

30. The method of claim 28 wherein the flow of the gas into the object is selectively changeable to different generally constant rates to accommodate different conditions.

31. The apparatus of any one of claims 2 or 18 wherein at least one of said outlets is located on each of said ancillary sections.

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32. The apparatus of claim 6 wherein said ancillary sections, when said object is in the extended position, extend in directions generally parallel to said axis, and one of said outlets is located at an outward portion of each ancillary section.

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33. The apparatus of claim 31 wherein the combined cross-section of said outlets approximates the cross-section of the main section when the object is erected.

* * * * *

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Patent, Trademark, Copyright, Trade Secret &
Related Causes

June 4, 2012

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VIA USPS FIRST CLASS MAIL

Re: Client: Air Dimensional Design, Inc.
Infringement of U.S. Patent No. 6,186,857
Attorney File No. 2007-0191

Dear Mr. AMIRIAN:

I am writing on behalf of my client Air Dimensional Design, Inc. of North Hollywood, California (hereinafter "AirDD"). My office represents AirDD in intellectual property matters. AirDD is the owner of U.S. Patent No. 6,186,857 entitled "Apparatus and Method for Providing Inflated Undulating Figures." This patent is directed to dynamic gas-inflated objects. A copy of the patent is enclosed with the mailed copy of this letter.

My client has informed me that your company has been previously placed on active notice of infringing U.S. Patent No. 6,186,857.

My client has become aware of your company's offer to sell "Air Dancer" products at the Web Site (happyjump.com). It appears that at least one of the products on your company's website (HAJ004 (Air Dancer - 2 legged guy)) is covered by '857 patent

Mr. ROUBIK AMIRIAN
Agent for Service of Process
Happy Jump, Inc.
Re: Client: Air Dimensional Design, Inc.
U.S. Patent No. 6,186,857
Attorney File No. 2007-0191
June 4, 2012
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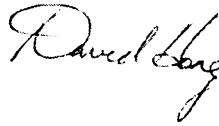
claims, including but not limited to Claims 1, 17 and 18. We reserve the right to inspect your entire catalog to determine any further infringement of the '857 patent.

AirDD demands that your company immediately stop selling, renting and offering to sell or to rent, or to distribute these products that are covered by the '857 patent, including through print or Internet advertising. Patent infringement carries severe sanctions including the awarding of actual damages, punitive damages, and attorney fees.

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Very truly yours,

/s/ - David Hong, Esq.



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Enclosures: Copy of US 6,186,857; printouts from the happyjump.com website.



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 <p>Air Dancer - Snowman</p> <table border="1"> <thead> <tr> <th>L</th> <th>W</th> <th>H</th> <th>Lbs.</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td>N/A</td> <td>15</td> <td>2</td> </tr> </tbody> </table>	L	W	H	Lbs.	N/A	N/A	15	2	 <p>Air Dancer - Green Guy HJA013-G</p> <table border="1"> <thead> <tr> <th>L</th> <th>W</th> <th>H</th> <th>Lbs.</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td>N/A</td> <td>15</td> <td>2</td> </tr> </tbody> </table> <p>Sale: \$120.00 IN STOCK</p>	L	W	H	Lbs.	N/A	N/A	15	2	 <p>Air Dancer - Red Guy HJA013-R</p> <table border="1"> <thead> <tr> <th>L</th> <th>W</th> <th>H</th> <th>Lbs.</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td>N/A</td> <td>15</td> <td>2</td> </tr> </tbody> </table> <p>Sale: \$120.00</p>	L	W	H	Lbs.	N/A	N/A	15	2	 <p>Air Dancer (Blue)</p> <table border="1"> <thead> <tr> <th>L</th> <th>W</th> <th>H</th> <th>Lbs.</th> </tr> </thead> <tbody> <tr> <td>N/A</td> <td>N/A</td> <td>15</td> <td>2</td> </tr> </tbody> </table> <p>Sale: \$120.00 IN STOCK</p>	L	W	H	Lbs.	N/A	N/A	15	2
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BOOKMARK





**UNITED STATES DISTRICT COURT
CENTRAL DISTRICT OF CALIFORNIA**

NOTICE OF ASSIGNMENT TO UNITED STATES MAGISTRATE JUDGE FOR DISCOVERY

This case has been assigned to District Judge Gary A. Feess and the assigned discovery Magistrate Judge is Patrick J. Walsh.

The case number on all documents filed with the Court should read as follows:

CV12 - 5787 GAF (PJWx)

Pursuant to General Order 05-07 of the United States District Court for the Central District of California, the Magistrate Judge has been designated to hear discovery related motions.

All discovery related motions should be noticed on the calendar of the Magistrate Judge

NOTICE TO COUNSEL

A copy of this notice must be served with the summons and complaint on all defendants (if a removal action is filed, a copy of this notice must be served on all plaintiffs).

Subsequent documents must be filed at the following location:

Western Division
312 N. Spring St., Rm. G-8
Los Angeles, CA 90012

Southern Division
411 West Fourth St., Rm. 1-053
Santa Ana, CA 92701-4516

Eastern Division
3470 Twelfth St., Rm. 134
Riverside, CA 92501

Failure to file at the proper location will result in your documents being returned to you.

AO 440 (Rev. 8/01) Summons in a Civil Action

UNITED STATES DISTRICT COURT

Central District of California

AIR DIMENSIONAL DESIGN, INC., a
California corporation,

SUMMONS IN A CIVIL CASE

V.

HAPPY JUMP INC., a California
corporation; and ROUBIK AMIRIAN, an
individual,

CASE NUMBER:

CV12-5787 GAF (PJWx)

TO: (Name and address of Defendant)

YOU ARE HEREBY SUMMONED and required to serve on PLAINTIFF'S ATTORNEY (name and address)

David Hong, Esq. (SBN 195795)
P.O. Box 2111, Santa Clarita, CA 91386-2111
(866) 824-8680
david.hong@dhpattentlaw.com

an answer to the complaint which is served on you with this summons, within 21 days after service of this summons on you, exclusive of the day of service. If you fail to do so, judgment by default will be taken against you for the relief demanded in the complaint. Any answer that you serve on the parties to this action must be filed with the Clerk of this Court within a reasonable period of time after service.

Clerk, U.S. District Court

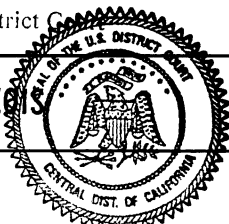
JUL - 5 2012

CLERK

SHEA BOURGEOIS

DATE

(By) DEPUTY CLERK



AO 440 (Rev. 8/01) Summons in a Civil Action

RETURN OF SERVICE

Service of the Summons and complaint was made by me ⁽¹⁾	DATE
--	------

NAME OF SERVER (<i>PRINT</i>)	TITLE
---------------------------------	-------

Check one box below to indicate appropriate method of service

- Served personally upon the defendant. Place where served: _____

- Left copies thereof at the defendant's dwelling house or usual place of abode with a person of suitable age and discretion then residing therein.
Name of person with whom the summons and complaint were left: _____

- Returned unexecuted: _____

- Other (specify): _____

STATEMENT OF SERVICE FEES

TRAVEL	SERVICES	TOTAL

DECLARATION OF SERVER

I declare under penalty of perjury under the laws of the United States of America that the foregoing information contained in the Return of Service and Statement of Service Fees is true and correct.

Executed on _____
Date Signature of Server

Address of Server

(1) As to who may serve a summons see Rule 4 of the Federal Rules of Civil Procedure.

**UNITED STATES DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA
CIVIL COVER SHEET**

I (a) PLAINTIFFS (Check box if you are representing yourself <input type="checkbox"/>) AIR DIMENSIONAL DESIGN, INC., a California corporation,	DEFENDANTS HAPPY JUMP INC., a California corporation; and ROUBIK AMIRIAN, an individual,
(b) County of Residence of First Listed Plaintiff (Except in U.S. Plaintiff Cases): Los Angeles County, CA	County of Residence of First Listed Defendant (In U.S. Plaintiff Cases Only): Los Angeles County, CA
(c) Attorneys (Firm Name, Address and Telephone Number. If you are representing yourself, provide same.) David Hong, Esq. (CA 195795, USPTO 45709) P.O. Box 2111, Santa Clarita, CA 91386-2111 Tel/Fax: 866-824-8680 david.hong@dhpattentlaw.com	Attorneys (If Known) Mr. Eric Anvari, Esq. (CA 185292) Law Office of Eric Anvari 21112 Ventura Boulevard, Suite 200, Woodland Hills, CA 91364 T (818) 346-6350; F(818) 346-6389; E-Mail: ericanvari@yahoo.com

II. BASIS OF JURISDICTION (Place an X in one box only.) <input type="checkbox"/> 1 U.S. Government Plaintiff <input checked="" type="checkbox"/> 3 Federal Question (U.S. Government Not a Party) <input type="checkbox"/> 2 U.S. Government Defendant <input type="checkbox"/> 4 Diversity (Indicate Citizenship of Parties in Item III)	III. CITIZENSHIP OF PRINCIPAL PARTIES - For Diversity Cases Only (Place an X in one box for plaintiff and one for defendant.) <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:30%;"></td> <td style="width:10%; text-align: center;">PTF</td> <td style="width:10%; text-align: center;">DEF</td> <td style="width:40%;"></td> <td style="width:10%; text-align: center;">PTF</td> <td style="width:10%; text-align: center;">DEF</td> </tr> <tr> <td>Citizen of This State</td> <td align="center"><input type="checkbox"/> 1</td> <td align="center"><input type="checkbox"/> 1</td> <td>Incorporated or Principal Place of Business in this State</td> <td align="center"><input type="checkbox"/> 4</td> <td align="center"><input type="checkbox"/> 4</td> </tr> <tr> <td>Citizen of Another State</td> <td align="center"><input type="checkbox"/> 2</td> <td align="center"><input type="checkbox"/> 2</td> <td>Incorporated and Principal Place of Business in Another State</td> <td align="center"><input type="checkbox"/> 5</td> <td align="center"><input type="checkbox"/> 5</td> </tr> <tr> <td>Citizen or Subject of a Foreign Country</td> <td align="center"><input type="checkbox"/> 3</td> <td align="center"><input type="checkbox"/> 3</td> <td>Foreign Nation</td> <td align="center"><input type="checkbox"/> 6</td> <td align="center"><input type="checkbox"/> 6</td> </tr> </table>		PTF	DEF		PTF	DEF	Citizen of This State	<input type="checkbox"/> 1	<input type="checkbox"/> 1	Incorporated or Principal Place of Business in this State	<input type="checkbox"/> 4	<input type="checkbox"/> 4	Citizen of Another State	<input type="checkbox"/> 2	<input type="checkbox"/> 2	Incorporated and Principal Place of Business in Another State	<input type="checkbox"/> 5	<input type="checkbox"/> 5	Citizen or Subject of a Foreign Country	<input type="checkbox"/> 3	<input type="checkbox"/> 3	Foreign Nation	<input type="checkbox"/> 6	<input type="checkbox"/> 6
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IV. ORIGIN (Place an X in one box only.)

1 Original Proceeding
 2 Removed from State Court
 3 Remanded from Appellate Court
 4 Reinstated or Reopened
 5 Transferred from another district (specify):
 6 Multi-District Litigation
 7 Appeal to District Judge from Magistrate Judge

V. REQUESTED IN COMPLAINT: JURY DEMAND: Yes No (Check 'Yes' only if demanded in complaint.)

CLASS ACTION under F.R.C.P. 23: Yes No **MONEY DEMANDED IN COMPLAINT:** \$ in excess of \$75K + \$225K punitive

VI. CAUSE OF ACTION (Cite the U.S. Civil Statute under which you are filing and write a brief statement of cause. Do not cite jurisdictional statutes unless diversity.)

Patent Infringement (35 USC 271, 35 USC 281 et. seq.); Inducement of Patent Infringement, 35 U.S.C. § 271(b).

VII. NATURE OF SUIT (Place an X in one box only.)

OTHER STATUTES <input type="checkbox"/> 400 State Reapportionment <input type="checkbox"/> 410 Antitrust <input type="checkbox"/> 430 Banks and Banking <input type="checkbox"/> 450 Commerce/ICC Rates/etc. <input type="checkbox"/> 460 Deportation <input type="checkbox"/> 470 Racketeer Influenced and Corrupt Organizations <input type="checkbox"/> 480 Consumer Credit <input type="checkbox"/> 490 Cable/Sat TV <input type="checkbox"/> 810 Selective Service <input type="checkbox"/> 850 Securities/Commodities /Exchange <input type="checkbox"/> 875 Customer Challenge 12 USC 3410 <input type="checkbox"/> 890 Other Statutory Actions <input type="checkbox"/> 891 Agricultural Act <input type="checkbox"/> 892 Economic Stabilization Act <input type="checkbox"/> 893 Environmental Matters <input type="checkbox"/> 894 Energy Allocation Act <input type="checkbox"/> 895 Freedom of Info. Act <input type="checkbox"/> 900 Appeal of Fee Determination Under Equal Access to Justice <input type="checkbox"/> 950 Constitutionality of State Statutes	CONTRACT <input type="checkbox"/> 110 Insurance <input type="checkbox"/> 120 Marine <input type="checkbox"/> 130 Miller Act <input type="checkbox"/> 140 Negotiable Instrument <input type="checkbox"/> 150 Recovery of Overpayment & Enforcement of Judgment <input type="checkbox"/> 151 Medicare Act <input type="checkbox"/> 152 Recovery of Defaulted Student Loan (Excl. Veterans) <input type="checkbox"/> 153 Recovery of Overpayment of Veteran's Benefits <input type="checkbox"/> 160 Stockholders' Suits <input type="checkbox"/> 190 Other Contract <input type="checkbox"/> 195 Contract Product Liability <input type="checkbox"/> 196 Franchise REAL PROPERTY <input type="checkbox"/> 210 Land Condemnation <input type="checkbox"/> 220 Foreclosure <input type="checkbox"/> 230 Rent Lease & Ejectment <input type="checkbox"/> 240 Torts to Land <input type="checkbox"/> 245 Tort Product Liability <input type="checkbox"/> 290 All Other Real Property	TORTS PERSONAL INJURY <input type="checkbox"/> 310 Airplane <input type="checkbox"/> 315 Airplane Product Liability <input type="checkbox"/> 320 Assault, Libel & Slander <input type="checkbox"/> 330 Fed. Employers' Liability <input type="checkbox"/> 340 Marine <input type="checkbox"/> 345 Marine Product Liability <input type="checkbox"/> 350 Motor Vehicle <input type="checkbox"/> 355 Motor Vehicle Product Liability <input type="checkbox"/> 360 Other Personal Injury <input type="checkbox"/> 362 Personal Injury-Med Malpractice <input type="checkbox"/> 365 Personal Injury-Product Liability <input type="checkbox"/> 368 Asbestos Personal Injury Product Liability	TORTS PERSONAL PROPERTY <input type="checkbox"/> 370 Other Fraud <input type="checkbox"/> 371 Truth in Lending <input type="checkbox"/> 380 Other Personal Property Damage <input type="checkbox"/> 385 Property Damage Product Liability BANKRUPTCY <input type="checkbox"/> 422 Appeal 28 USC 158 <input type="checkbox"/> 423 Withdrawal 28 USC 157 CIVIL RIGHTS <input type="checkbox"/> 441 Voting <input type="checkbox"/> 442 Employment <input type="checkbox"/> 443 Housing/Accommodations <input type="checkbox"/> 444 Welfare <input type="checkbox"/> 445 American with Disabilities - Employment <input type="checkbox"/> 446 American with Disabilities - Other <input type="checkbox"/> 440 Other Civil Rights	PRISONER PETITIONS <input type="checkbox"/> 510 Motions to Vacate Sentence Habeas Corpus <input type="checkbox"/> 530 General <input type="checkbox"/> 535 Death Penalty <input type="checkbox"/> 540 Mandamus/ Other <input type="checkbox"/> 550 Civil Rights <input type="checkbox"/> 555 Prison Condition FORFEITURE/ PENALTY <input type="checkbox"/> 610 Agriculture <input type="checkbox"/> 620 Other Food & Drug <input type="checkbox"/> 625 Drug Related Seizure of Property 21 USC 881 <input type="checkbox"/> 630 Liquor Laws <input type="checkbox"/> 640 R.R. & Truck <input type="checkbox"/> 650 Airline Regs <input type="checkbox"/> 660 Occupational Safety /Health <input type="checkbox"/> 690 Other	LABOR <input type="checkbox"/> 710 Fair Labor Standards Act <input type="checkbox"/> 720 Labor/Mgmt. Relations <input type="checkbox"/> 730 Labor/Mgmt. Reporting & Disclosure Act <input type="checkbox"/> 740 Railway Labor Act <input type="checkbox"/> 790 Other Labor Litigation <input type="checkbox"/> 791 Empl. Ret. Inc. Security Act PROPERTY RIGHTS <input type="checkbox"/> 820 Copyrights <input checked="" type="checkbox"/> 830 Patent <input type="checkbox"/> 840 Trademark SOCIAL SECURITY <input type="checkbox"/> 861 HIA (1395ff) <input type="checkbox"/> 862 Black Lung (923) <input type="checkbox"/> 863 DIWC/DIWW (405(g)) <input type="checkbox"/> 864 SSID Title XVI <input type="checkbox"/> 865 RSI (405(g)) FEDERAL TAX SUITS <input type="checkbox"/> 870 Taxes (U.S. Plaintiff or Defendant) <input type="checkbox"/> 871 IRS-Third Party 26 USC 7609
--	--	--	---	--	--

VIII(a). IDENTICAL CASES: Has this action been previously filed and dismissed, remanded or closed? No Yes

If yes, list case number(s):

FOR OFFICE USE ONLY: Case Number: CV12-5787

UNITED STATES DISTRICT COURT, CENTRAL DISTRICT OF CALIFORNIA
CIVIL COVER SHEET

AFTER COMPLETING THE FRONT SIDE OF FORM CV-71, COMPLETE THE INFORMATION REQUESTED BELOW.

VIII(b). RELATED CASES: Have any cases been previously filed that are related to the present case? No Yes

If yes, list case number(s): 2:06-cv-03671-FMC-JC, 2:08-cv-08-01121-FMC-JC; CV08-08055 JHN (JCx); CV11-04743 DMG (RZx)

Civil cases are deemed related if a previously filed case and the present case:

- (Check all boxes that apply) A. Arise from the same or closely related transactions, happenings, or events; or
 B. Call for determination of the same or substantially related or similar questions of law and fact; or
 C. For other reasons would entail substantial duplication of labor if heard by different judges; or
 D. Involve the same patent, trademark or copyright, and one of the factors identified above in a, b or c also is present.

IX. VENUE: List the California County, or State if other than California, in which EACH named plaintiff resides (Use an additional sheet if necessary)

- Check here if the U.S. government, its agencies or employees is a named plaintiff.
 Los Angeles County

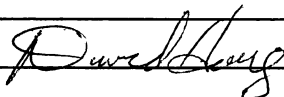
List the California County, or State if other than California, in which EACH named defendant resides. (Use an additional sheet if necessary).

- Check here if the U.S. government, its agencies or employees is a named defendant.
 Los Angeles County for Def. Happy Jump, Inc.; for Def. ROUBIK AMIRIAN, upon information and belief, Plaintiff alleges Mr. Amirian is a corp. officer (president) for Def. Happy Jump, Inc. and has a business address (7555 N. San Fernando Road, Unit 6A, Burbank, CA 91505), which is within Los Angeles County, and per 28 USC 1391 and 1400, Def. Amirian has committed acts of inducement of patent infringement and has a regular and established place of business within this Court's district (Los Angeles County); further, upon information and belief, a substantial part of the events or omissions giving rise to the claim occurred in this Court's district (Los Angeles County).

List the California County, or State if other than California, in which EACH claim arose. (Use an additional sheet if necessary)

- Note: In land condemnation cases, use the location of the tract of land involved.
 Los Angeles County

X. SIGNATURE OF ATTORNEY (OR PRO PER):



Date 7-3-2012

Notice to Counsel/Parties: The CV-71 (JS-44) Civil Cover Sheet and the information contained herein neither replace nor supplement the filing and service of pleadings or other papers as required by law. This form, approved by the Judicial Conference of the United States in September 1974, is required pursuant to Local Rule 3-1 is not filed but is used by the Clerk of the Court for the purpose of statistics, venue and initiating the civil docket sheet. (For more detailed instructions, see separate instructions sheet.)

Key to Statistical codes relating to Social Security Cases:

Nature of Suit Code	Abbreviation	Substantive Statement of Cause of Action
861	HIA	All claims for health insurance benefits (Medicare) under Title 18, Part A, of the Social Security Act, as amended. Also, include claims by hospitals, skilled nursing facilities, etc., for certification as providers of services under the program. (42 U.S.C. 1935FF(b))
862	BL	All claims for "Black Lung" benefits under Title 4, Part B, of the Federal Coal Mine Health and Safety Act of 1969. (30 U.S.C. 923)
863	DIWC	All claims filed by insured workers for disability insurance benefits under Title 2 of the Social Security Act, as amended; plus all claims filed for child's insurance benefits based on disability. (42 U.S.C. 405(g))
863	DIWW	All claims filed for widows or widowers insurance benefits based on disability under Title 2 of the Social Security Act, as amended. (42 U.S.C. 405(g))
864	SSID	All claims for supplemental security income payments based upon disability filed under Title 16 of the Social Security Act, as amended.
865	RSI	All claims for retirement (old age) and survivors benefits under Title 2 of the Social Security Act, as amended. (42 U.S.C. (g))