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(12) **United States Design Patent**
Saez

(10) **Patent No.:** **US D477,255 S**
(45) **Date of Patent:** **** Jul. 15, 2003**

(54) **MODULAR BICYCLE LOCKING STAND**

DESCRIPTION

(75) Inventor: **Manuel Saez**, New York, NY (US)

(73) Assignee: **NYC Street Tree Consortium, Inc.**,
New York, NY (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/169,232**

(22) Filed: **Oct. 17, 2002**

(51) **LOC (7) Cl.** **12-11**

(52) **U.S. Cl.** **D12/115**

(58) **Field of Search** D12/115; 211/5,
211/17-22; 248/153, 156, 175

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | |
|-----------|---------|-----------|
| 115,531 A | 5/1871 | Schwagerl |
| 383,824 A | 5/1888 | Newell |
| D26,975 S | 4/1897 | Evans |
| D27,770 S | 10/1897 | Pine |
| D32,181 S | 1/1900 | Pease |
| 749,522 A | 1/1904 | Billy |
| 796,741 A | 8/1905 | Lloyd |

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

CA 1264699 1/1990

OTHER PUBLICATIONS

Pre-Examination Search Report by Stanley H. Kremen,
CDP dated Oct. 12, 2002.

(List continued on next page.)

Primary Examiner—Alan P. Douglas

Assistant Examiner—Linda Brooks

(57) **CLAIM**

The ornamental design for a modular bicycle locking stand,
as shown and described.

FIG. 1 is a front elevational view of the modular bicycle locking stand of this invention. This view is identical to a rear elevational view thereof.

FIG. 2 is a right side elevational view thereof. This view is a mirror image of a left side elevational view thereof.

FIG. 3 is a top plan view thereof.

FIG. 4 is an isometric view thereof. The viewer is positioned diagonally to the front and left of the modular bicycle locking stand.

FIG. 5 is an isometric view showing the bottom portion of the modular bicycle locking stand, shown separately for clarity. The viewer is positioned diagonally above and to the right of the bicycle locking stand. The broken lines are shown for illustrative purposes only and form no part of the claimed design.

FIG. 6 is an enlarged isometric view showing the bottom portion of the base of the modular bicycle locking stand, shown separately for clarity. Both base portions are identical. The broken lines are shown for illustrative purposes only and form no part of the claimed design.

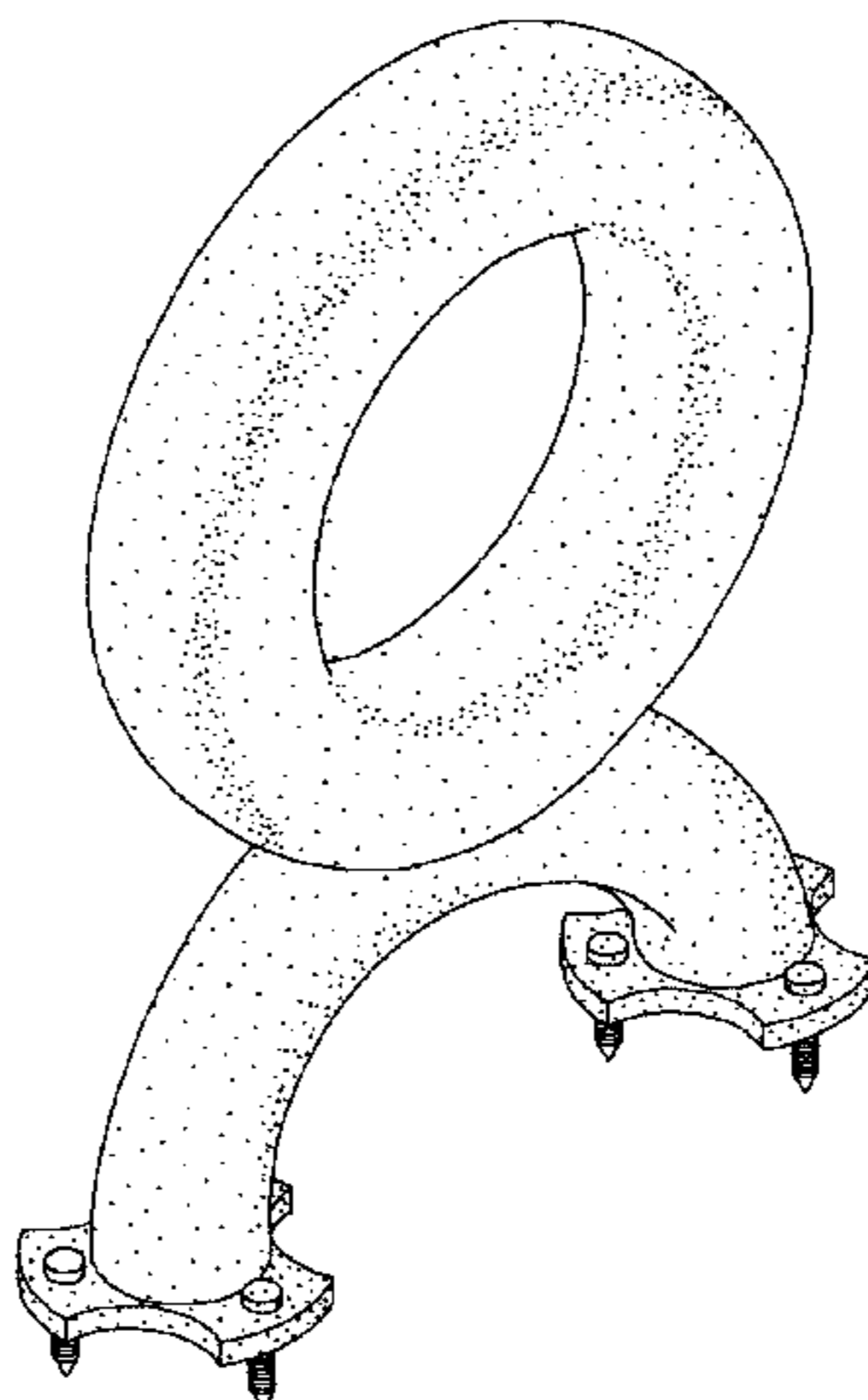
FIG. 7 is a second embodiment of the modular bicycle locking stand on a reduced scale, the only difference being the addition and arrangement of three additional, identical units. The broken lines are shown for illustrative purposes only and form no part of the claimed design.

FIG. 8 is a third embodiment of the modular bicycle locking stand on a reduced scale, the only difference being the addition and arrangement of seven additional, identical units. The broken lines are shown for illustrative purposes only and form no part of the claimed design.

FIG. 9 is a fourth embodiment of the modular bicycle locking stand on a reduced scale, the only difference being the addition and arrangement of five additional, identical units. The broken lines are shown for illustrative purposes only and form no part of the claimed design; and,

FIG. 10 is a fifth embodiment of the modular bicycle locking stand on a reduced scale, the only difference being the addition and arrangement of five additional, identical units. The broken lines are shown for illustrative purposes only and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

801,325 A 10/1905 Lichtfeldt
 D194,702 S 2/1963 Planeta
 3,305,969 A 2/1967 Mattson
 D232,627 S 9/1974 Rossi
 D234,587 S 3/1975 Harris
 D234,758 S 4/1975 Sill
 3,934,436 A 1/1976 Candlin
 3,994,400 A 11/1976 Graber
 4,033,459 A 7/1977 Zach
 D245,596 S 8/1977 Cohen
 4,047,614 A 9/1977 Radek
 4,186,576 A 2/1980 Means
 4,306,660 A 12/1981 Livingston
 D262,532 S 1/1982 Levine
 D263,039 S 2/1982 Richard, Jr.
 D263,945 S 4/1982 Voegeli
 D264,325 S 5/1982 Griswold
 D266,557 S 10/1982 Smith
 4,371,082 A 2/1983 Hostert
 D268,084 S 3/1983 Haggard
 D269,000 S 5/1983 Girard
 D269,843 S 7/1983 Haggard
 D270,609 S 9/1983 Haggard
 D270,894 S 10/1983 Haggard
 4,433,786 A 2/1984 Wahl
 D298,746 S 11/1988 Whitworth
 D301,217 S 5/1989 Mailhot
 D302,258 S 7/1989 Kalisch
 D302,804 S 8/1989 Mailhot
 D305,010 S 12/1989 Rankin
 D321,470 S 11/1991 Gerrard
 D324,009 S 2/1992 Smith
 D337,083 S 7/1993 Rankin
 D341,342 S 11/1993 Pook
 D341,348 S 11/1993 Williams
 D367,022 S 2/1996 Graber
 D369,131 S 4/1996 Smith
 D369,332 S 4/1996 Smith
 D369,585 S 5/1996 Gregory
 D372,889 S 8/1996 Fox
 D374,849 S 10/1996 Chipman
 5,561,925 A 10/1996 Livesay
 D385,231 S 10/1997 Skalka
 D391,529 S 3/1998 Skalka
 D391,903 S 3/1998 Pappas
 D398,268 S 9/1998 Woodcock

5,813,259 A * 9/1998 Martin 211/5 X
 D408,763 S 4/1999 Graber
 D408,764 S 4/1999 Graber
 D409,118 S 5/1999 Graber
 D409,134 S 5/1999 Will
 D437,164 S 2/2001 Fickett
 6,223,907 B1 5/2001 Graber
 6,257,419 B1 7/2001 Kamysiak
 D447,723 S 9/2001 Spangler
 D449,256 S 10/2001 Kopacz

OTHER PUBLICATIONS

Bicycle Rack Utilization & Needs Study—Jul. 2001 University of Washington Transportation Office, Seattle WA.
 The Viper Steel Bicycle Rack—American Bicycle Security Co. <http://www.ameribike.com/catalog/racks/viper/viper.html>.
 Bicycle Parking Project of the Experimental Art Foundation, Australia <http://www.artelaide.com.au/virtualwest/bicycle/>.
 Bike Up Bicycle Parking Systems—Ring Rack <http://www.bikeup.com/horizontal/ring.html>.
 City of Cambridge (MA) Bicycle Rack Installation Program <http://www.ci.cambridge.ma.us/~CCD/envirotrans/bicycle/racks/>.
 CORA Bike Rack Pty., Ltd. (Australia) <http://www.cora.com.au/>.
 Cornell University—Design and Construction Standards <http://cds.pdc.cornell.edu/DesignStandards/Drawings/181-mbike.htm>.
 Pictures from San Francisco/bicycle-rack—Godfrey DiGiorgi—Jan. 22, 2002 <http://www.bayarea.net/~ramarren/photostuff/tess0201/pages/bicycle-rack.htm>.
 Huntco Supply, LLC—Commercial Bicycle Rack Sales <http://www.huntco.com>.
 Jake Brothers—Bicycle Racks http://www.jakebrothers.com/jakebrothers/html/bicycle_racks.html.
 Bicycle Rack Styles Used on the University of Iowa Campus http://www.uiowa.edu/~fuspt/bike_rack_styles.html.
 VelopA—Omniplay (The Netherlands) http://www.velopa.nl/index_velopa.html.
 Specifications and photographs of Adonis(TM) Bicycle Parking Modules.

* cited by examiner

FIG. 1

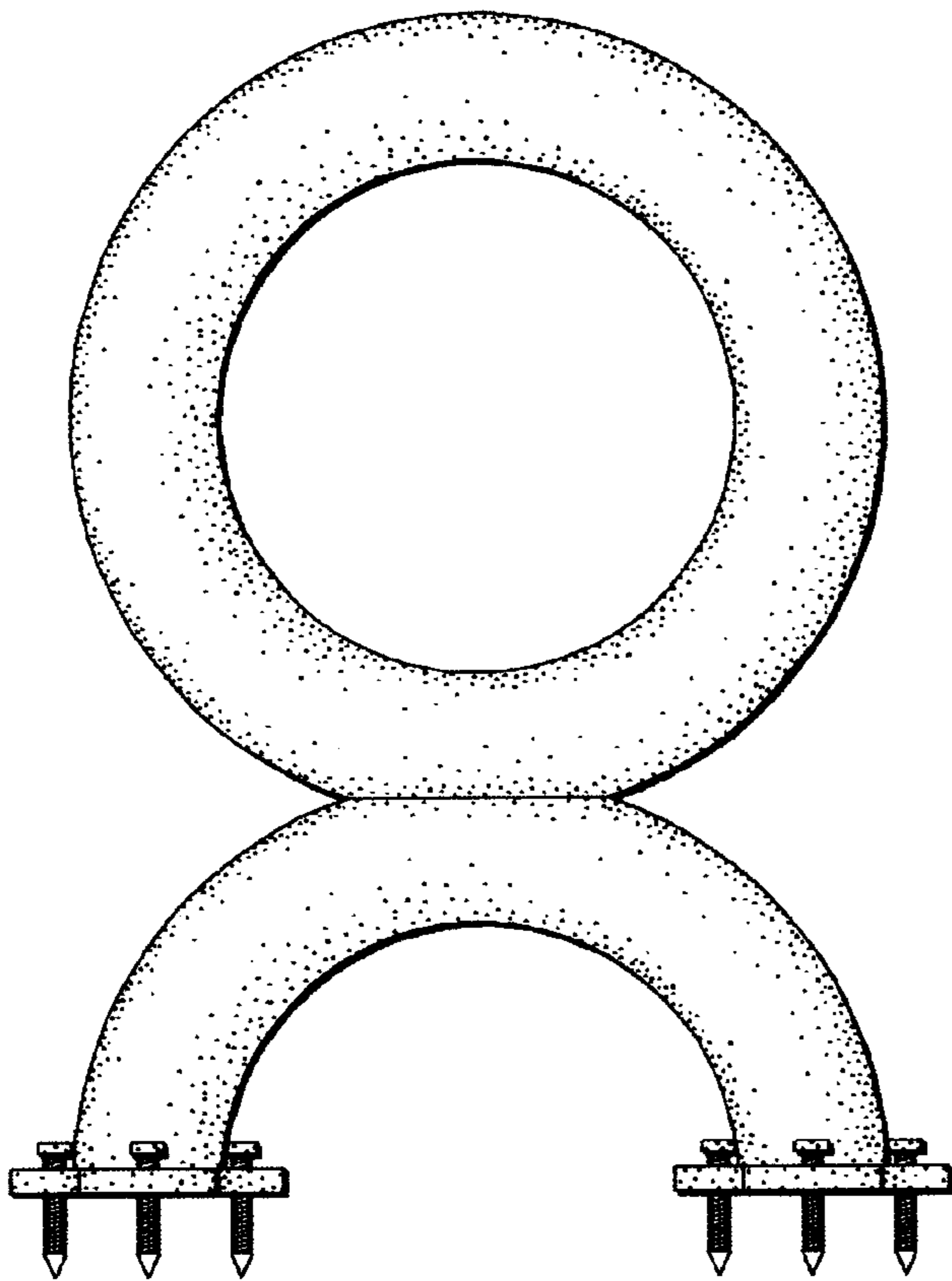


FIG. 2

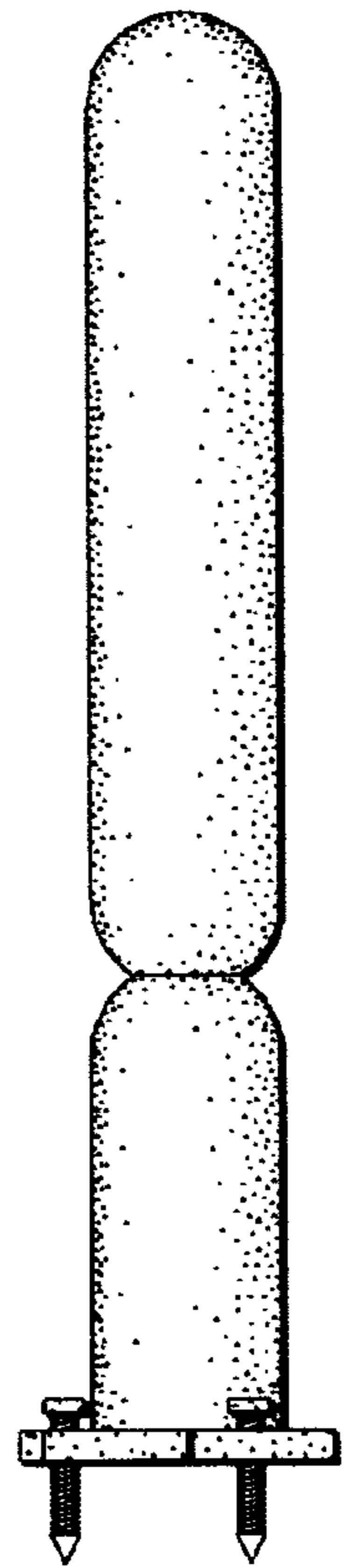


FIG. 3



FIG. 4

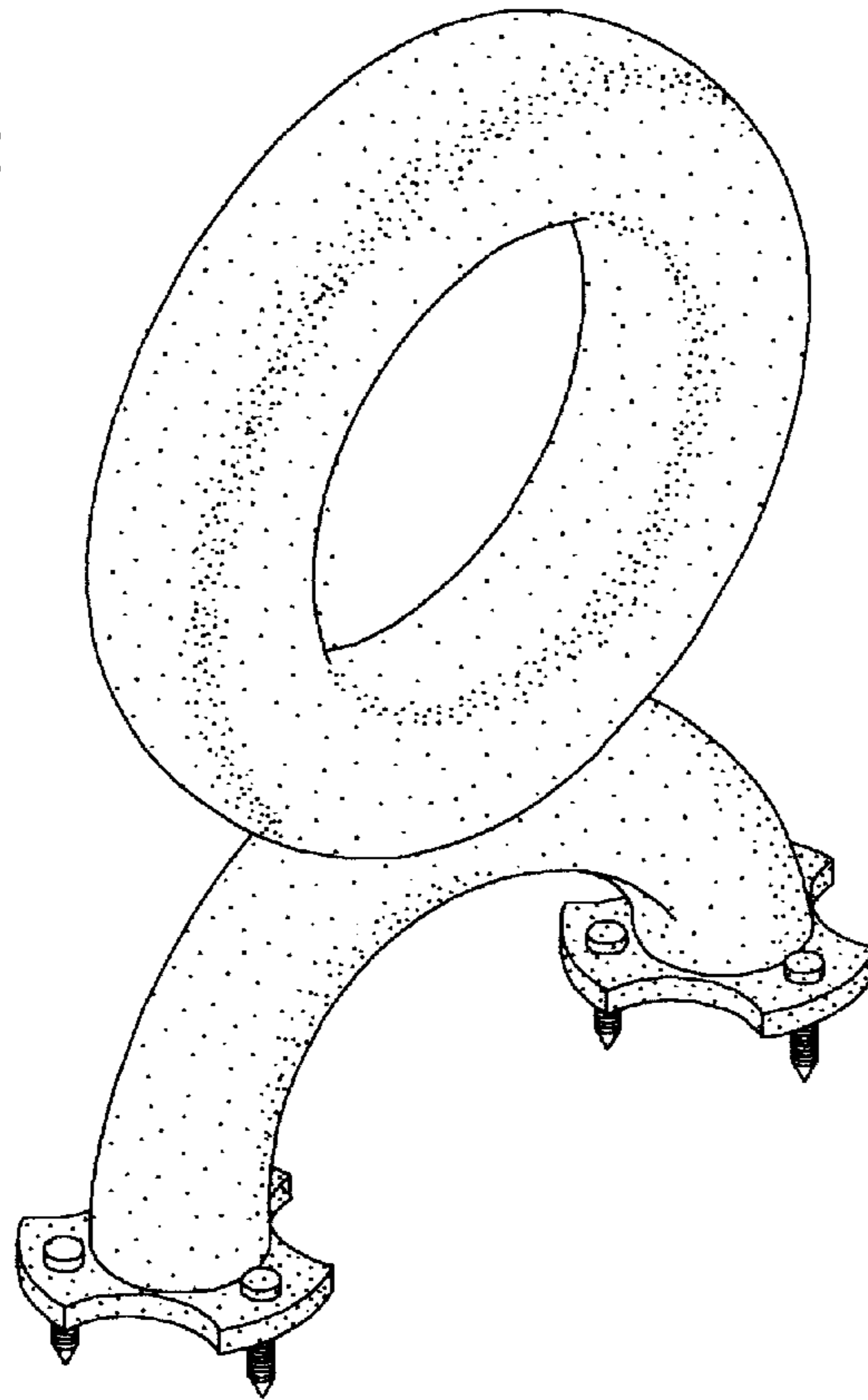


FIG. 5

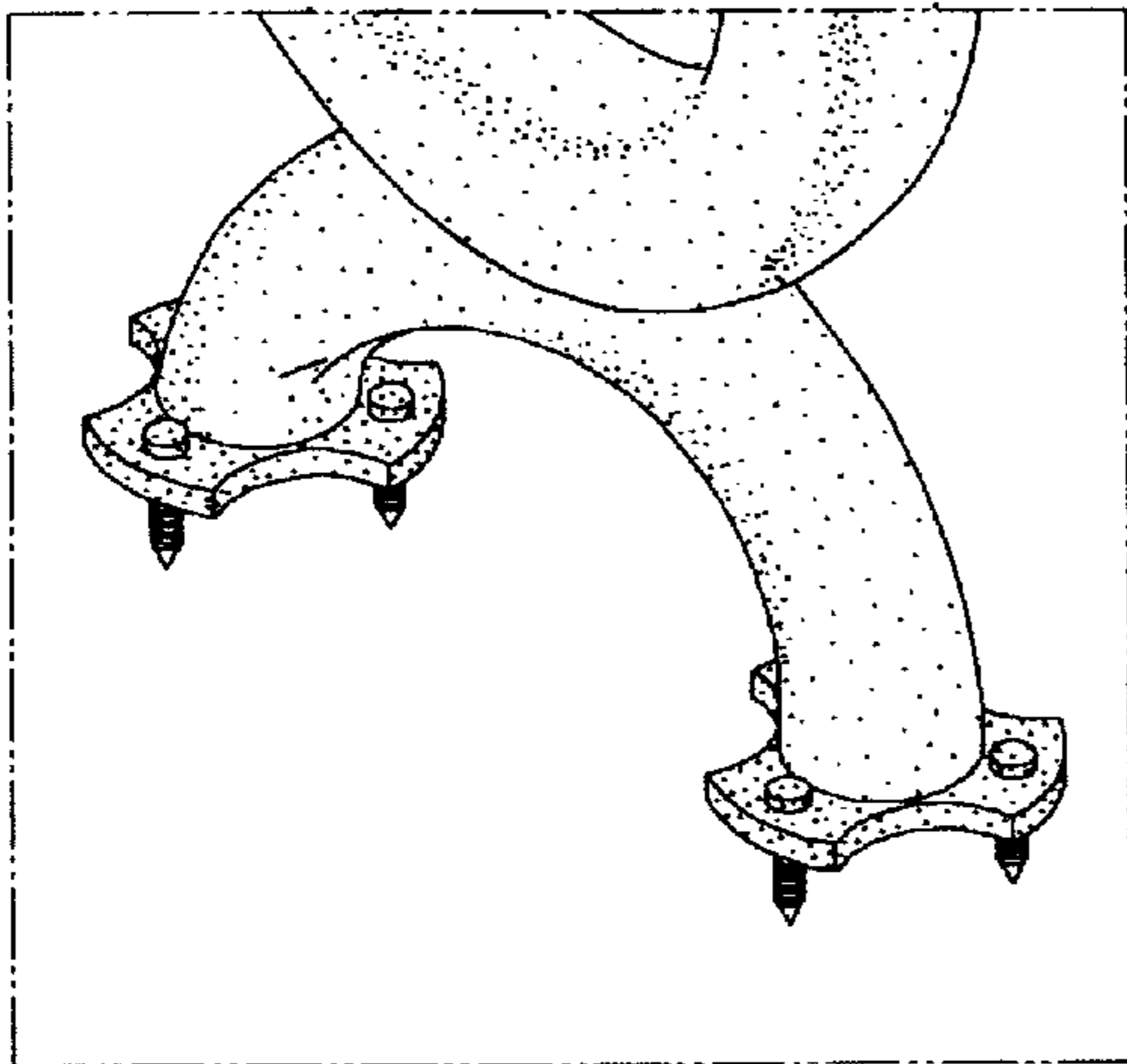


FIG. 6

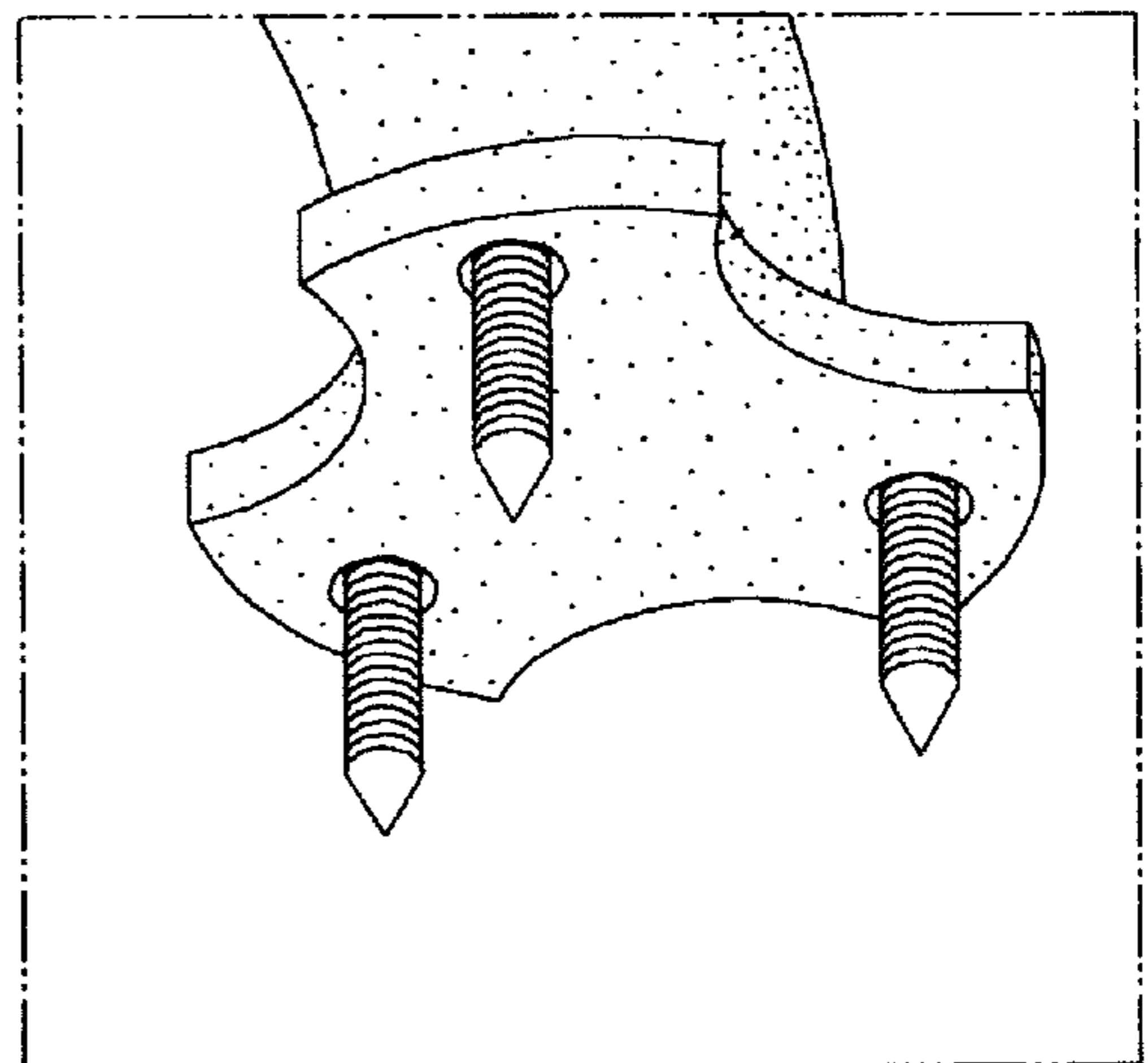


FIG. 7

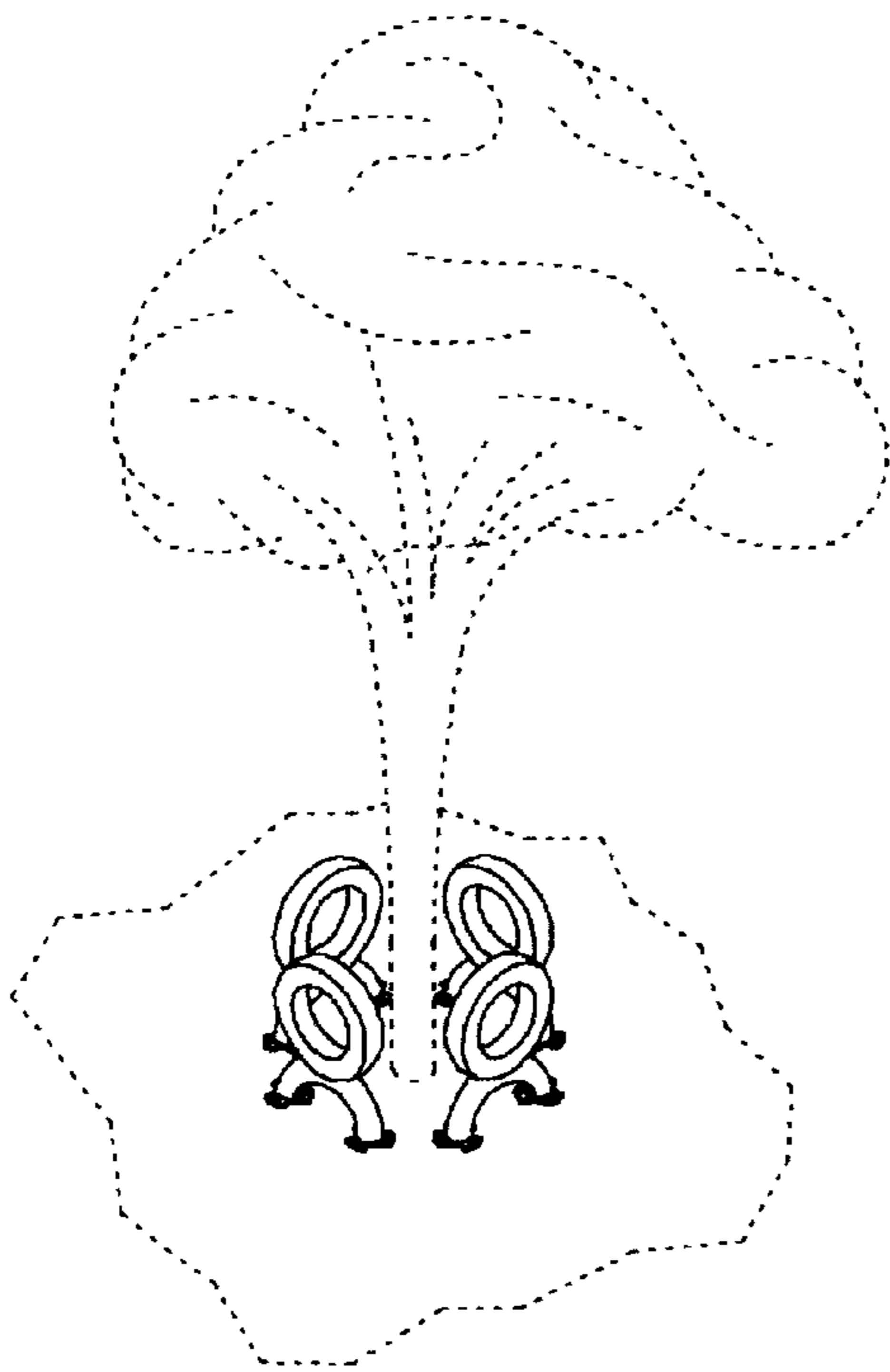


FIG. 8

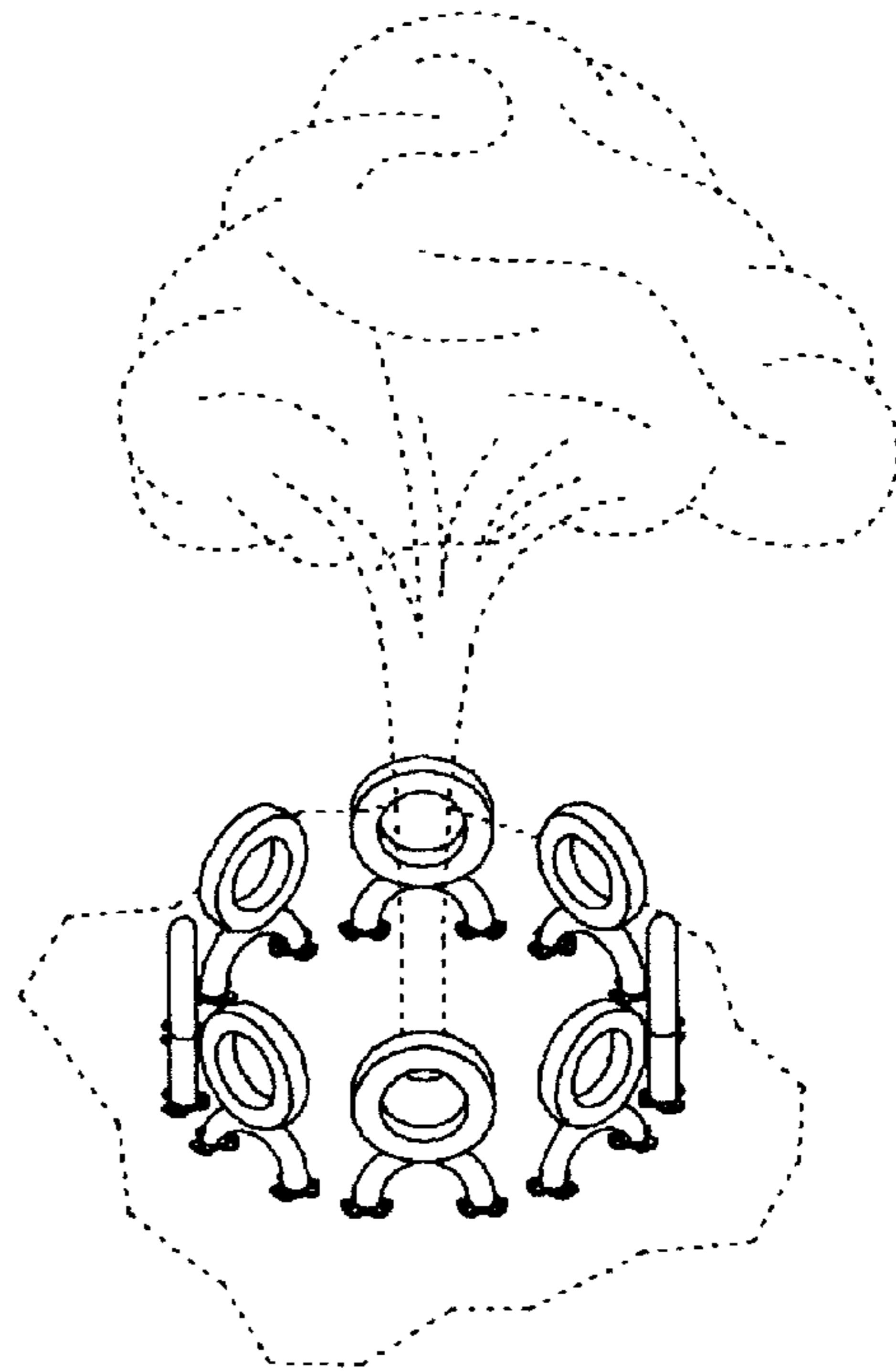


FIG. 9

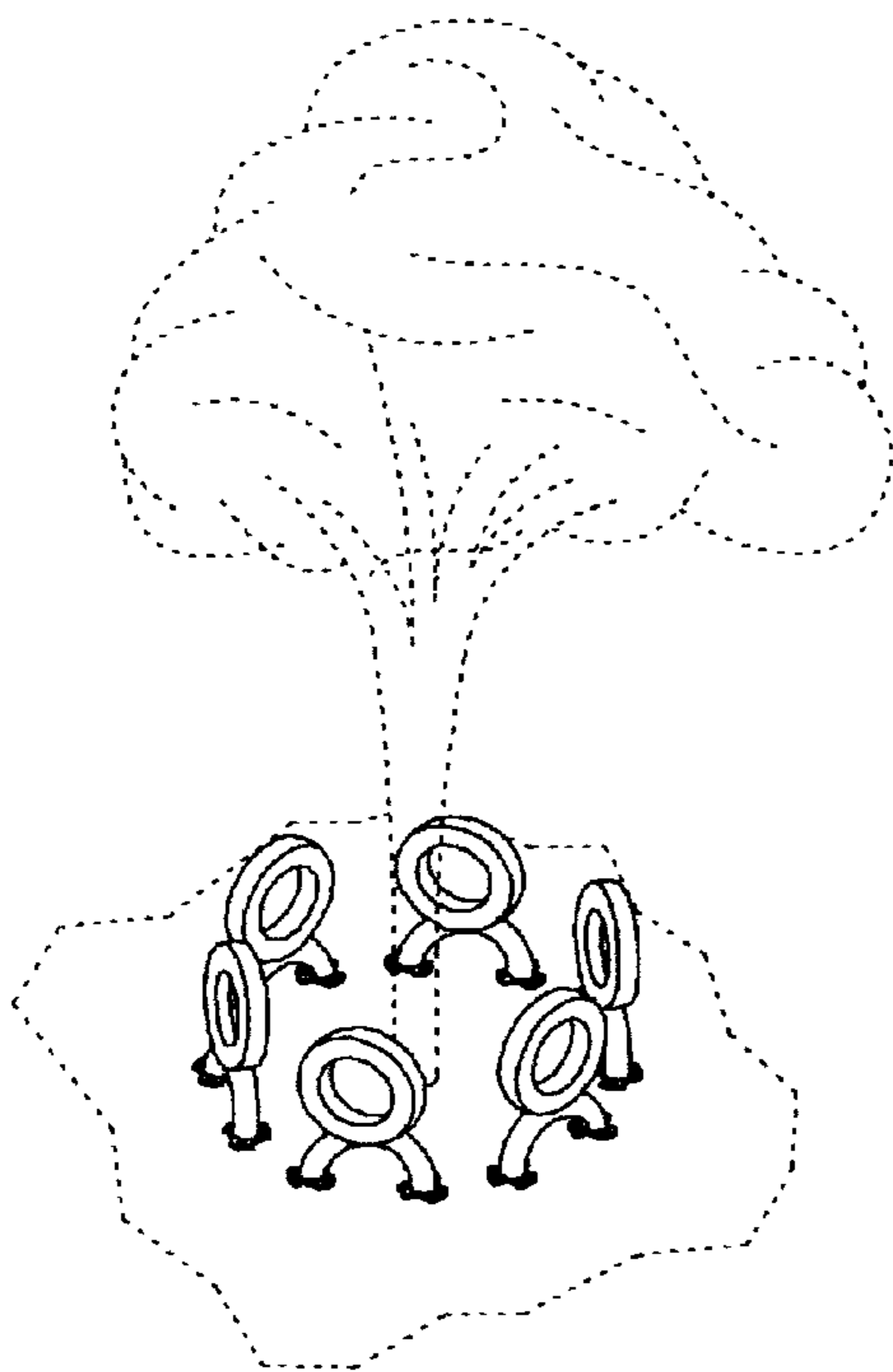


FIG. 10

