



US00D682439S

(12) **United States Design Patent**  
**Olson et al.**

(10) **Patent No.:** **US D682,439 S**

(45) **Date of Patent:** **\*\* May 14, 2013**

(54) **CONSTELLATION OF CHAMBERS FOR  
DISTRIBUTING PNEUMATIC PRESSURE**

D358,216 S \* 5/1995 Dye ..... D24/206  
5,489,259 A \* 2/1996 Jacobs et al. .... 602/27  
D383,546 S \* 9/1997 Amis et al. .... D24/206

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(Continued)

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(57) **CLAIM**

The ornamental design for a constellation of chambers for  
distributing pneumatic pressure, as shown and described.

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

**DESCRIPTION**

(21) Appl. No.: **29/396,947**

FIG. 1 is a perspective view of a constellation of chambers for  
distributing pneumatic pressure, viewed along one side of the  
constellation.

(22) Filed: **Jul. 8, 2011**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 12/966,294,  
filed on Dec. 13, 2010.

FIG. 2 is a plan view of the constellation of chambers for  
distributing pneumatic pressure, after having been rotated 90°  
counter-clockwise from FIG. 1 to present, when viewing FIG.  
2, a left side, a right side, a top side, and a bottom side.

(51) **LOC (9) Cl.** ..... **28-03**

(52) **U.S. Cl.**  
USPC ..... **D24/200**

FIG. 3 is a plan view of the constellation of chambers for  
distributing pneumatic pressure, after having been turned  
over from FIG. 2.

(58) **Field of Classification Search** ..... D24/200,  
D24/206–208, 189–192; 602/1–7, 17–27,  
602/61–66, 74; 128/95.1, 96.1, 97.1, 100.1,  
128/101.1, 876; 606/204, 27; 607/96, 108,  
607/109, 111, 112; 600/372, 382, 383; D29/101.2,  
D29/101.5, 120.1, 121.1; D3/327; 601/15,  
601/148–153; 126/204; D5/66, 99; 5/713  
See application file for complete search history.

FIG. 4 is a side edge view the constellation of chambers for  
distributing pneumatic pressure, viewed along the right side  
presented in FIG. 2.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,175,297 A \* 11/1979 Robbins et al. .... 601/148  
4,197,837 A \* 4/1980 Tringali et al. .... 601/150  
5,307,521 A \* 5/1994 Davis ..... 602/23  
D357,747 S \* 4/1995 Kelly ..... D24/206

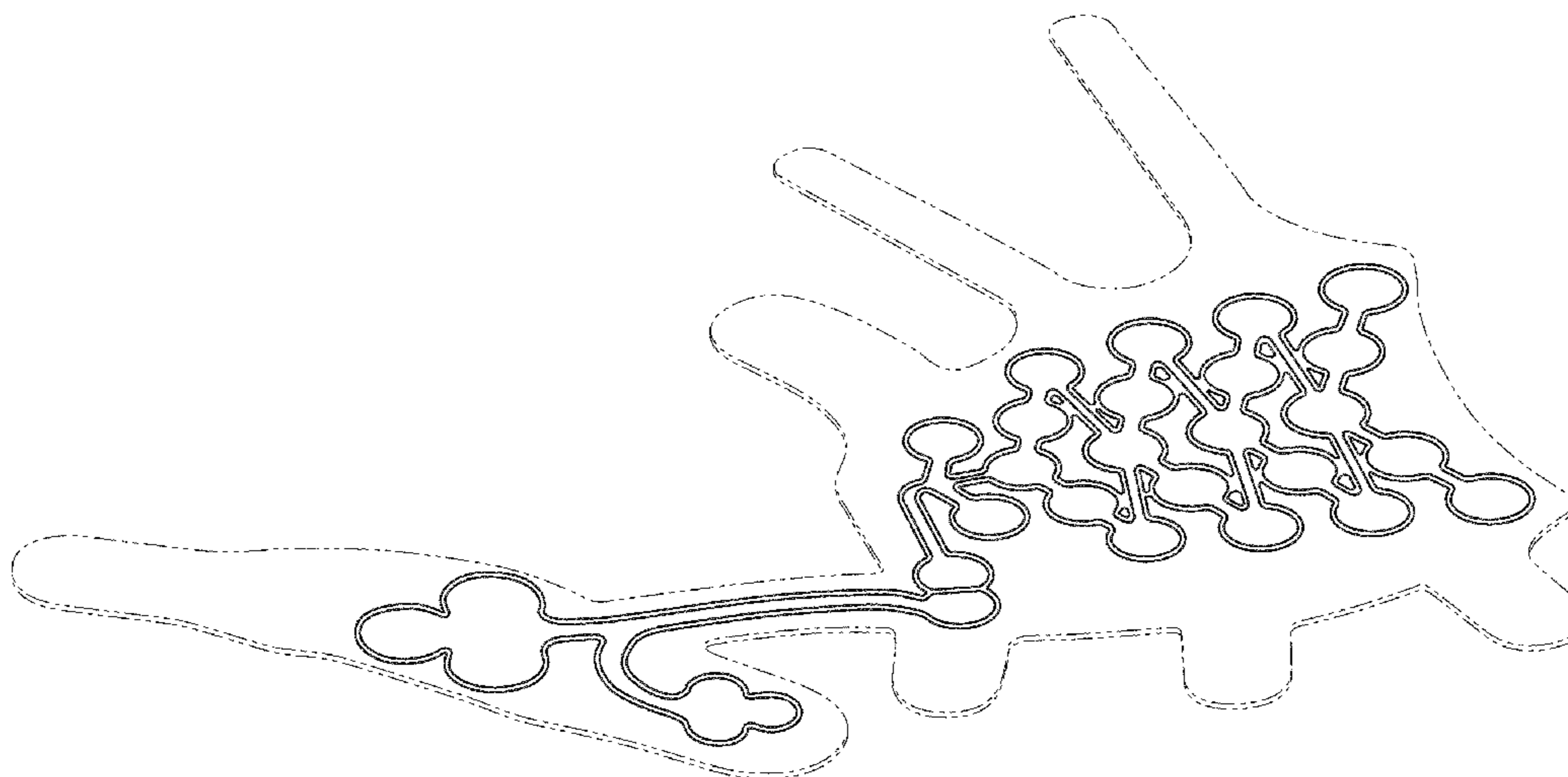
FIG. 5 is a side edge view the constellation of chambers for  
distributing pneumatic pressure, viewed along the left side  
presented in FIG. 2.

FIG. 6 is a side edge view the constellation of chambers for  
distributing pneumatic pressure, viewed along the top side  
presented in FIG. 2; and,

FIG. 7 is a side edge view the constellation of chambers for  
distributing pneumatic pressure, viewed along the bottom  
side presented in FIG. 2.

The broken lines in the Figures, which show the outline of a  
representative garment that carries the constellation of cham-  
bers for distributing pneumatic pressure, are included for the  
purpose of illustrating environment and form no part of the  
claimed design.

**1 Claim, 4 Drawing Sheets**



# US D682,439 S

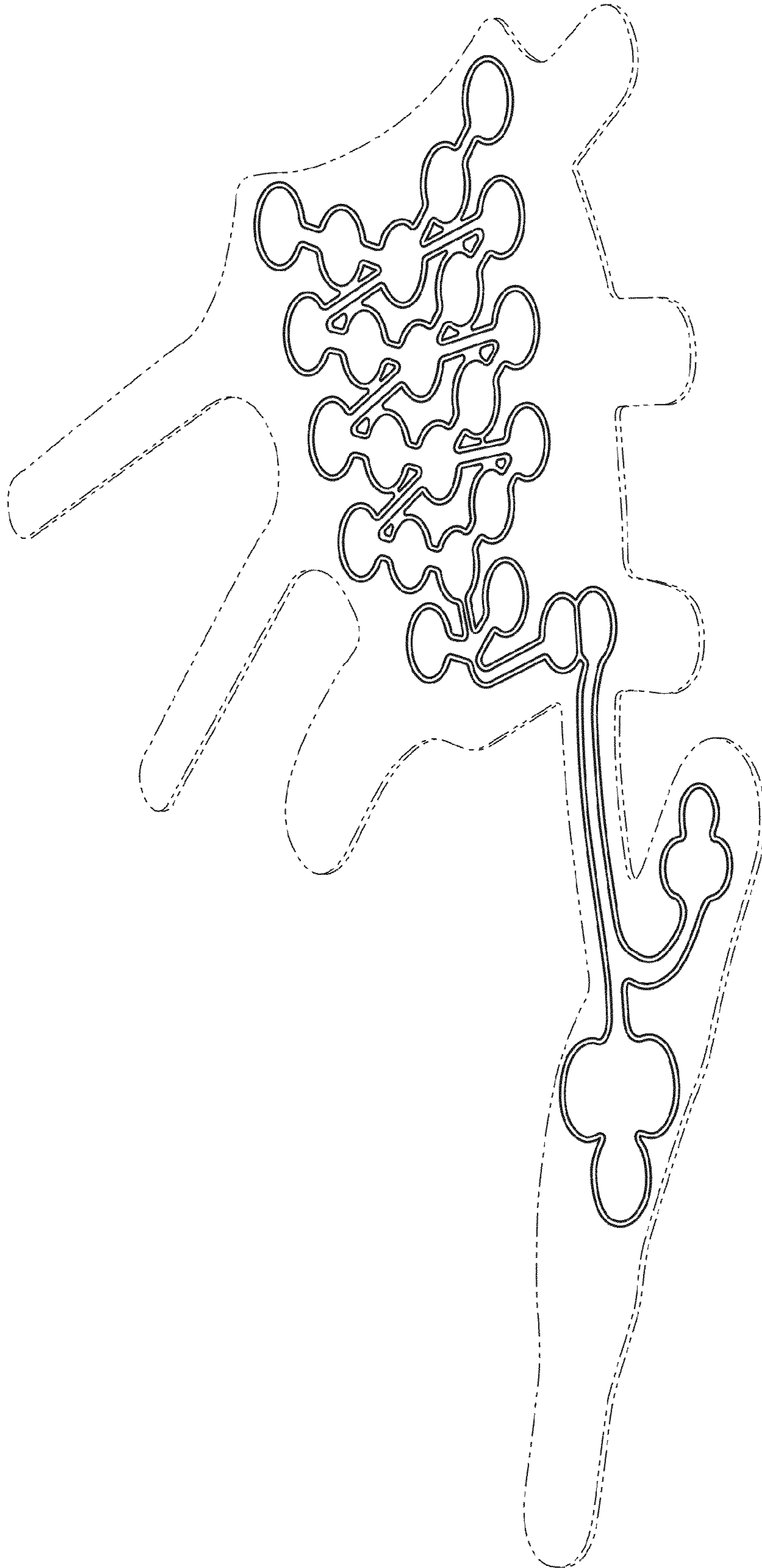
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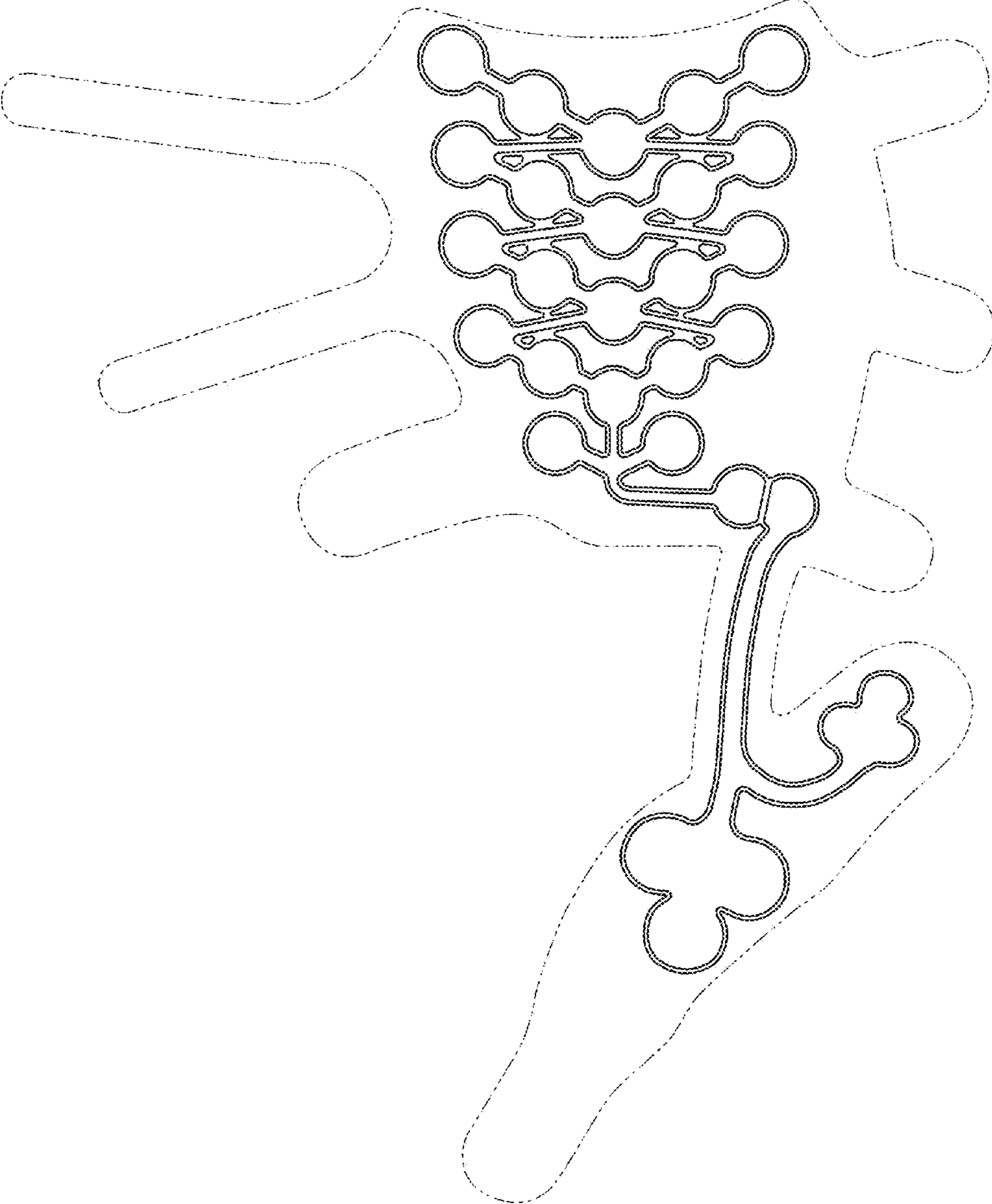
## U.S. PATENT DOCUMENTS

D383,848 S *	9/1997	Mason et al. ....	D24/206	6,847,836 B1 *	1/2005	Sujdak .....	600/382
6,625,481 B2 *	9/2003	Bennett et al. ....	600/383	7,540,848 B2 *	6/2009	Hannigan et al. ....	602/2
6,823,549 B1 *	11/2004	Hampton et al. ....	5/713	D662,212 S *	6/2012	Quisenberry .....	D24/206

\* cited by examiner



*Fig. 1*



*Fig. 2*

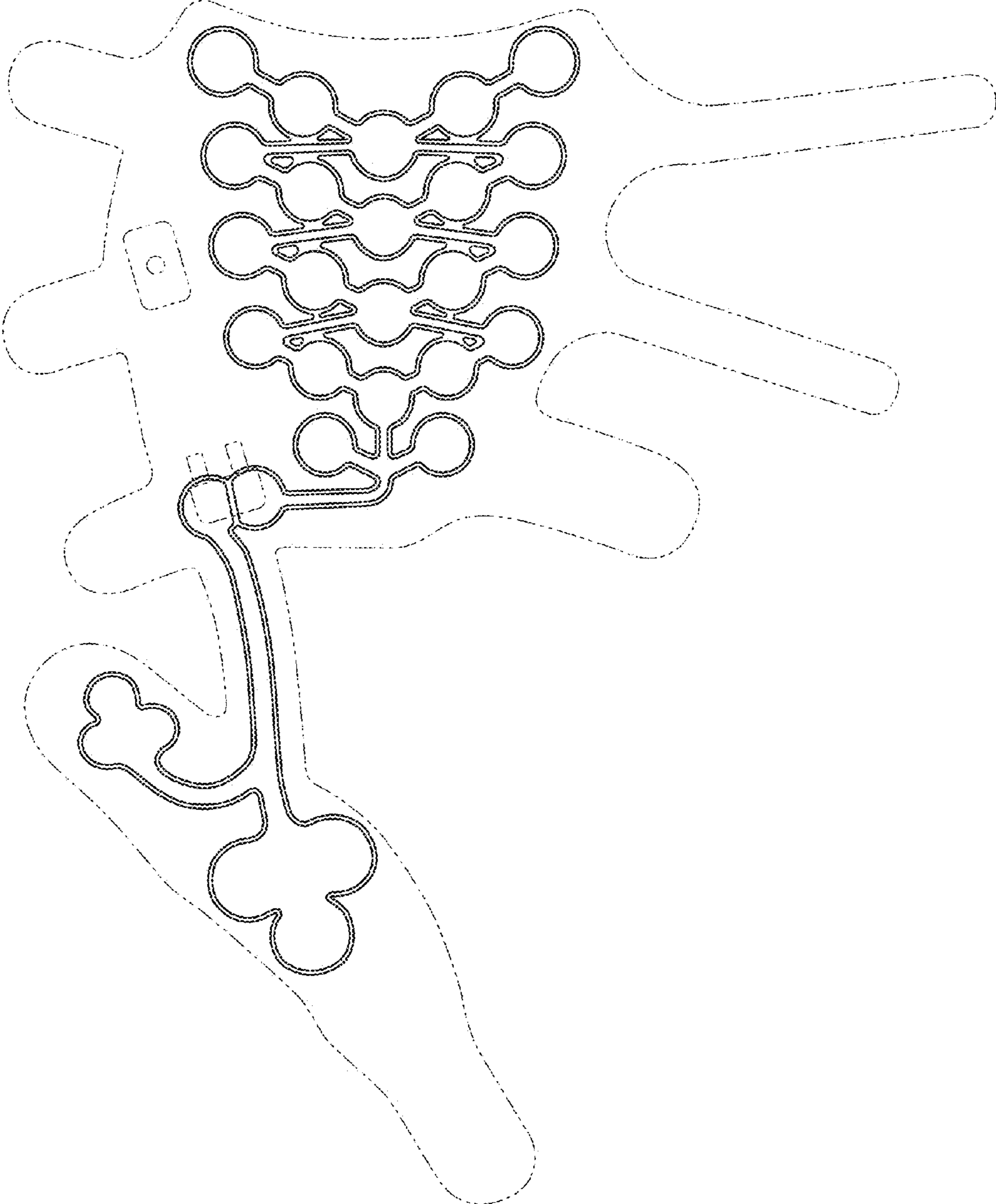
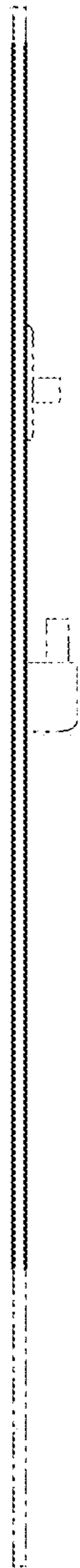


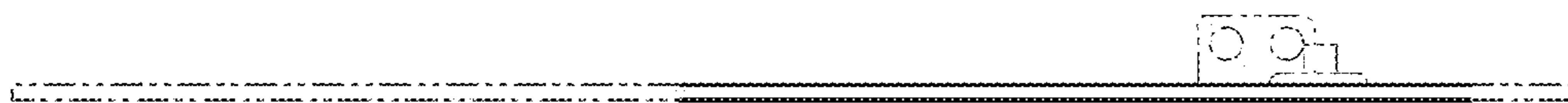
Fig. 3



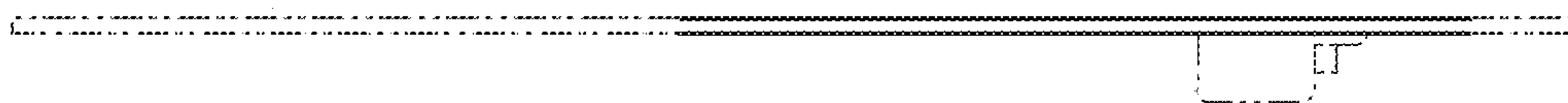
*Fig. 4*



*Fig. 5*



*Fig. 6*



*Fig. 7*