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

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(54) **RFID TAG**

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(73) Assignee: **Murata Manufacturing Co., Ltd.**

(\*\*) Term: **15 Years**

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(51) **LOC (13) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/230**

(58) **Field of Classification Search**  
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D20/18, 19, 22, 27, 40, 42, 43, 44, 99;  
D10/106.9, 106.91, 106.93, 106.94  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D814,447 S \* 4/2018 Forster ..... D14/230  
D860,175 S \* 9/2019 Man ..... D14/230  
(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 303181346 \* 4/2015

**OTHER PUBLICATIONS**

Small Antennas, www.hindawi.com, May 23, 2016. <https://www.hindawi.com/journals/ijap/2016/2951659/> (Year: 2016).\*

(Continued)

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(57) **CLAIM**

The ornamental design for an RFID tag, as shown and described.

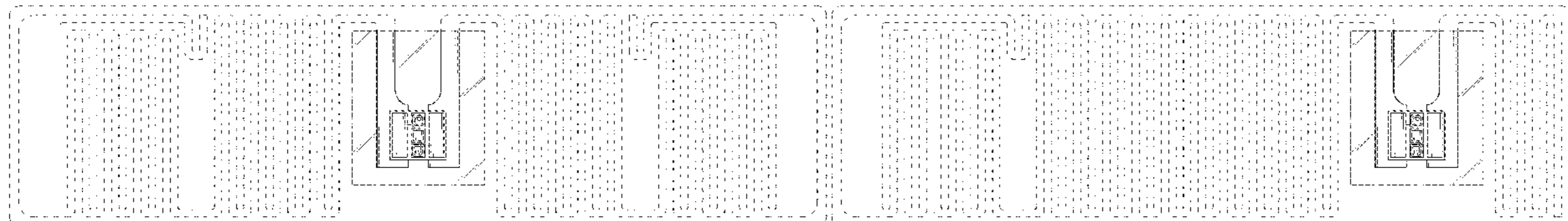
**DESCRIPTION**

FIG. 1 is a front, bottom, and right side perspective view of a first embodiment of an RFID tag showing our new design; FIG. 2 is a rear, top, and left side perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a top view thereof; FIG. 6 is a bottom view thereof; FIG. 7 is a right side view thereof; FIG. 8 is a left side view thereof; FIG. 9 is a front, bottom, and right side perspective view of a second embodiment of an RFID tag showing our new design; FIG. 10 is a rear, top, and left side perspective view thereof; FIG. 11 is a front view thereof; FIG. 12 is a rear view thereof; FIG. 13 is a top view thereof; FIG. 14 is a bottom view thereof; FIG. 15 is a right side view thereof; and, FIG. 16 is a left side view thereon.

The broken lines shown in the drawings illustrate portions of the RFID tag that form no part of the claimed design. The dash-dot lines illustrate a boundary of the RFID tag that forms no part of the claimed design.

The oblique surface shading in FIGS. 1, 3, 9 and 11 illustrates transparent portions of the RFID tag that form part of the claimed design.

**1 Claim, 16 Drawing Sheets**



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(58) Field of Classification Search

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 19/0775; G06K 19/07758; G06K  
 19/0776; G06K 19/07773; G06K  
 19/07775; G06K 19/07783; G06K  
 19/07786; H01Q 7/00; H01Q 9/0407;  
 H01Q 9/065; H01Q 9/16; H01Q 9/285;  
 H01Q 9/26; H01Q 1/2283

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D907,015 S \* 1/2021 Atojoko ..... H01Q 1/2283  
 D14/230  
 D909,352 S \* 2/2021 Howard ..... G06K 19/07764  
 D14/230  
 D909,353 S \* 2/2021 Howard ..... G06K 19/07728  
 D14/230  
 D911,318 S \* 2/2021 Atojoko ..... D14/230  
 D917,435 S \* 4/2021 Forster ..... H01Q 5/335  
 D14/230  
 10,970,610 B2 \* 4/2021 Ueki ..... G06K 19/07773  
 10,971,796 B2 \* 4/2021 Kato ..... H01Q 5/335

D918,877 S \* 5/2021 Benli ..... H01Q 7/00  
 D14/230  
 D919,606 S \* 5/2021 Benli ..... H01Q 1/36  
 D14/230  
 11,003,980 B2 \* 5/2021 Kato ..... G06K 19/07728  
 D924,853 S \* 7/2021 Forster ..... D14/230  
 D926,167 S \* 7/2021 Forster ..... D14/230  
 D926,168 S \* 7/2021 Forster ..... D14/230  
 D929,975 S \* 9/2021 Abdul Rahman ..... D14/230  
 2021/0034939 A1 \* 2/2021 Ueki ..... H01Q 1/2225  
 2021/0083390 A1 \* 3/2021 Yazaki ..... G06K 19/077  
 2021/0083391 A1 \* 3/2021 Ueki ..... G06K 19/07786  
 2021/0126367 A1 \* 4/2021 Kosaka ..... H01Q 7/00  
 2021/0182644 A1 \* 6/2021 Lim ..... G06K 19/07749  
 2021/0182649 A1 \* 6/2021 Ueki ..... H04B 1/59  
 2021/0210831 A1 \* 7/2021 Kosaka ..... H01Q 1/36  
 2021/0271951 A1 \* 9/2021 Moon ..... G06K 19/07764  
 2021/0342665 A1 \* 11/2021 Shimai ..... G06K 19/07728  
 2021/0350199 A1 \* 11/2021 Yamawaki ..... G06K 19/07752  
 2021/0367325 A1 \* 11/2021 Kato ..... H01Q 1/2283

OTHER PUBLICATIONS

UHF RFID tag types, www.nfctagfactory.com, Nov. 3, 2017. <https://www.nfctagfactory.com/news/UHF-RFID-tag-types-and-14-typical-applications.html> (Year: 2017).\*

RFID Inlays, www.rfid4ustore.com, Feb. 19, 2019. <https://rfid4ustore.com/blog/rfid-inlays-rfid-tags-rfid-labels/> (Year: 2019).\*

\* cited by examiner

Fig. 1

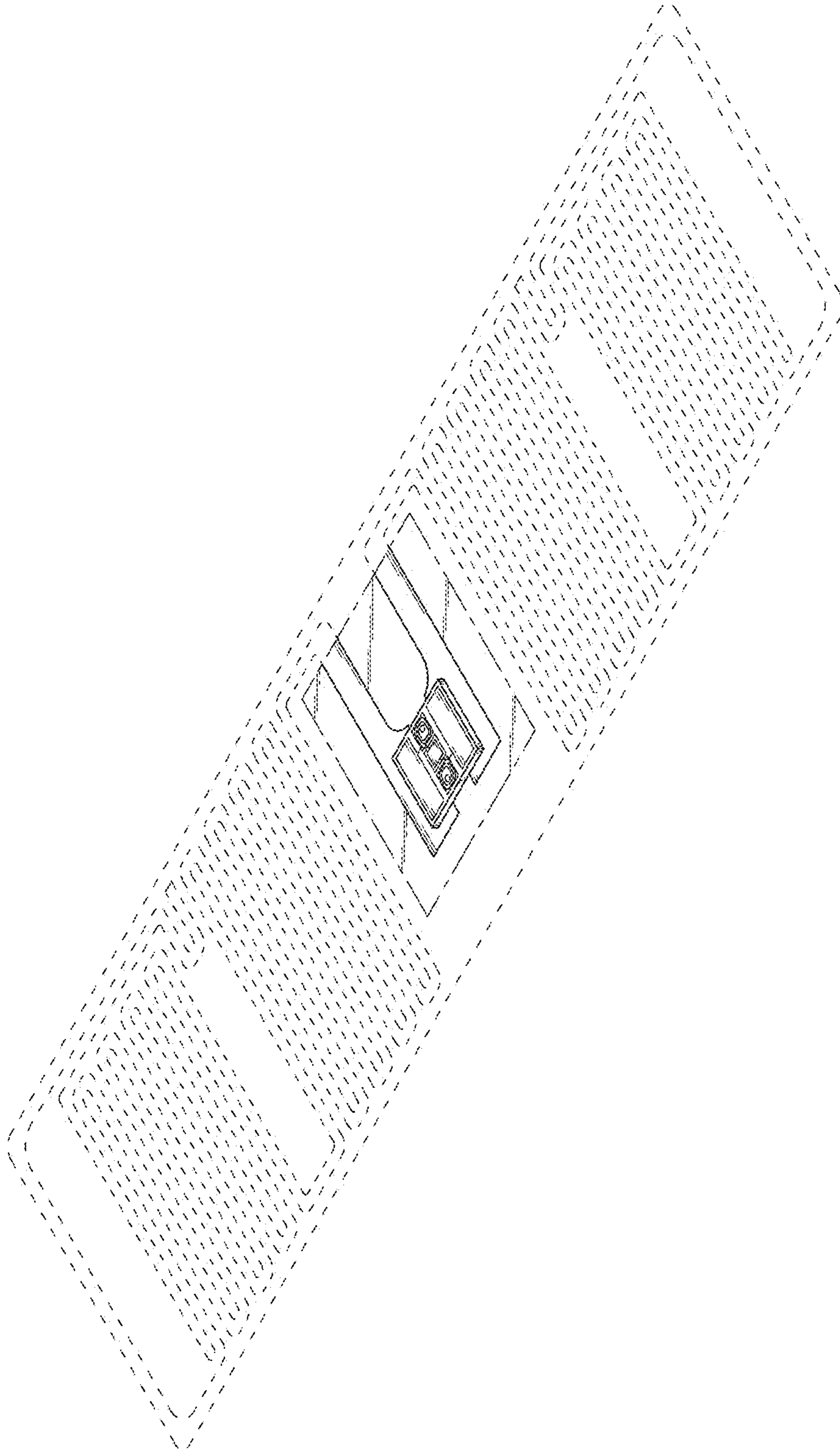


Fig.2

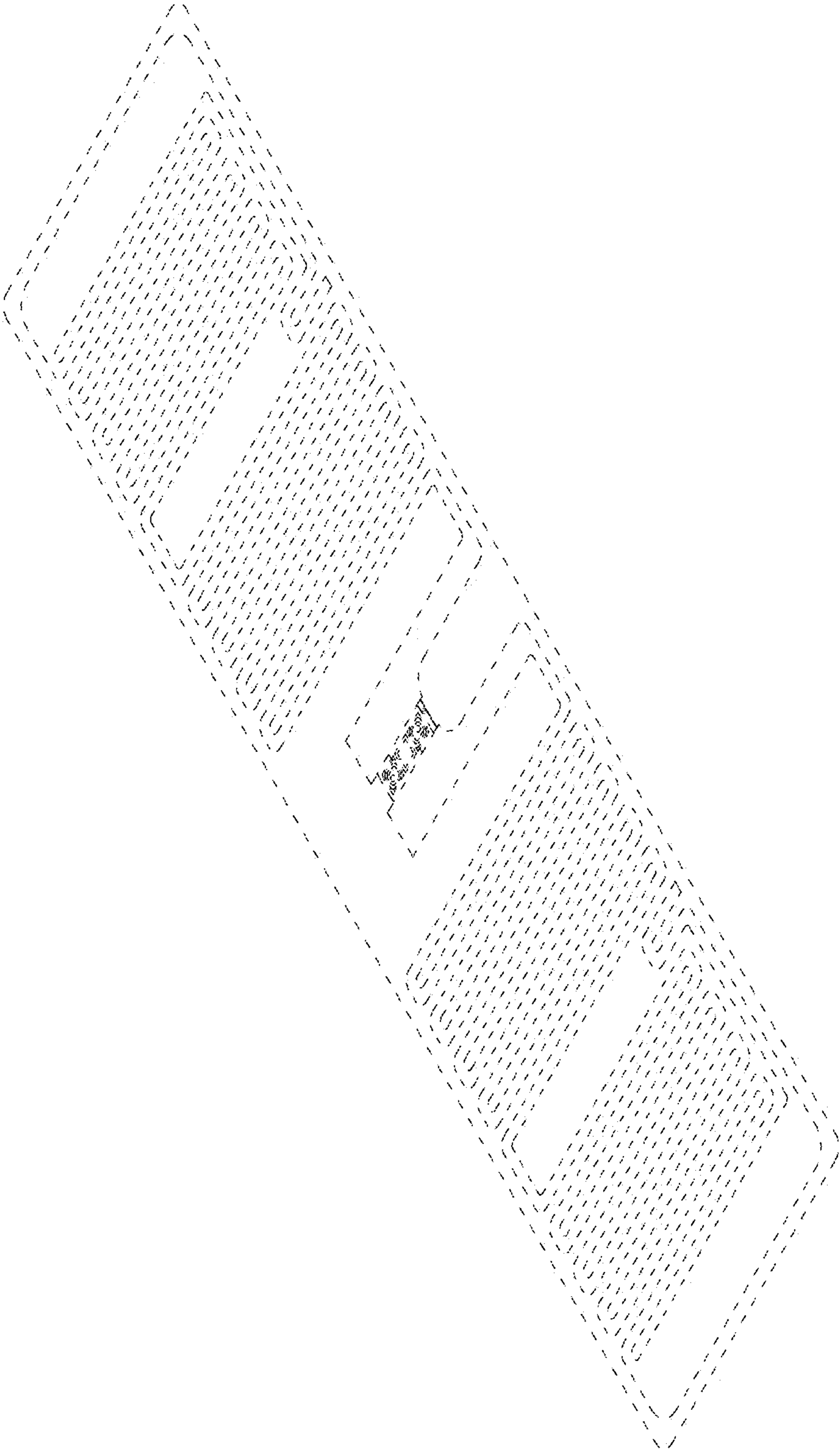


Fig. 3

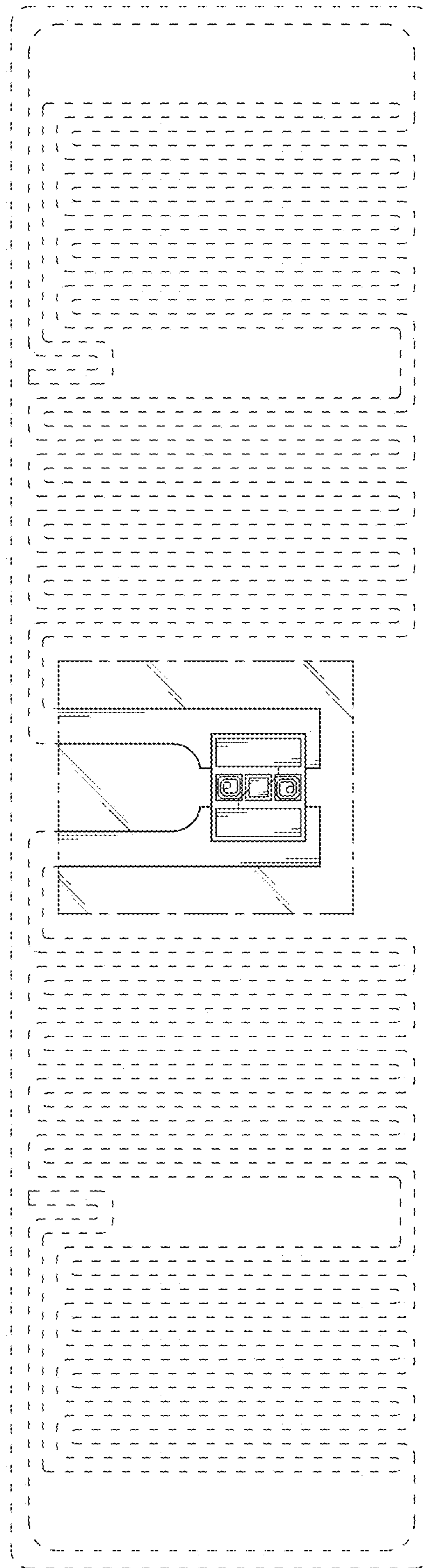


Fig.4

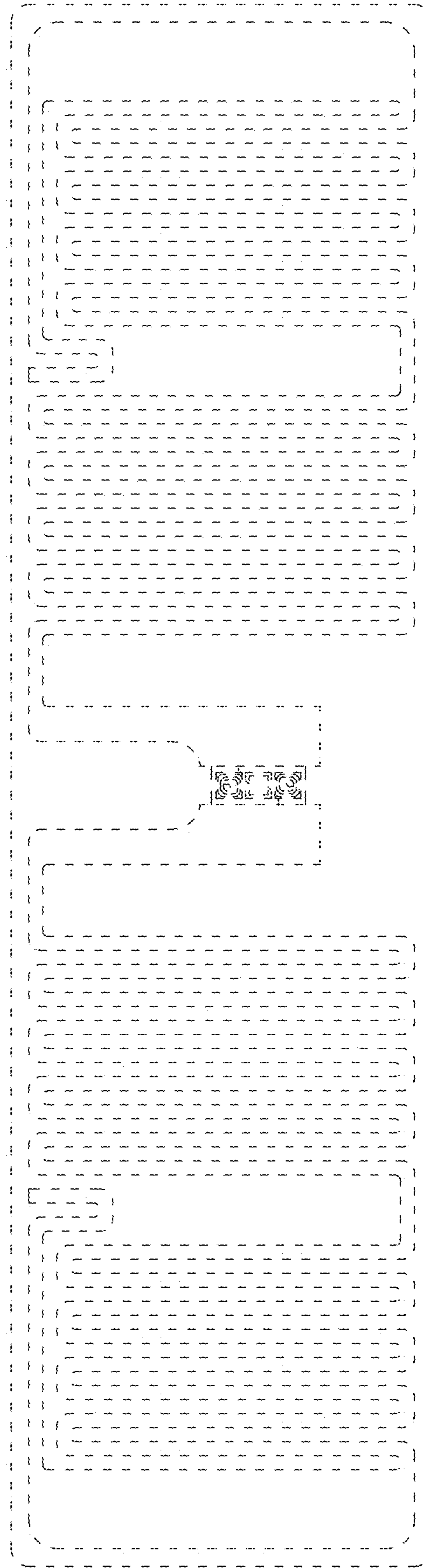


Fig. 5

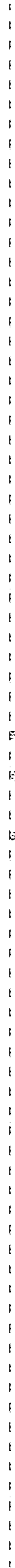


Fig. 6

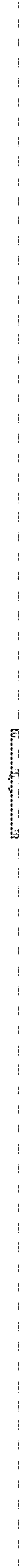




Fig. 7

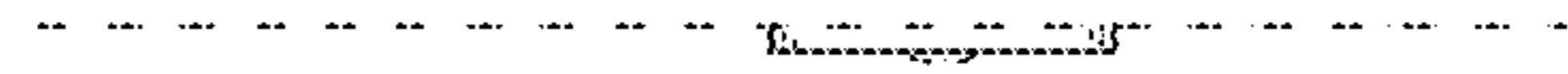


FIG. 8

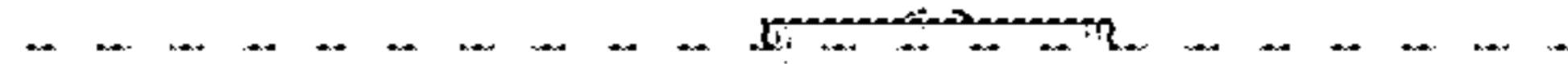


Fig. 9

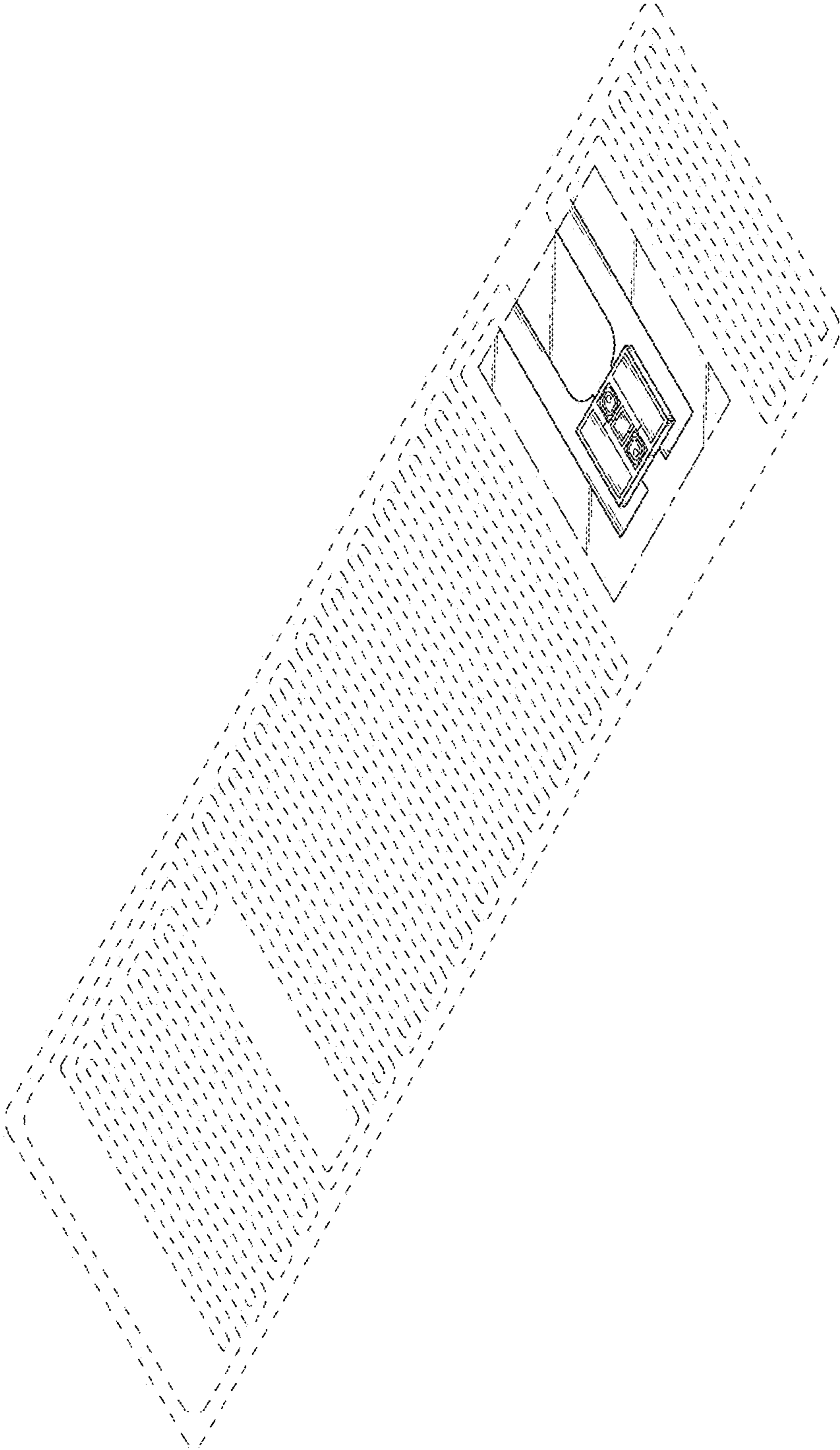


Fig.10

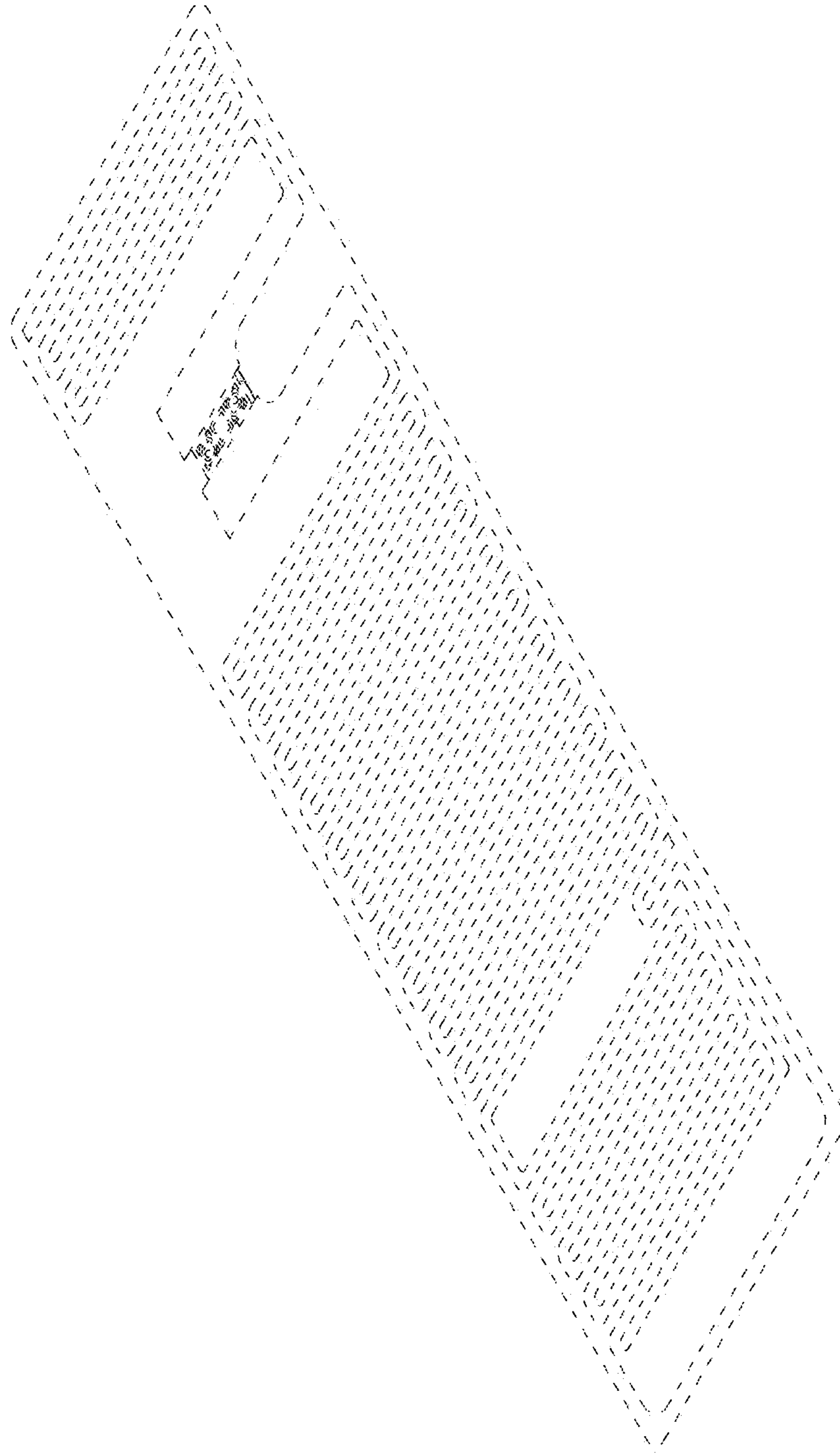


Fig. 11

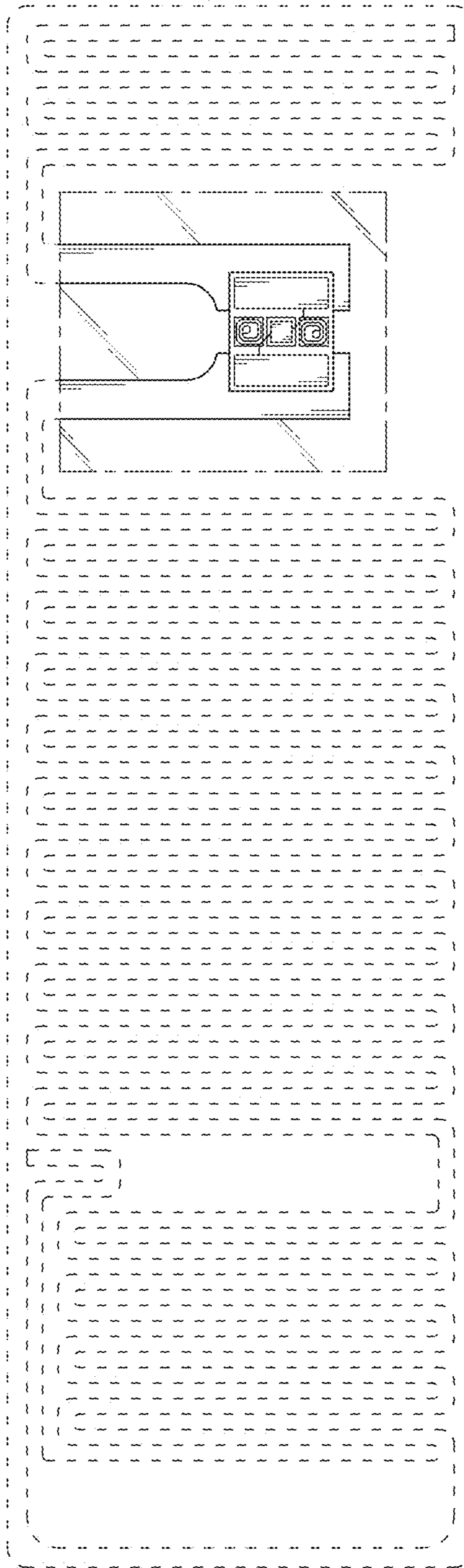


Fig.12

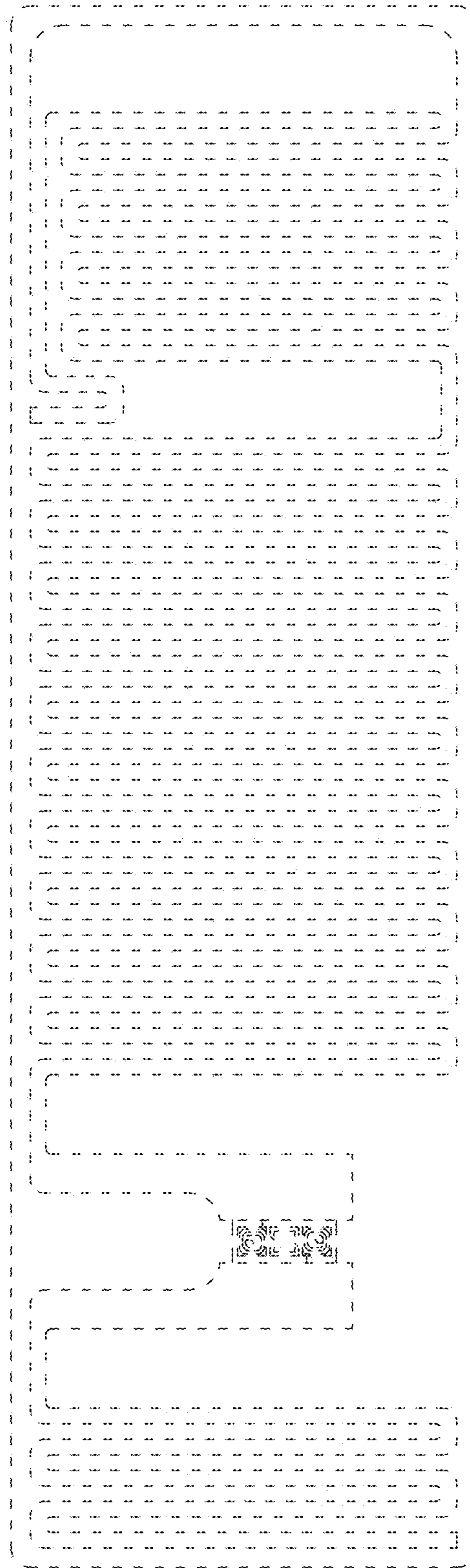


Fig. 13

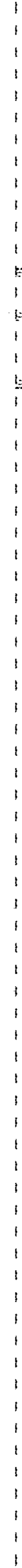


Fig. 14





Fig. 15

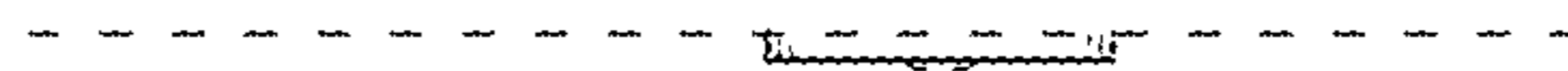


Fig. 16

