



US00D870299S

(12) **United States Design Patent** (10) **Patent No.:** **US D870,299 S**
Lin (45) **Date of Patent:** **** *Dec. 17, 2019**

(54) **ELECTRICAL MUSCLE STIMULATION
TRAINER SET**

(71) Applicant: **Shenzhen Heigou Industrial Co., Ltd,**
Shenzhen (CN)

(72) Inventor: **Zhihui Lin,** Shenzhen (CN)

(73) Assignee: **Shenzhen Heigou Industrial Co., Ltd,**
Shenzhen (CN)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/599,382**

(22) Filed: **Apr. 3, 2017**

(51) **LOC (12) Cl.** **28-03**

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

(58) **Field of Classification Search**
USPC D24/171, 185, 186, 187, 188, 200, 201,
D24/206, 207, 209, 215; D29/101.3,
D29/101.5; D3/205, 299; D21/683;
128/95.1, 96.1, 99.1, 845, 846, 112.1;
602/2, 5, 6, 41; 607/1, 48
CPC ... A61N 1/04; A61N 1/06; A61N 1/18; A61N
1/26; A61N 1/36; A61N 1/0424; A61N
1/0484; A61N 1/0456; A61N 1/0452;
A61N 1/0476; A61N 1/36014; A61B
5/00; A61B 5/02; A61B 5/0006; A61H
23/00; A61H 23/006; A61H 2205/00;
A61H 2205/084; A61H 1/00; A61H
2001/0233

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D383,848 S * 9/1997 Mason D24/206
D533,668 S * 12/2006 Brown D24/200
D534,871 S * 1/2007 Larsen D13/162

D632,845 S * 2/2011 Green D29/101.3
D662,213 S * 6/2012 Quisenberry D24/206
D679,823 S * 4/2013 Daniels D24/206
D744,168 S * 11/2015 Best D29/101.3
D762,869 S * 8/2016 Beckman D24/206
D786,447 S * 5/2017 Bigelow D24/206
D794,812 S * 8/2017 Matsushita D24/200
D797,301 S * 9/2017 Chen D24/200
D797,948 S * 9/2017 Matsushita D24/200
D810,311 S * 2/2018 Chen D24/200

(Continued)

FOREIGN PATENT DOCUMENTS

EP 3269420 A1 * 1/2018
JP 2016202690 A * 12/2016 A61H 1/00

OTHER PUBLICATIONS

Imate Vinnare Muscle Toner; Retrieved from <https://www.amazon.com>; Retrieved on Apr. 9, 2018 https://www.amazon.com/Abdominal-Training-Portable-Fitness-Exercise/dp/B06W2JNBMX/ref=sr_1_34_sspa?ie=UTF8&qid=1523308863&sr=8-34-spons&keywords=abs+stimulator&psc=1; Reviewed Oct. 9, 2017 (Year: 2017).*

Primary Examiner — Wan Laymon
Assistant Examiner — Clint A Samuel
(74) *Attorney, Agent, or Firm* — MU P.C.

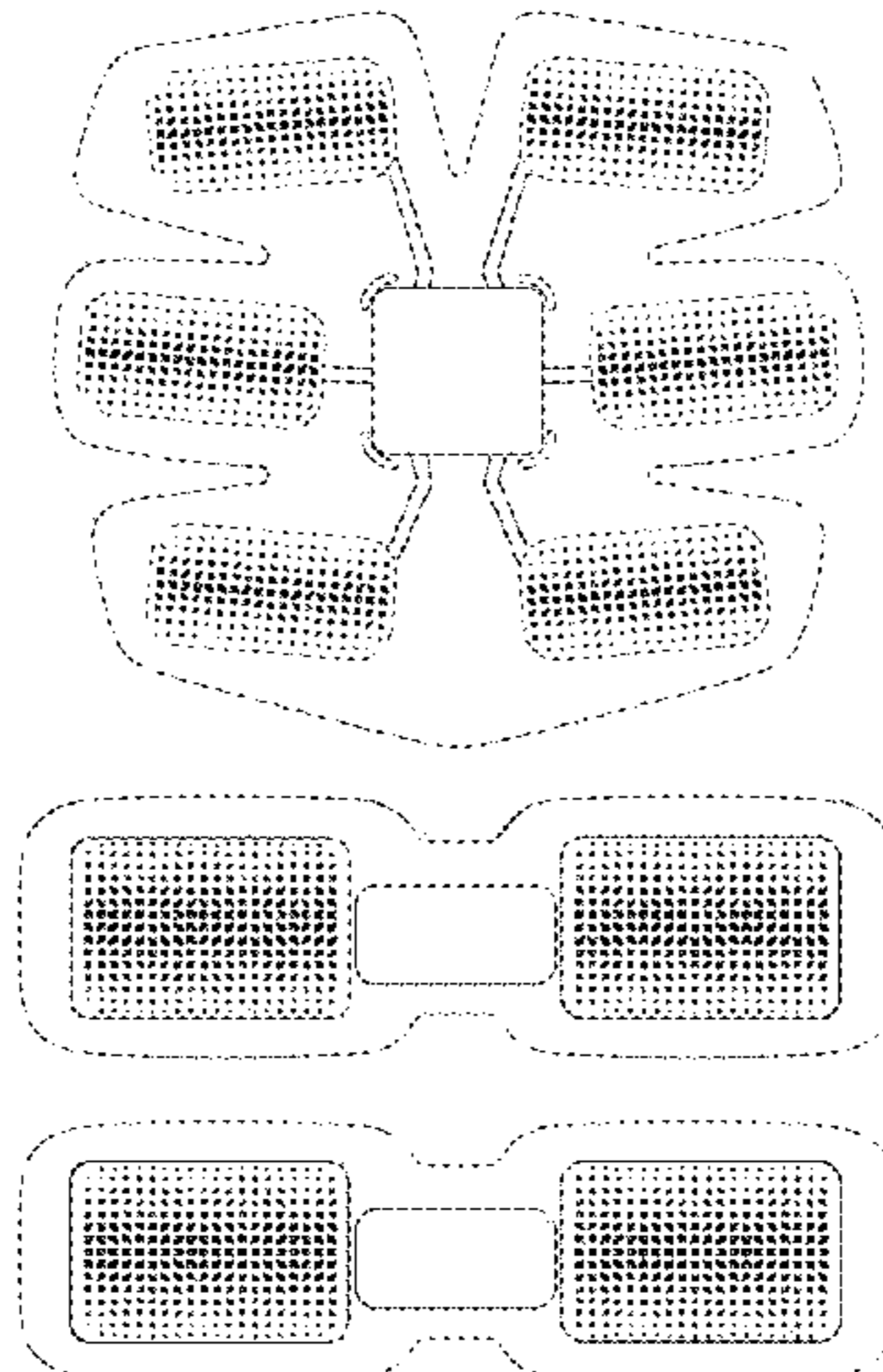
(57) **CLAIM**

The ornamental design for an electrical muscle stimulation trainer set, as shown and described.

DESCRIPTION

FIG. 1 is a rear elevation view of a electrical muscle stimulation trainer set showing our new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a left side elevation view thereof; and,
FIG. 6 is a right side elevation view thereof.
The broken lines illustrate portions of the electrical muscle stimulation trainer that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0036019 A1* 2/2017 Matsushita A61N 1/0452
2017/0368345 A1* 12/2017 Kong A61N 1/0456

* cited by examiner

FIG. 1

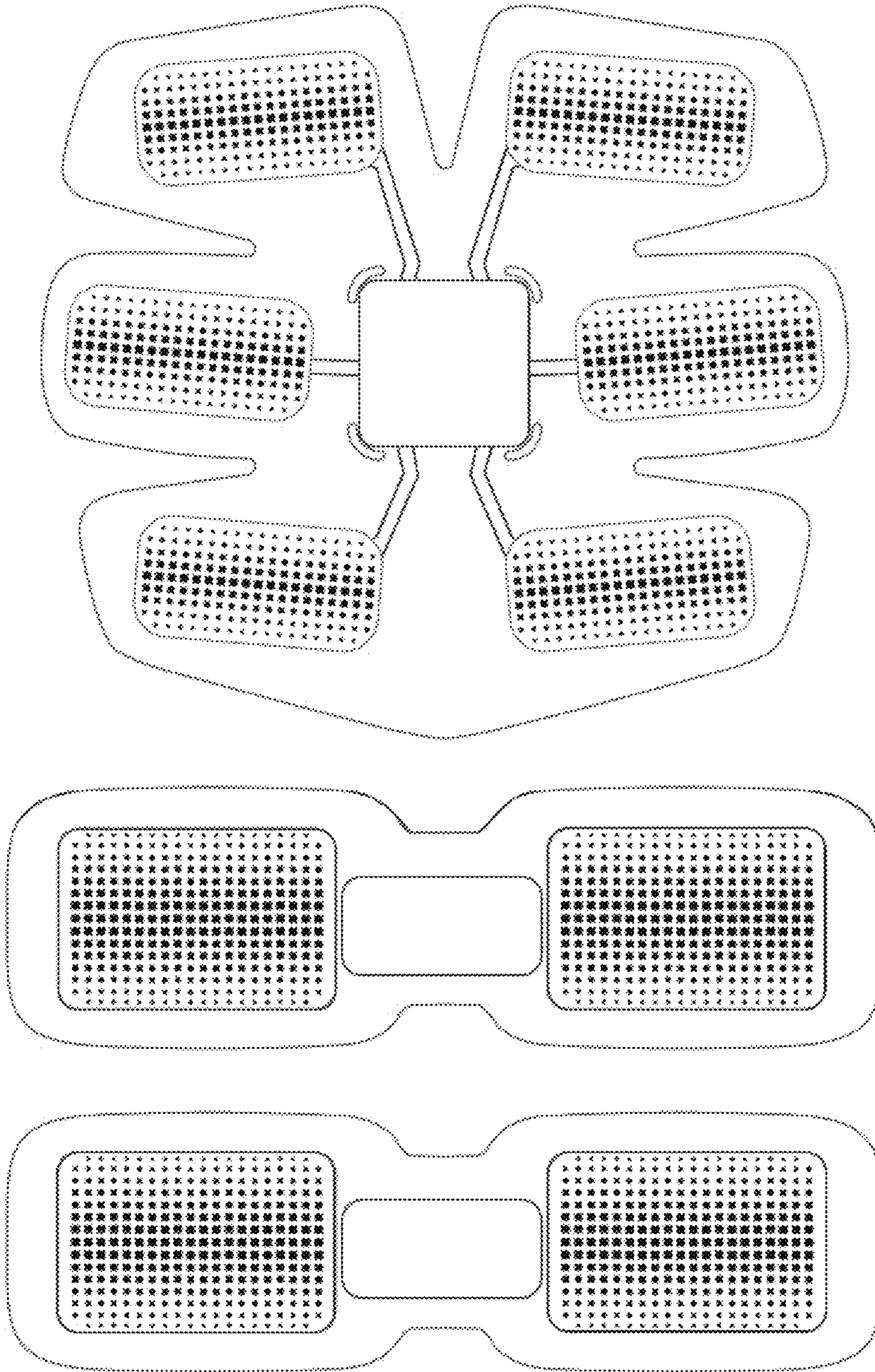


FIG. 2

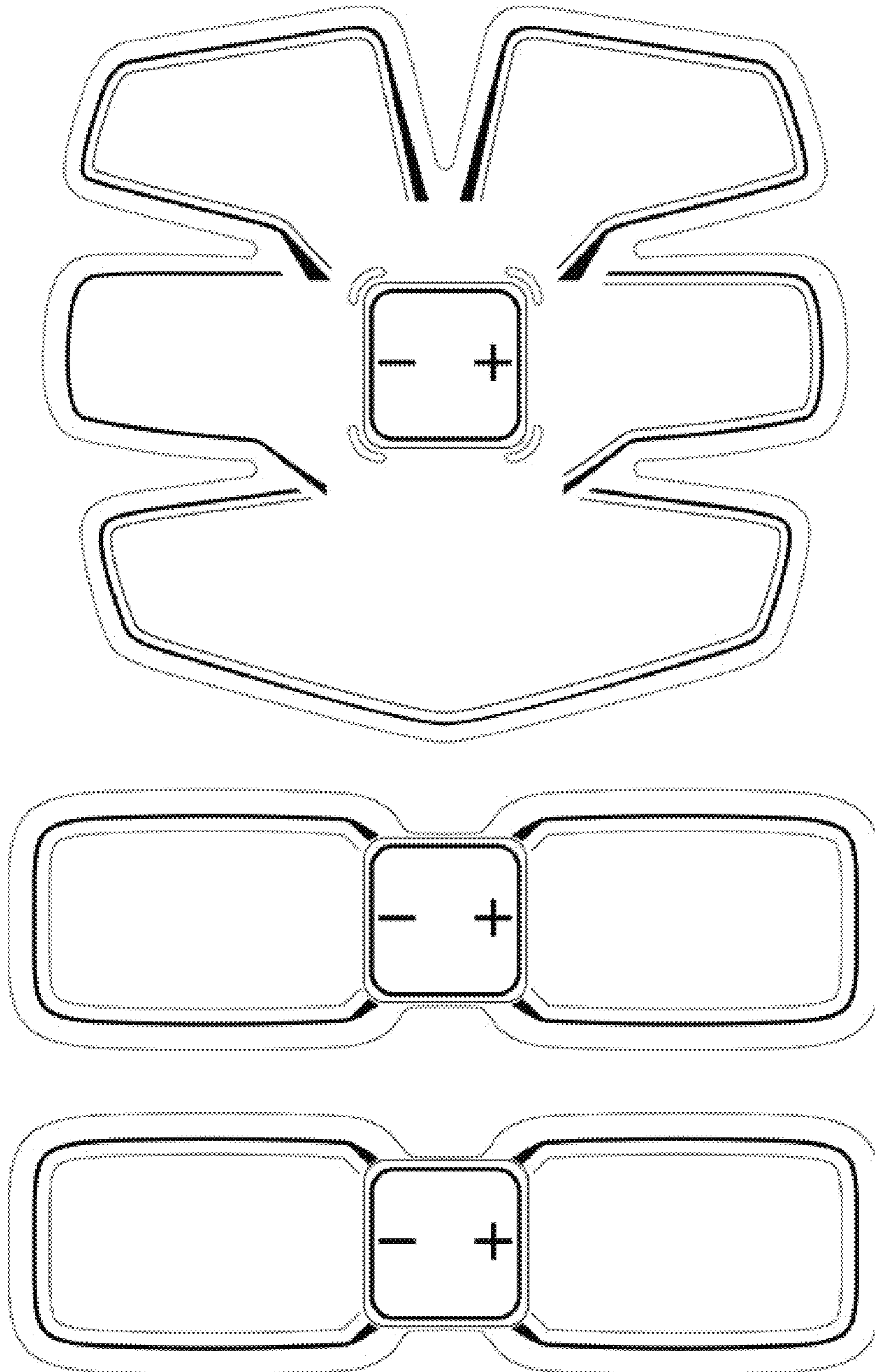


FIG. 3

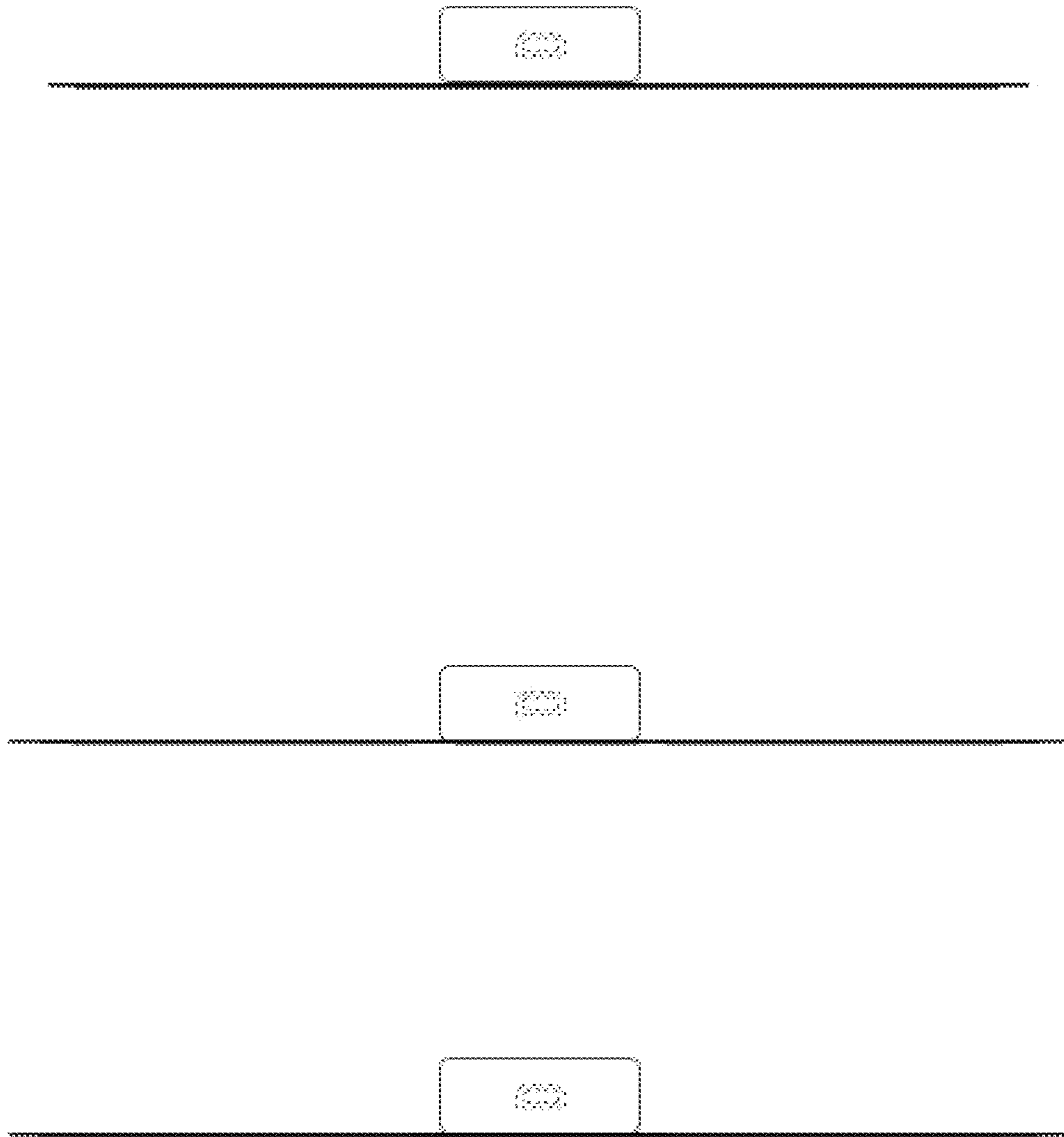


FIG. 4

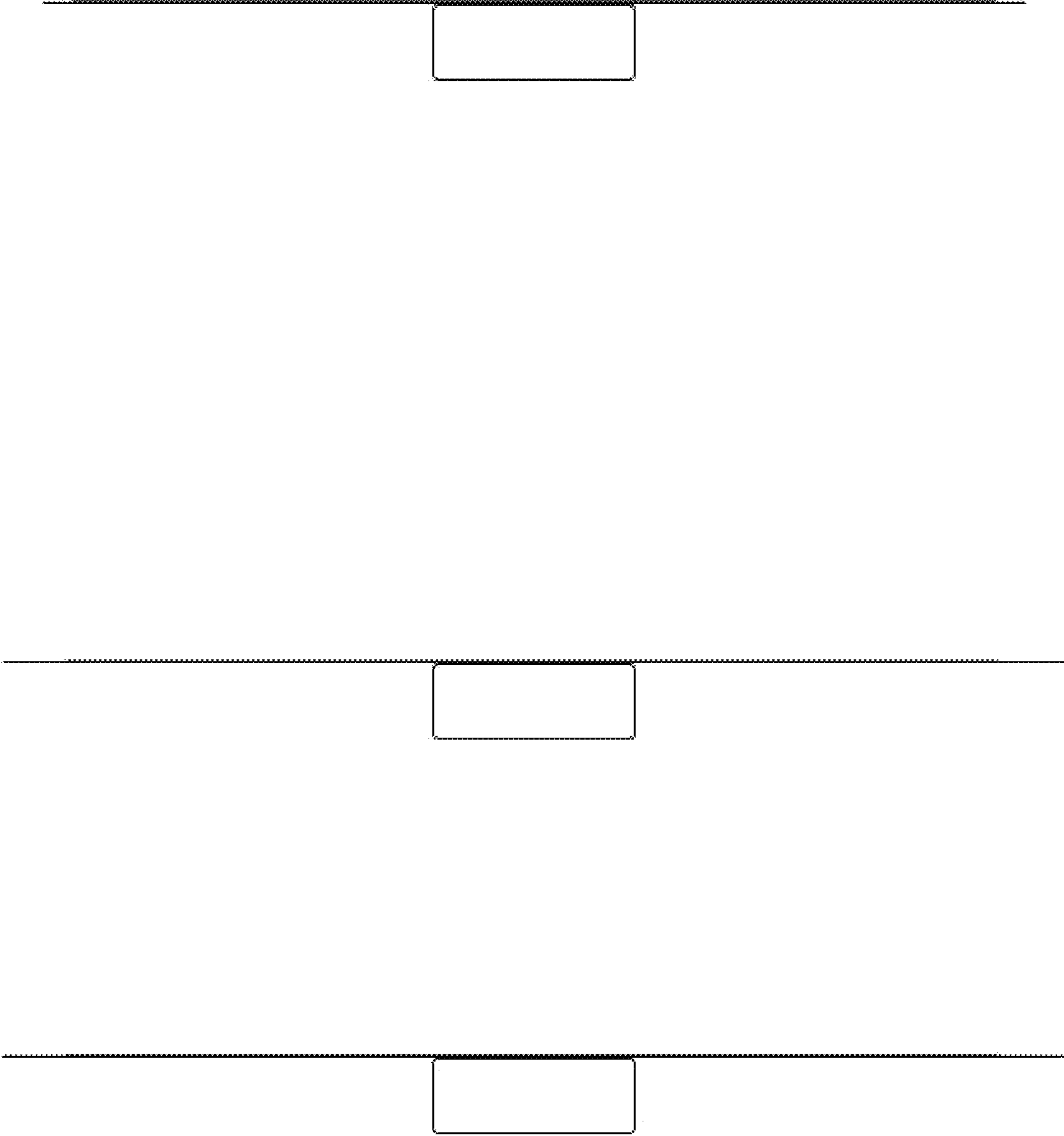


FIG. 5

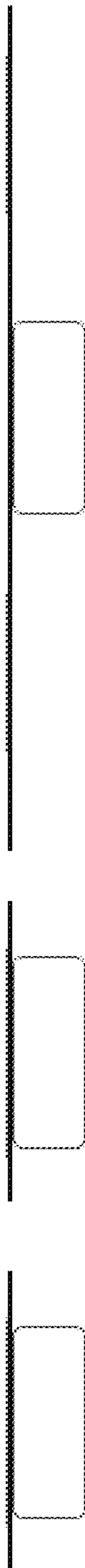


FIG. 6

