



US00D933243S

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

(10) **Patent No.:** **US D933,243 S**

(45) **Date of Patent:** **** Oct. 12, 2021**

- (54) **ELECTROCARDIOGRAPHIC DEVICE**
- (71) Applicant: **HEXACHECK INC.**, Daejeon (KR)
- (72) Inventor: **In-Duk Hwang**, Sejong (KR)
- (73) Assignee: **HEXACHECK INC.**, Daejeon (KR)

D854,697	S	*	7/2019	Yang	.....	D24/200
D857,214	S	*	8/2019	Matsushita	.....	D24/200
D865,193	S	*	10/2019	Matsushita	.....	D24/200
D865,194	S	*	10/2019	Matsushita	.....	D24/200
D918,392	S	*	5/2021	Hwang	.....	D24/167
D919,095	S	*	5/2021	Hwang	.....	D24/167
D921,901	S	*	6/2021	Hwang	.....	D24/167
2020/0315480	A1	*	10/2020	Hwang	.....	A61B 5/02055

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

(21) Appl. No.: **35/509,779**

(22) Filed: **Jan. 7, 2020**

(80) **Hague Agreement Data**

Int. Filing Date: **Jan. 7, 2020**
 Int. Reg. No.: **DM/206258**
 Int. Reg. Date: **Jan. 7, 2020**
 Int. Reg. Pub. Date: **Jul. 10, 2020**

(30) **Foreign Application Priority Data**

Jul. 12, 2019 (KR) 30-2019-0033614

(51) **LOC (13) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/187**

(58) **Field of Classification Search**

USPC D24/206, 168, 187, 200
 CPC .. A61B 5/02438; A61B 5/6823; A61B 5/0006
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D378,614	S	*	3/1997	Jensen	.....	D24/187
D402,762	S	*	12/1998	Szpur	.....	D24/200
D530,821	S	*	10/2006	Travis	.....	D24/210
D535,401	S	*	1/2007	Travis	.....	D24/206
D831,217	S	*	10/2018	Geissen	.....	D24/168
D846,133	S	*	4/2019	Matsushita	.....	D24/200
D851,260	S	*	6/2019	Cryan	.....	D24/187

OTHER PUBLICATIONS

NY Times. Our Favorite Baby-Proofing Tools. May 2, 2019. <https://www.nytimes.com/wirecutter/reviews/our-favorite-baby-proofing-tools/> (Year: 2019).*

Cleveland Clinic. Implantable Cardioverter Defibrillator (ICD). Jul. 18, 2019. <https://my.clevelandclinic.org/health/treatments/17123-implantable-cardioverter-defibrillator-icd> (Year: 2019).*

(Continued)

Primary Examiner — Darcey E Gottschalk
(74) *Attorney, Agent, or Firm* — IPLA P.A.

(57) **CLAIM**

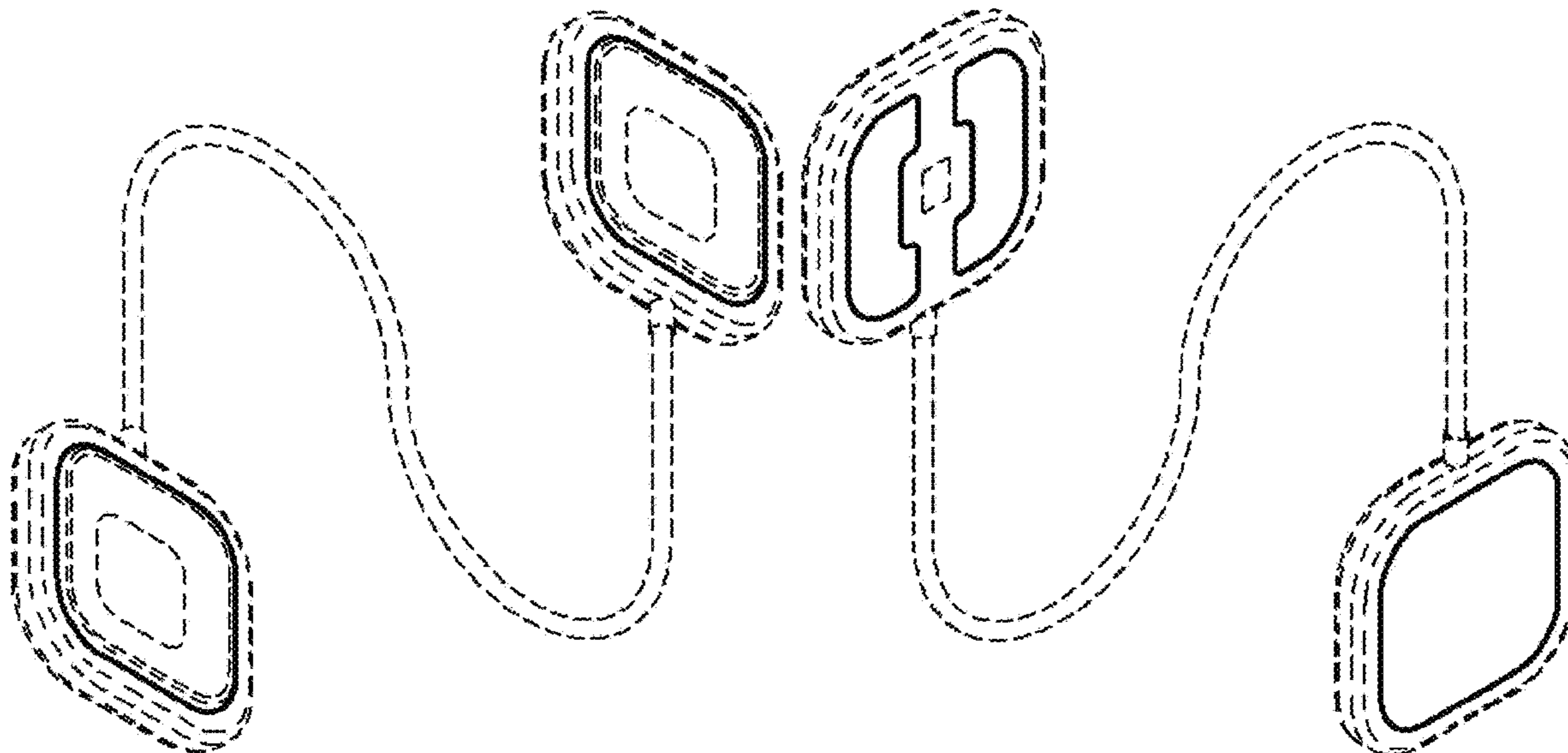
The ornamental design for an electrocardiographic device, as shown and described.

DESCRIPTION

1. Electrocardiographic device
- 1.1 : Bottom Front Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Left
- 1.5 : Right
- 1.6 : Top
- 1.7 : Bottom
- 1.8 : Top Back Perspective

The dashed broken lines in the figures show portions of the electrocardiographic device that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

Wikipedia. Defibrillation. Jun. 19, 2021. <https://en.wikipedia.org/wiki/Defibrillation> (Year: 2021).*

Amazon. Covidien Uni-Patch Specialty Series Tantone Electrode, 2" Square, 4-Pack. Aug. 23, 2018. <https://www.amazon.com/Functional-Linguistic-Communication-Inventory-Complete/dp/B07GSZ76S2> (Year: 2018).*

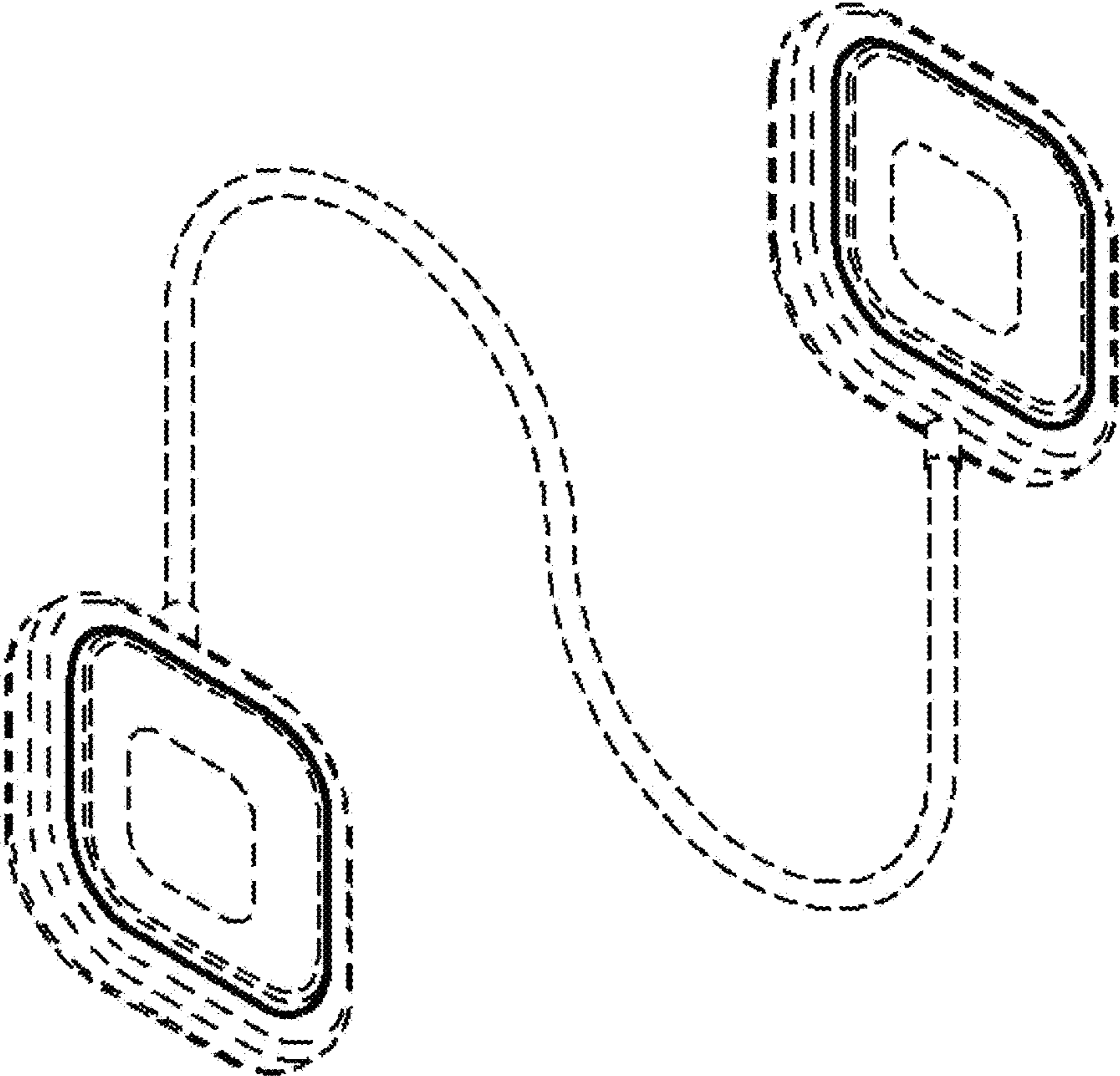
Cool Things. iPhone Controlled Philips BlueTouch Pain Relief Patch Helps You Soothe Aching Muscles. Sep. 17, 2014. <https://www.coolthings.com/philips-bluetouch/> (Year: 2014).*

Creaky Joints. Transcutaneous Electric Nerve Stimulation (TENS) for Arthritis Pain: Does It Help?. Jan. 21, 2020. <https://creakyjoints.org/treatment/transcutaneous-electric-nerve-stimulation-for-arthritis/> (Year: 2020).*

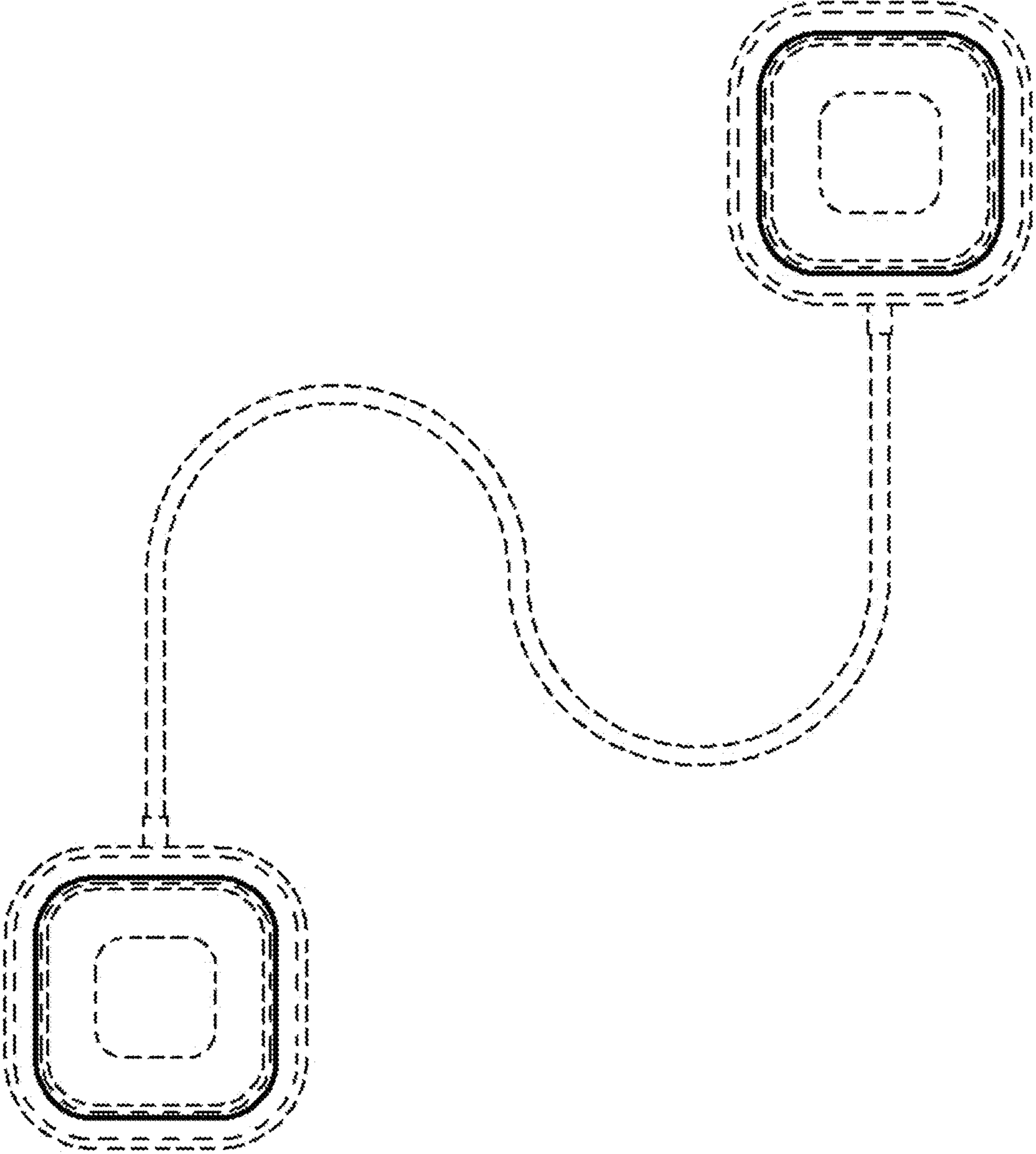
Amazon. Angel Premium TENS/EMS Unit 40 Electrode Pads 2"×2" in. Reusable Self Stick Gel Carbon Electrodes. Apr. 28, 2015. <https://www.amazon.com/Premium-Electrode-Reusable-Carbon-Electrodes/dp/B00VTWJJOE> (Year: 2015).*

* cited by examiner

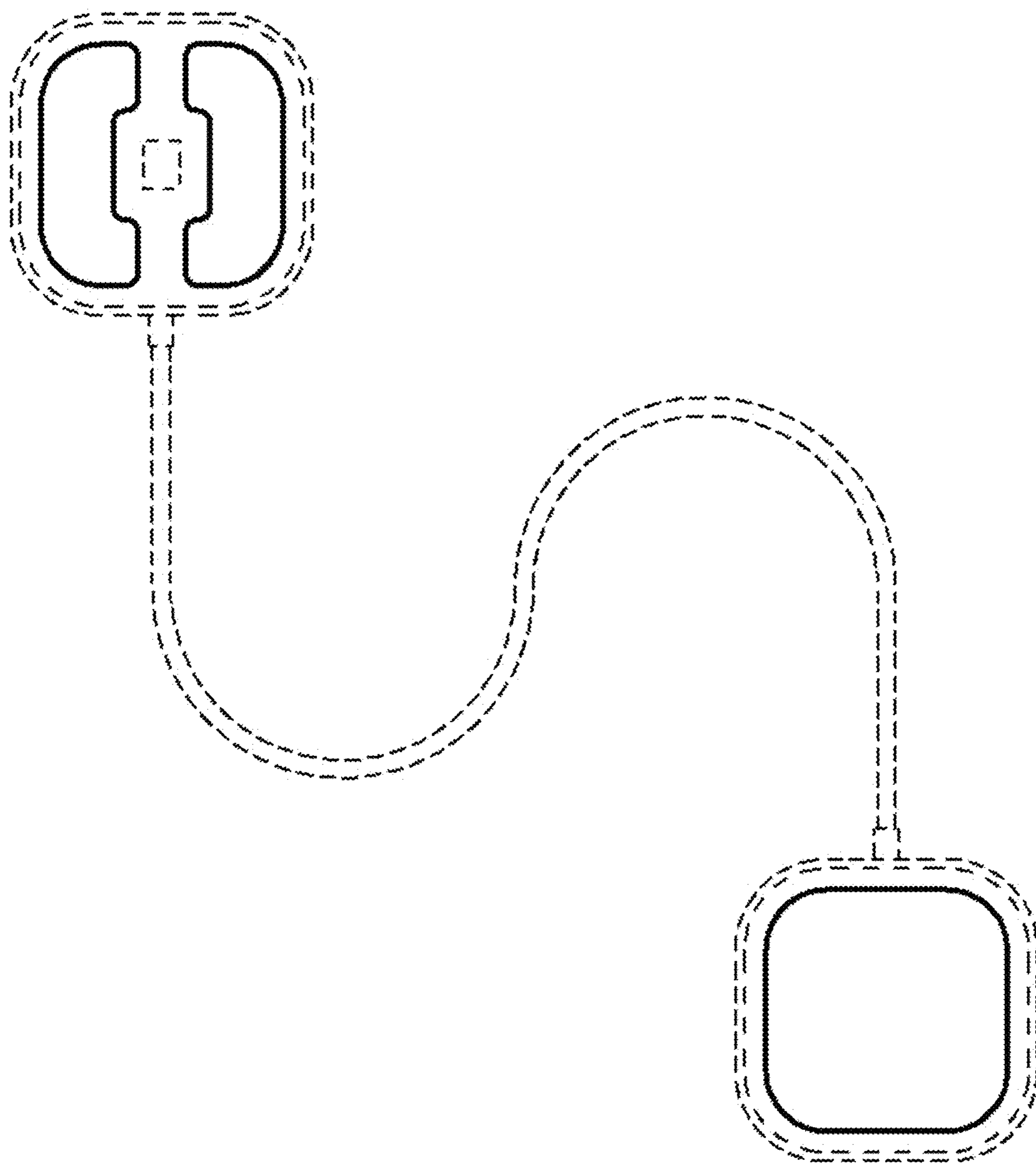
1.1



1.2



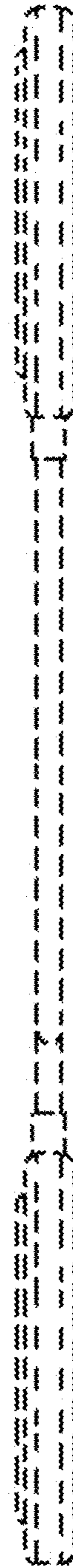
1.3



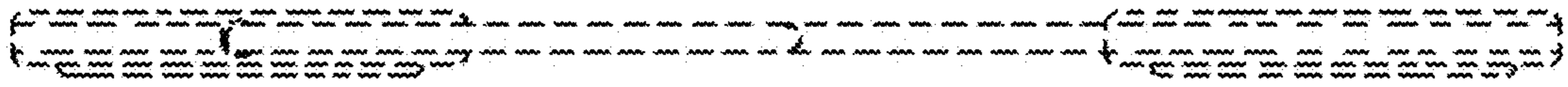
1.4



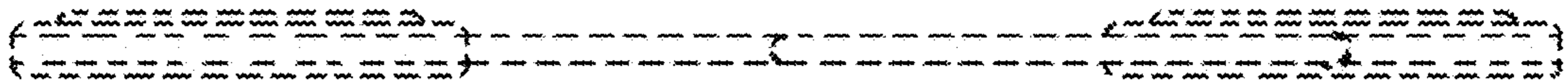
1.5



1.6



1.7



1.8

