

US00D966532S

(12) **United States Design Patent** (10) **Patent No.:** **US D966,532 S**
Park (45) **Date of Patent:** **** Oct. 11, 2022**

(54) **SMART GLOVE FOR REHABILITATION**
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(**) Term: **15 Years**

2008/0208093 A1* 8/2008 Hassler A61F 5/05866
602/21
2009/0227925 A1* 9/2009 McBean A61F 5/0127
602/16
2014/0243721 A1* 8/2014 Bryant A61F 5/013
602/21
2015/0190246 A1* 7/2015 Ryu A61F 5/013
74/89.22
2017/0168565 A1* 6/2017 Cohen A61B 5/0022
2019/0091091 A1* 3/2019 Park A61H 1/0288
2020/0129361 A1* 4/2020 Ou A63B 21/4019
(Continued)

(21) Appl. No.: **35/511,526**

OTHER PUBLICATIONS

(22) Filed: **Sep. 8, 2020**

Tech Start Ups. NEOFECT Launches NeoMano, a Robotic Glove That Helps People With Hand Paralysis Regain Independence by Nickie Louise. Nov. 1, 2018. <https://techstartups.com/2018/11/01/neofect-launches-neomano-robotic-glove-helps-people-hand-paralysis-regain-independence/> (Year: 2018).*

(80) **Hague Agreement Data**

Int. Filing Date: **Sep. 8, 2020**
Int. Reg. No.: **DM/210552**
Int. Reg. Date: **Sep. 8, 2020**
Int. Reg. Pub. Date: **Mar. 12, 2021**

(Continued)

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

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(52) **U.S. Cl.**
USPC **D24/190**

(57) **CLAIM**

(58) **Field of Classification Search**
USPC D24/188, 190, 200, 211
CPC A61F 5/013; A61H 1/0288
See application file for complete search history.

The ornamental design for a smart glove for rehabilitation, as shown and described.

DESCRIPTION

(56) **References Cited**

1. Smart glove for rehabilitation

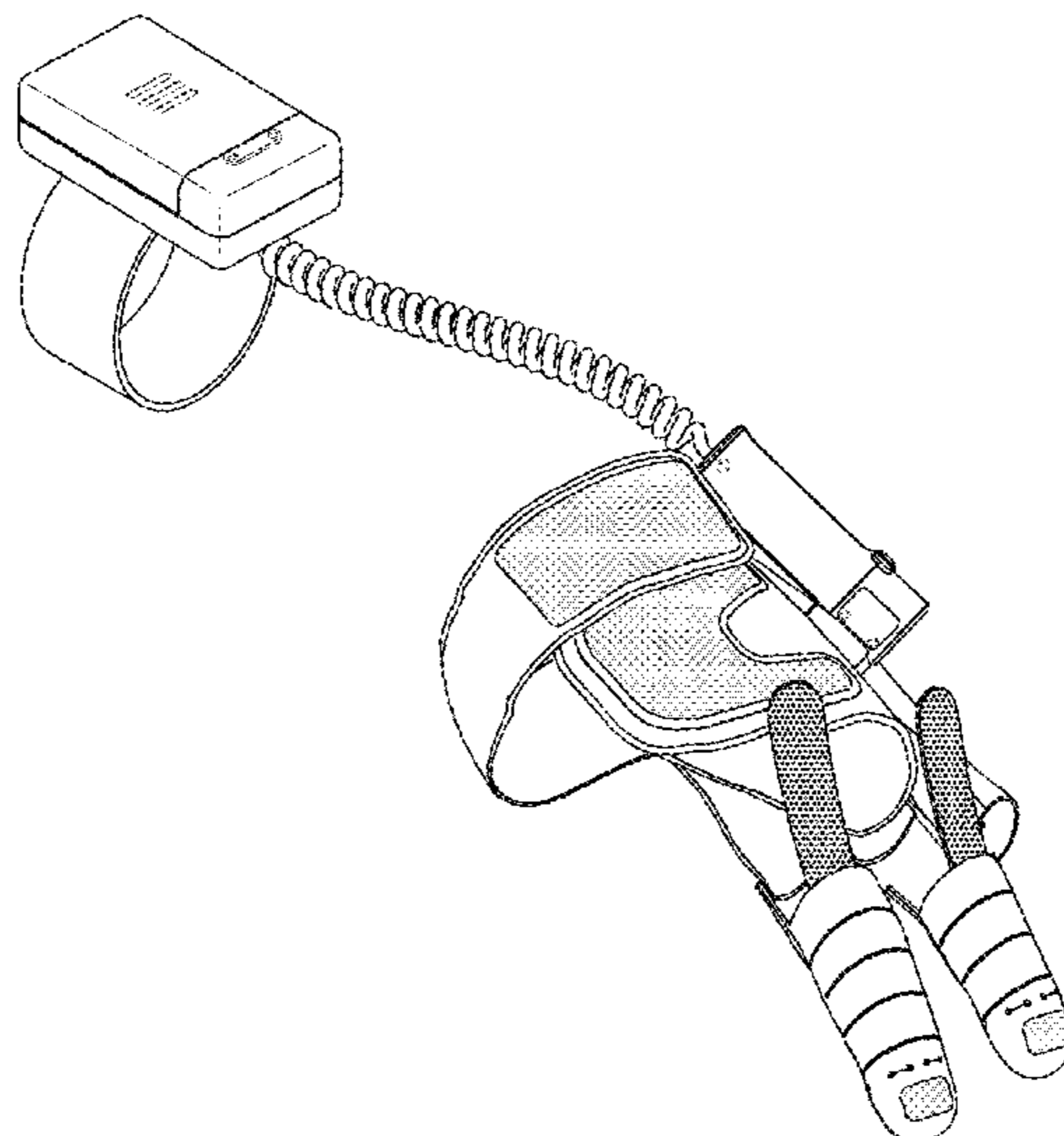
U.S. PATENT DOCUMENTS

D300,948 S * 5/1989 Harris D24/190
D456,081 S * 4/2002 Bell D24/190
D643,931 S * 8/2011 Voskuilen D24/190
D658,335 S * 4/2012 Felder, Sr. D29/113
10,143,403 B2 * 12/2018 Ban A61B 5/1125
10,449,677 B1 * 10/2019 Al Najjar B25J 15/0009
D883,499 S * 5/2020 Park D24/190
D888,259 S * 6/2020 Park D24/190
D902,415 S * 11/2020 Eriksson D24/190
2008/0200855 A1* 8/2008 Pomeroy A61B 17/6425
602/16

- 1.1 : Perspective
- 1.2 : Front
- 1.3 : Back
- 1.4 : Top
- 1.5 : Bottom
- 1.6 : Left
- 1.7 : Right

The broken lines in Figs. 1.1-1.7 depict portions of the smart glove for rehabilitation that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

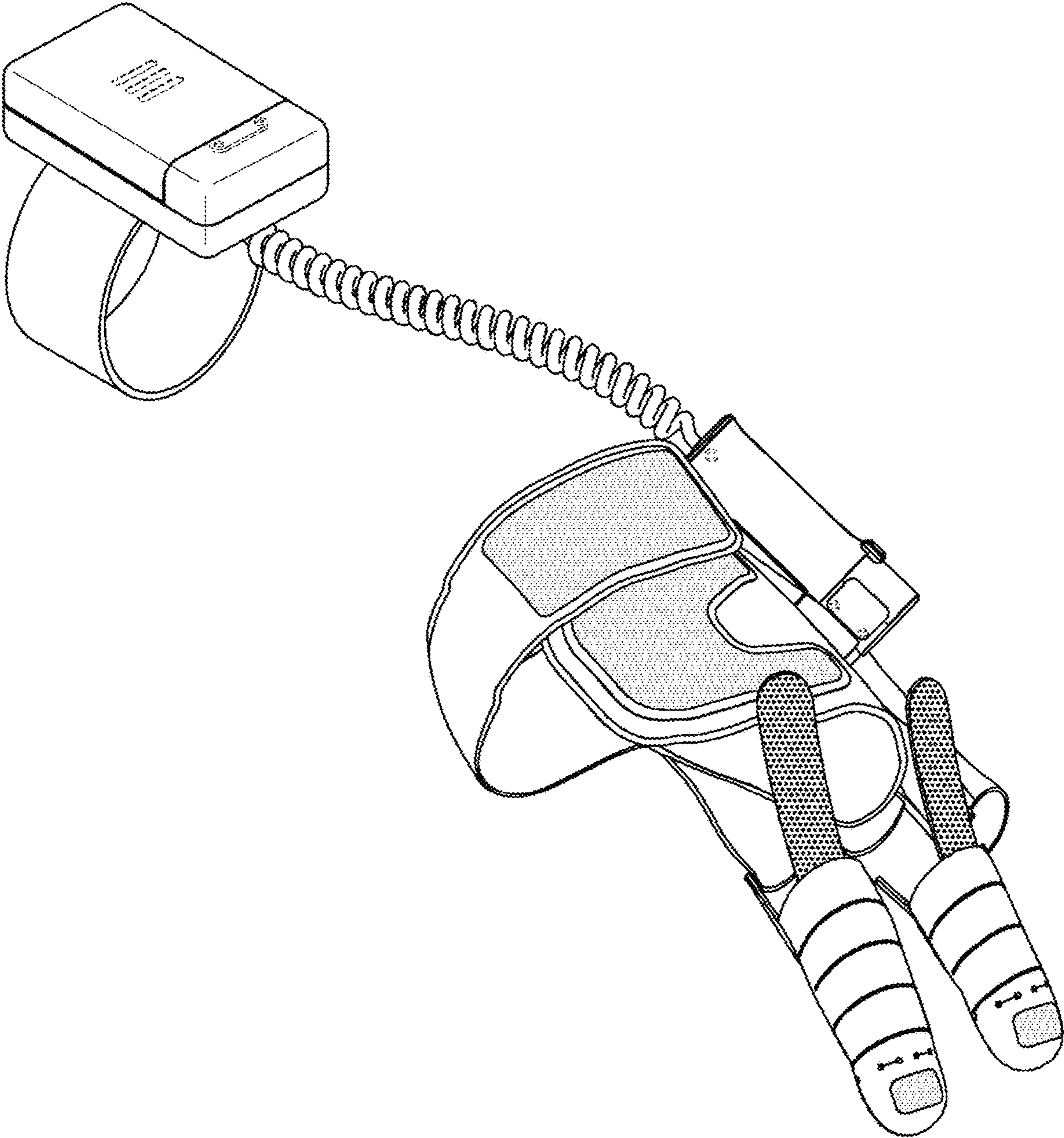
2020/0324402 A1* 10/2020 Roh B25J 1/02

OTHER PUBLICATIONS

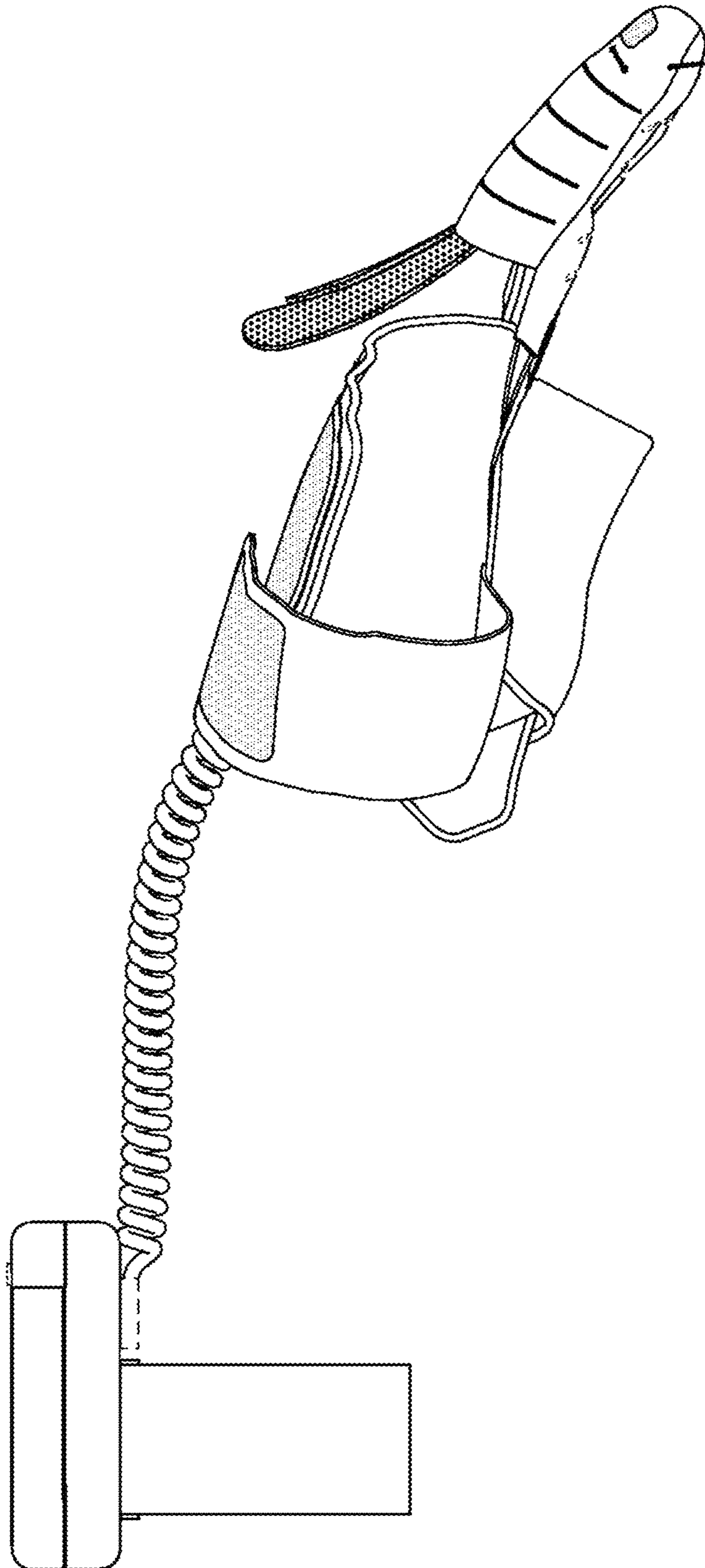
Tech Crunch. The NeoMano robotic glove brings control back to paralyzed hands by Brian Heater. Jan. 7, 2018. <https://techcrunch.com/2018/01/07/the-neomano-robotic-glove-brings-control-back-to-paralyzed-hands/> (Year: 2018).*

* cited by examiner

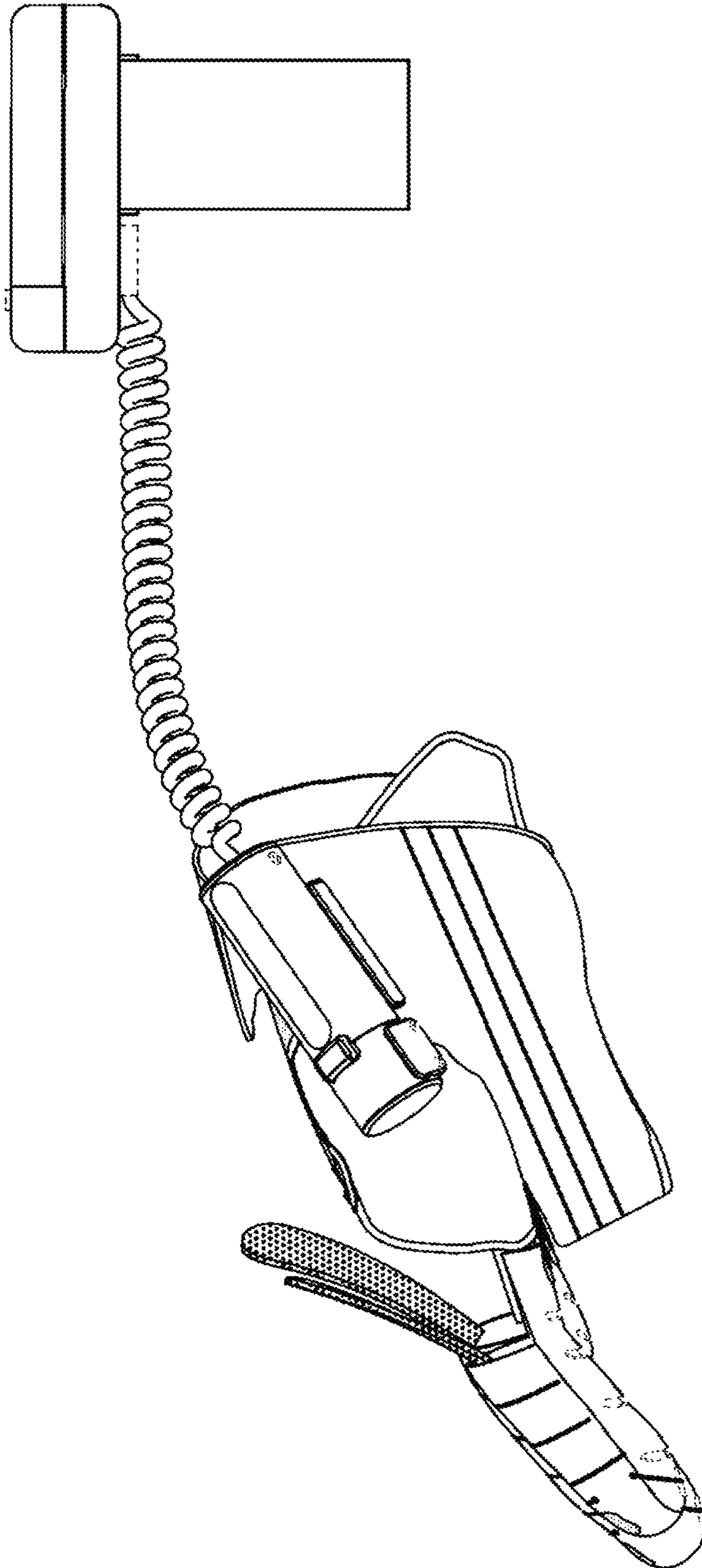
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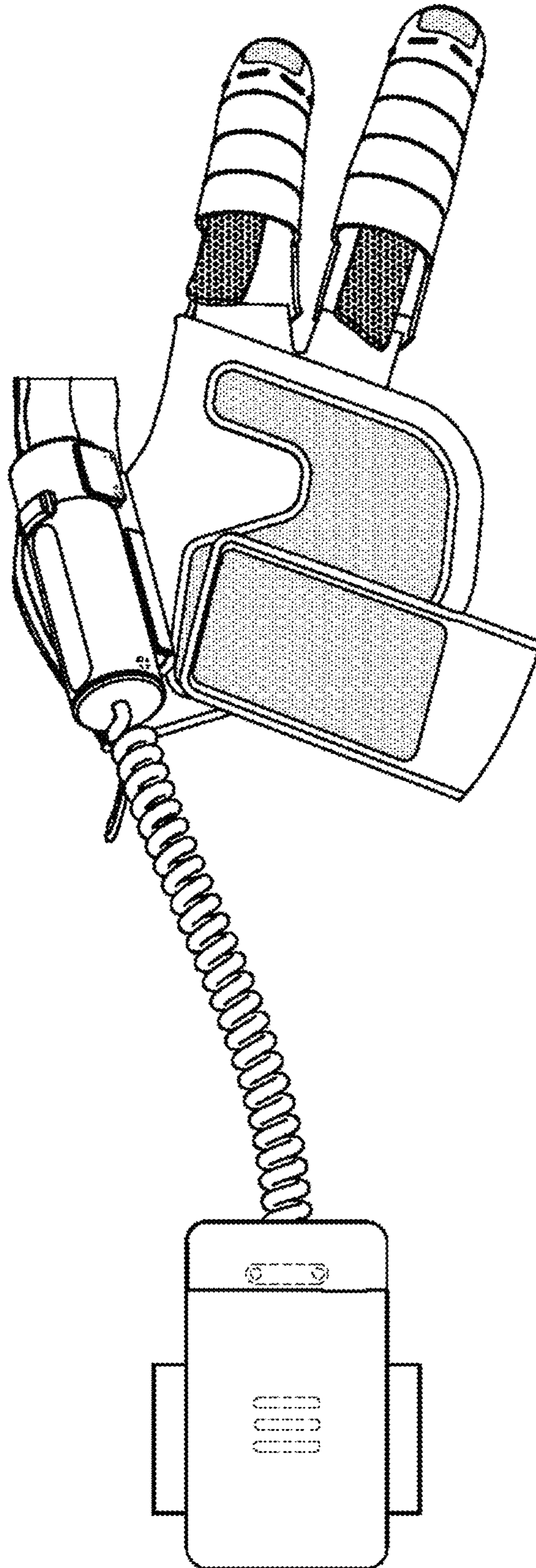
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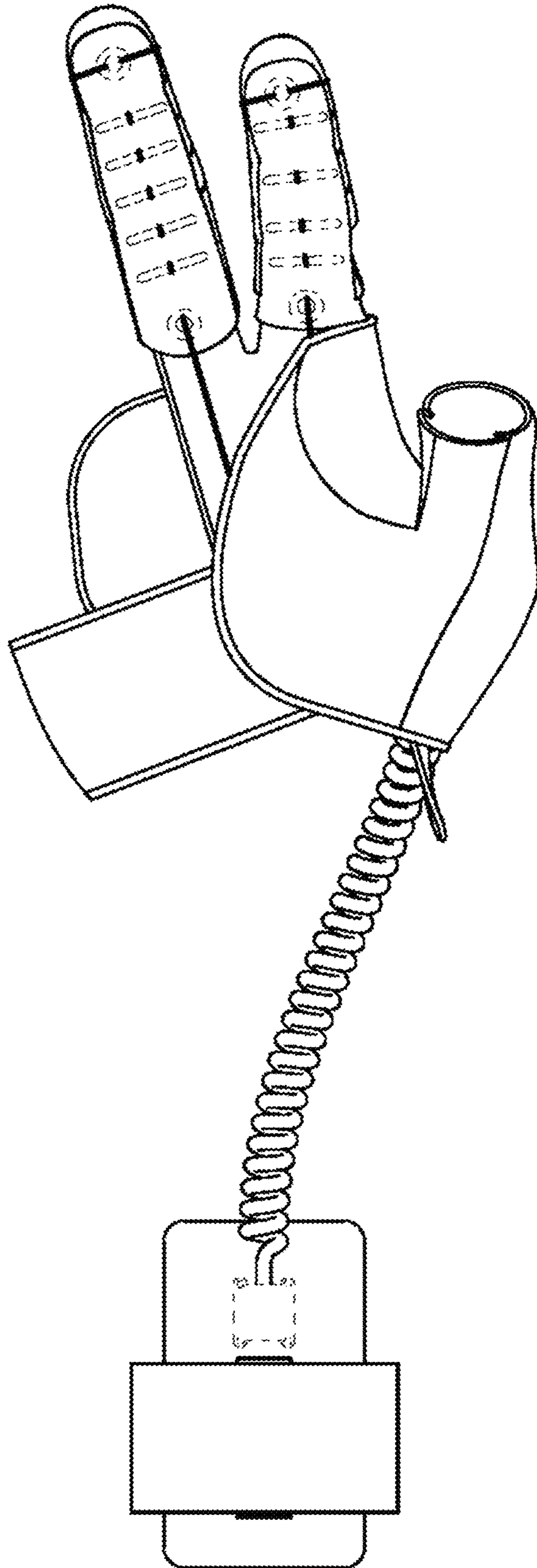
1.3



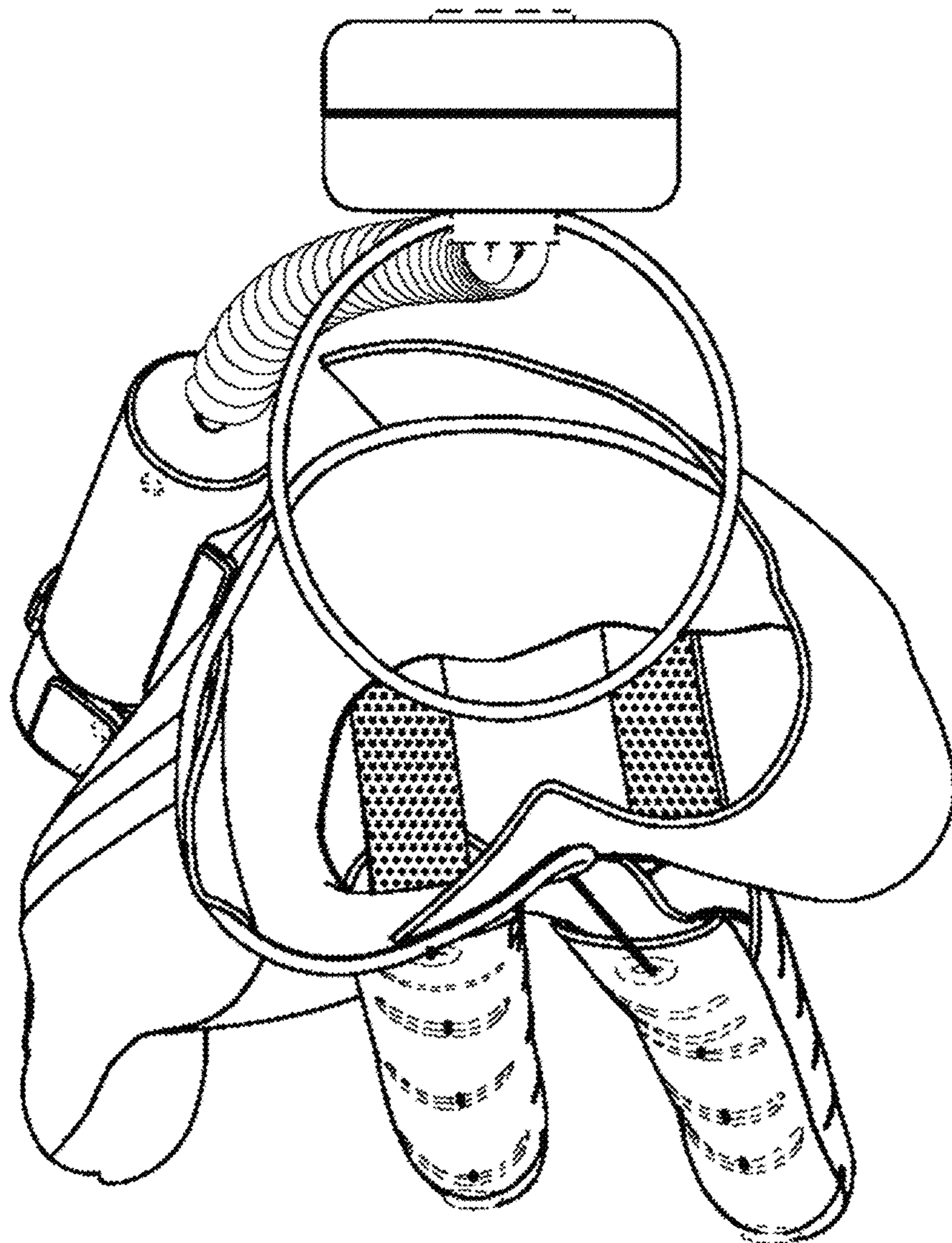
1.4



1.5



1.6



1.7

