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(12) **United States Design Patent** (10) **Patent No.:** **US D959,660 S**  
**Ierulli** (45) **Date of Patent:** **\*\* Aug. 2, 2022**

(54) **NASAL DILATOR WITH MULTIPLE SPRING FINGERS**

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

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**Related U.S. Application Data**

(60) Division of application No. 29/659,388, filed on Aug. 8, 2018, now abandoned, which is a continuation-in-part of application No. 14/201,843, filed on Mar. 8, 2014, now abandoned, which is a continuation of application No. 13/437,929, filed on Apr. 3, 2012, now abandoned, which is a continuation-in-part of application No. 13/206,462, filed on Aug. 9, 2011, now Pat. No. 8,444,670, which is a continuation of application No. 12/106,289, filed on Apr. 19, 2008, now Pat. No. 8,062,329.

(51) **LOC (13) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/135**

(58) **Field of Classification Search**  
USPC ..... D24/135, 133, 189  
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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,476,091 A 12/1995 Johnson  
5,479,944 A 1/1996 Petruson  
5,533,499 A 7/1996 Johnson  
5,533,503 A 7/1996 Doubek et al.

5,546,929 A 8/1996 Muchin  
5,549,103 A 8/1996 Johnson  
5,611,333 A 3/1997 Johnson  
5,653,224 A 8/1997 Johnson  
5,706,800 A 1/1998 Cronk et al.  
5,769,089 A 6/1998 Hand et al.  
5,890,486 A 4/1999 Mitra et al.  
5,931,854 A 8/1999 Dillon  
5,957,126 A 9/1999 Neeser  
6,006,746 A 12/1999 Karell  
6,029,658 A 2/2000 De Voss  
6,065,470 A 5/2000 Van Cromvoirt et al.  
6,098,616 A 8/2000 Lundy et al.  
6,196,228 B1 3/2001 Kreitzer et al.  
6,244,265 B1 6/2001 Cronk et al.  
6,318,362 B1 11/2001 Johnson  
6,357,436 B1 3/2002 Kreitzer et al.  
6,375,667 B1 4/2002 Ruch  
6,453,901 B1 9/2002 Ierulli  
6,470,883 B1 10/2002 Beaudry  
6,550,474 B1 4/2003 Anderson et al.

(Continued)

*Primary Examiner* — Bridget L Eland

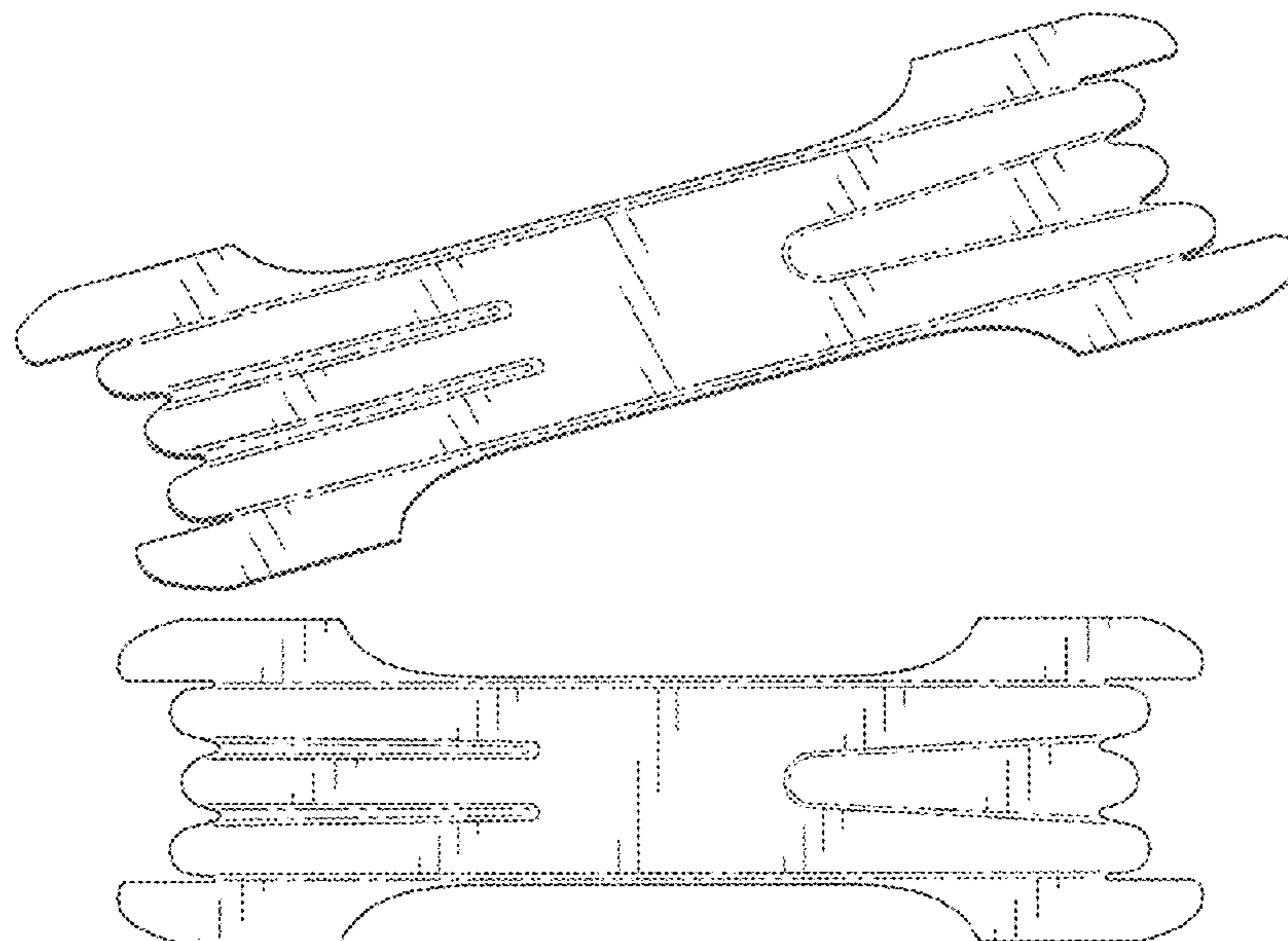
(57) **CLAIM**

The ornamental design for a nasal dilator with multiple spring fingers, as shown and described.

**DESCRIPTION**

FIG. 1 is a three-quarter perspective view of a nasal dilator with multiple spring fingers, showing my new invention. FIG. 2 is a perspective view thereof shown in an environment. FIG. 3 is another perspective view thereof shown in an environment; and, FIG. 4 is a top plan view thereof. The evenly spaced broken line showing of human facial features is for the purpose of illustrating environmental structure and forms no part of the claimed design. The long dash short dash occasionally broken lines are contour lines.

**1 Claim, 1 Drawing Sheet**



(56)

References Cited

U.S. PATENT DOCUMENTS

6,694,970 B2	2/2004	Spinelli et al.	D790,695 S	6/2017	Ierulli
6,769,429 B1	8/2004	Benetti	D791,312 S	7/2017	Peck
6,834,512 B2	12/2004	Bash et al.	D791,314 S	7/2017	Ierulli
7,067,710 B1	6/2006	Beaudry	D812,749 S	3/2018	Ierulli
D639,762 S	6/2011	Brogden et al.	D813,387 S	3/2018	Ierulli et al.
D644,325 S	8/2011	Brunner et al.	D814,029 S	3/2018	Ierulli
D644,324 S	10/2011	Brunner et al.	D857,887 S	8/2019	Ierulli
D651,710 S	1/2012	Brogden et al.	D857,888 S	8/2019	Ierulli
D659,245 S	5/2012	Ierulli	D857,889 S	8/2019	Ierulli
D662,203 S	6/2012	Smith	D858,762 S	9/2019	Ierulli et al.
D667,543 S	9/2012	Ierulli	D859,654 S	9/2019	Ierulli
D671,643 S	11/2012	Ierulli	D884,167 S	5/2020	Ierulli
D672,461 S	12/2012	Brogden et al.	D889,648 S	7/2020	Ierulli
D672,872 S	12/2012	Brunner et al.	2003/0000521 A1	1/2003	Beaudry
D673,270 S	12/2012	Brunner et al.	2003/0005938 A1	1/2003	Lockwood
D707,814 S	6/2014	Ierulli	2005/0081857 A1	4/2005	Fenton
D707,815 S	6/2014	Ierulli	2005/0247317 A1	11/2005	Lockwood, Jr.
D722,161 S	2/2015	Reyers	2007/0255309 A1	11/2007	Guyuron et al.
D722,162 S	2/2015	Reyers	2008/0058858 A1	3/2008	Smith
D725,772 S	3/2015	Ierulli	2008/0097517 A1	4/2008	Holmes et al.
D725,773 S	3/2015	Ierulli	2008/0184995 A1	8/2008	Ierulli
D738,496 S	9/2015	Peck	2008/0257341 A1	10/2008	Ierulli
D739,015 S	9/2015	Martin	2009/0020115 A1	1/2009	Lockwood, Jr.
D741,997 S	10/2015	Ierulli	2009/0125052 A1	5/2009	Pinna et al.
D741,998 S	10/2015	Martin	2009/0234383 A1	9/2009	Ierulli
D743,544 S	11/2015	Ierulli	2010/0210988 A1	8/2010	Dallison
D743,545 S	11/2015	Ierulli	2010/0298861 A1	11/2010	Fenton
D743,565 S	11/2015	Engel et al.	2011/0000483 A1	1/2011	Matthias et al.
D745,147 S	12/2015	Ierulli	2011/0093004 A1	4/2011	Ierulli
9,204,988 B1	12/2015	Fischell	2011/0166594 A1	7/2011	Eull
D746,982 S	1/2016	Ierulli	2011/0270297 A1	11/2011	Judd
D747,478 S	1/2016	Brunner et al.	2012/0004683 A1	1/2012	Gray
D753,294 S	4/2016	Guyuron et al.	2012/0067345 A1	3/2012	Shilon
D755,376 S	5/2016	Ierulli	2012/0172923 A1	7/2012	Fenton
D758,575 S	6/2016	Ierulli	2012/0209313 A1	8/2012	Ierulli
D758,576 S	6/2016	Ierulli et al.	2013/0104882 A1	5/2013	Ierulli
D759,240 S	6/2016	Ierulli	2013/0118488 A1	5/2013	Ledogar
D759,241 S	6/2016	Ierulli	2013/0196120 A1	8/2013	Gray et al.
D759,242 S	6/2016	Ierulli	2013/0282049 A1	10/2013	Peterson et al.
D764,055 S	8/2016	Ierulli et al.	2014/0296904 A1	10/2014	Andre
D764,662 S	8/2016	Ierulli et al.	2015/0051636 A1	2/2015	Lockwood
9,414,957 B1	8/2016	Fischell	2015/0216709 A1	8/2015	Peck
D779,666 S	2/2017	Ierulli et al.	2015/0230966 A1	8/2015	Ierulli
D779,667 S	2/2017	Ierulli et al.	2015/0250637 A1*	9/2015	Ierulli ..... A61F 5/08 606/204.45
9,566,183 B1	2/2017	Fischell	2015/0359654 A1	12/2015	Bentivegna et al.
D788,298 S	5/2017	Guyuron	2016/0008161 A1	1/2016	Ierulli et al.
D789,531 S	6/2017	Ierulli	2017/0001425 A1	1/2017	Gray et al.
D790,058 S	6/2017	Ierulli et al.	2019/0167464 A1	6/2019	Lovato
			2020/0121488 A1	4/2020	Ierulli

\* cited by examiner

FIG. 1

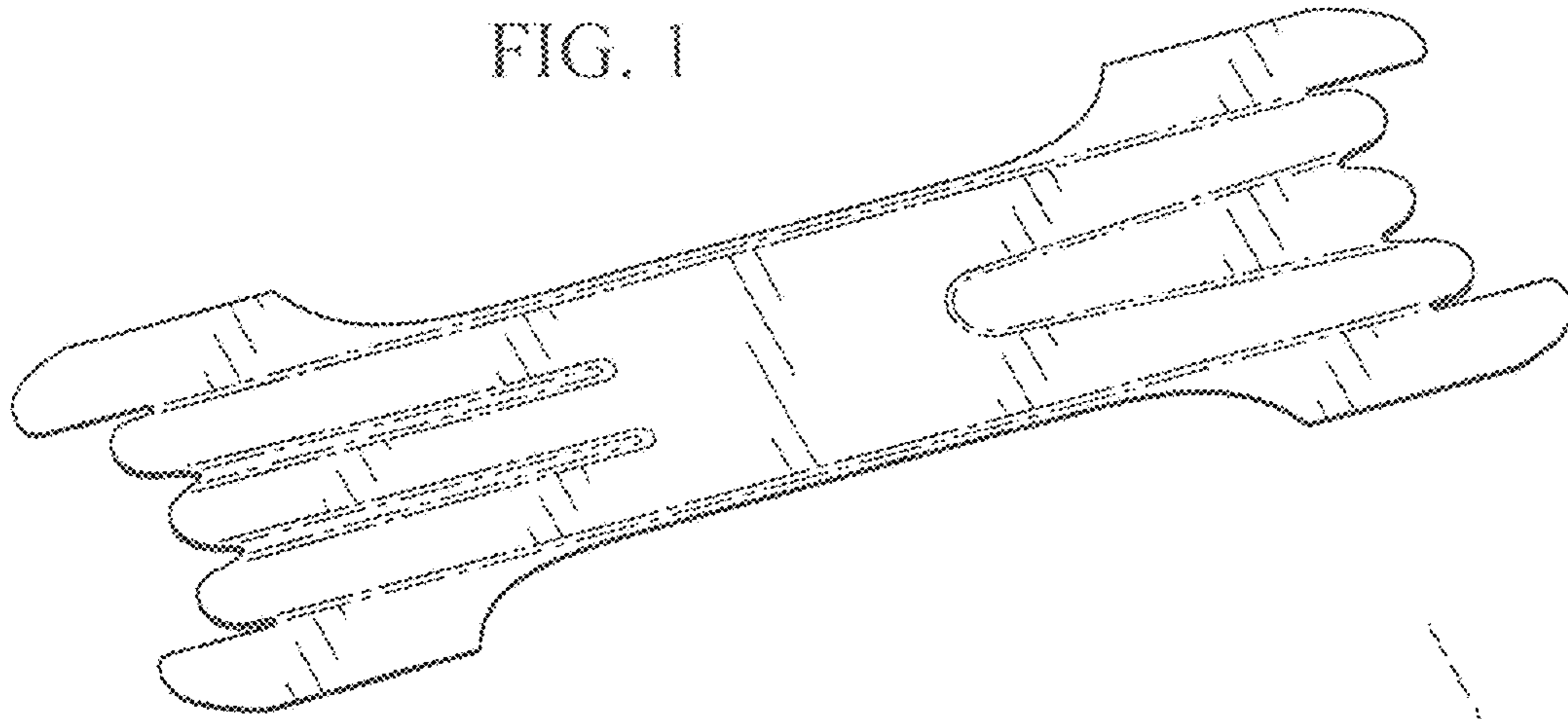


FIG. 2

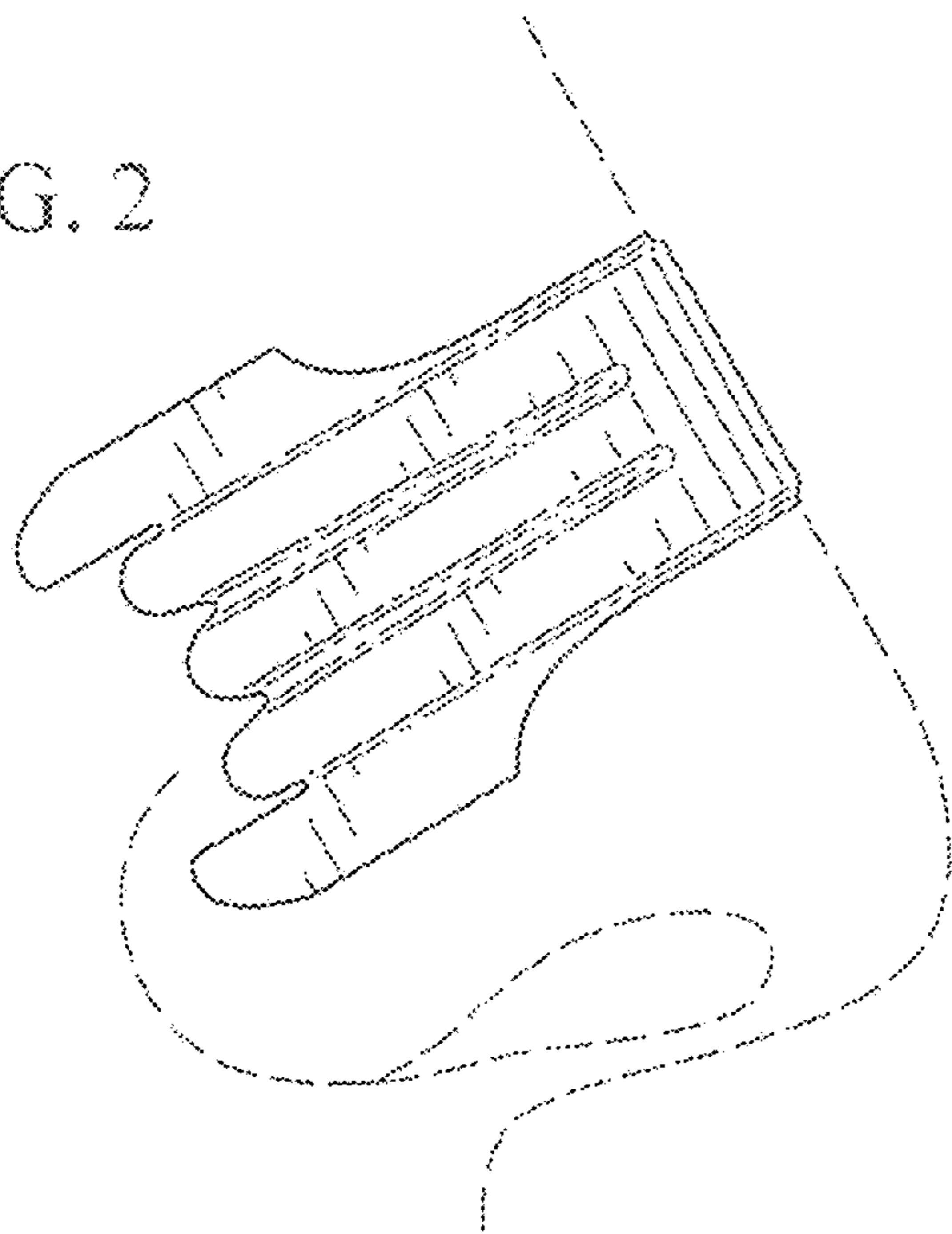


FIG. 3

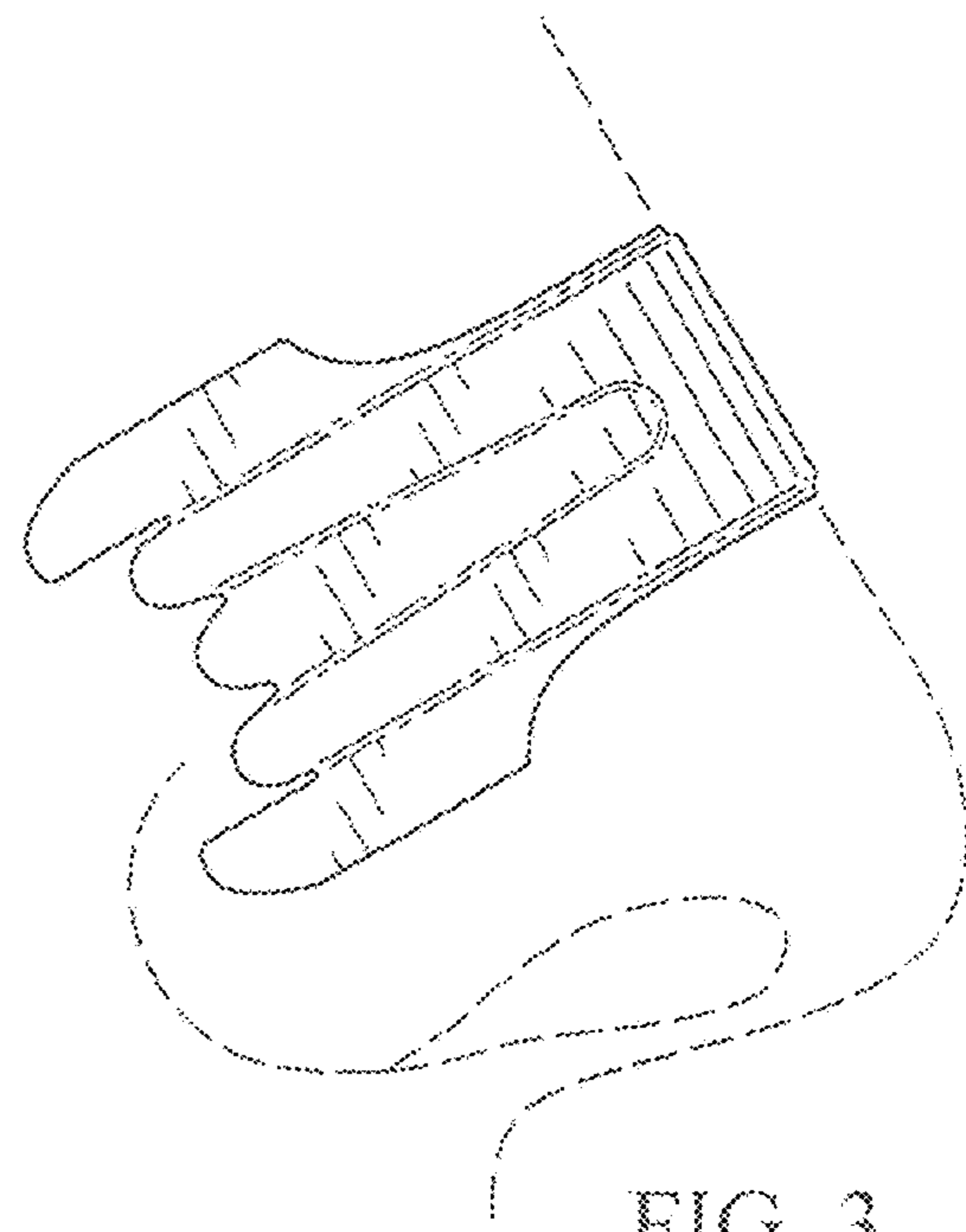


FIG. 4

