



US00D948062S

(12) **United States Design Patent** (10) **Patent No.:** **US D948,062 S**  
**Chang** (45) **Date of Patent:** **\*\* Apr. 5, 2022**

(54) **MEDICAL NECK BRACE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Ki Yong Chang**, Seoul (KR)

CN 305382750 \* 10/2019

(72) Inventor: **Ki Yong Chang**, Seoul (KR)

CN 306732815 \* 8/2021

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/736,778**

Cervical Neck Brace, Branello, [Post date unknown], [Site seen Nov. 10, 2021], Seen at URL: <https://branelostore.com/products/cervical-neck-brace> (Year: 2021).\*

(22) Filed: **Jun. 3, 2020**

(30) **Foreign Application Priority Data**

Dec. 11, 2019 (KR) ..... 30-2019-0060041

*Primary Examiner* — Natasha Vujcic

*Assistant Examiner* — Gilbert B Ford

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

(74) *Attorney, Agent, or Firm* — Bond Schoeneck & King, PLLC; George McGuire

(52) **U.S. Cl.**

USPC ..... **D24/191**; D24/190

(58) **Field of Classification Search**

USPC .... D24/190–191, 200, 206, 207; D29/101.2, D29/108; D2/600, 602

CPC ..... A61F 5/055; A61F 5/04; A61F 5/05883; A61F 2005/0197; A61F 5/0118; A61F 5/022

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a medical neck brace, as shown and described.

(56) **References Cited**

**DESCRIPTION**

U.S. PATENT DOCUMENTS

D248,872 S *	8/1978	Thomas	.....	128/DIG. 23
5,688,229 A *	11/1997	Bauer	.....	A61F 5/055
				602/18
D403,071 S *	12/1998	Biedermann	.....	D24/190
D662,597 S *	6/2012	Chang	.....	D24/191
10,292,856 B2 *	5/2019	Thorgilsdottir	.....	A61F 5/055
D870,899 S *	12/2019	Hsu	.....	D24/191
D894,409 S *	8/2020	Yeip	.....	D24/191
D900,327 S *	10/2020	Cleveland	.....	D24/191
2003/0149384 A1 *	8/2003	Davis	.....	A61F 5/055
				602/14
2012/0130295 A1 *	5/2012	Haider	.....	A61F 5/055
				602/18
2013/0261519 A1 *	10/2013	Garth	.....	A61F 5/055
				602/18
2013/0310722 A1 *	11/2013	Thorsteinsdottir	.....	A61F 5/055
				602/18

FIG. 1 is a perspective view of a front, top, and left side of an ornamental design for a medical neck brace;  
FIG. 2 is a front elevational view of the medical neck brace of FIG. 1;  
FIG. 3 is a rear elevational view of the medical neck brace of FIG. 1;  
FIG. 4 is a left side elevational view of the medical neck brace of FIG. 1;  
FIG. 5 is a right side elevational view of the medical neck brace of FIG. 1;  
FIG. 6 is a top plan view of the medical neck brace of FIG. 1; and,  
FIG. 7 is a bottom plan view of the medical neck brace of FIG. 1.

(Continued)

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2014/0107551 A1\* 4/2014 Modglin ..... A61F 5/055  
602/18  
2016/0287424 A1\* 10/2016 Webster ..... A61F 5/055  
2017/0246022 A1\* 8/2017 Calco ..... A61F 5/055  
2018/0078400 A1\* 3/2018 Hsu ..... A61F 5/055  
2020/0038223 A1\* 2/2020 Wang ..... A61F 5/055  
2020/0306071 A1\* 10/2020 Yeip ..... A61F 5/012  
2020/0368056 A1\* 11/2020 Doty ..... A61F 5/055  
2021/0085519 A1\* 3/2021 Rand ..... A61F 7/106  
2021/0228396 A1\* 7/2021 Zimmer ..... F16C 11/04

\* cited by examiner



FIG. 1

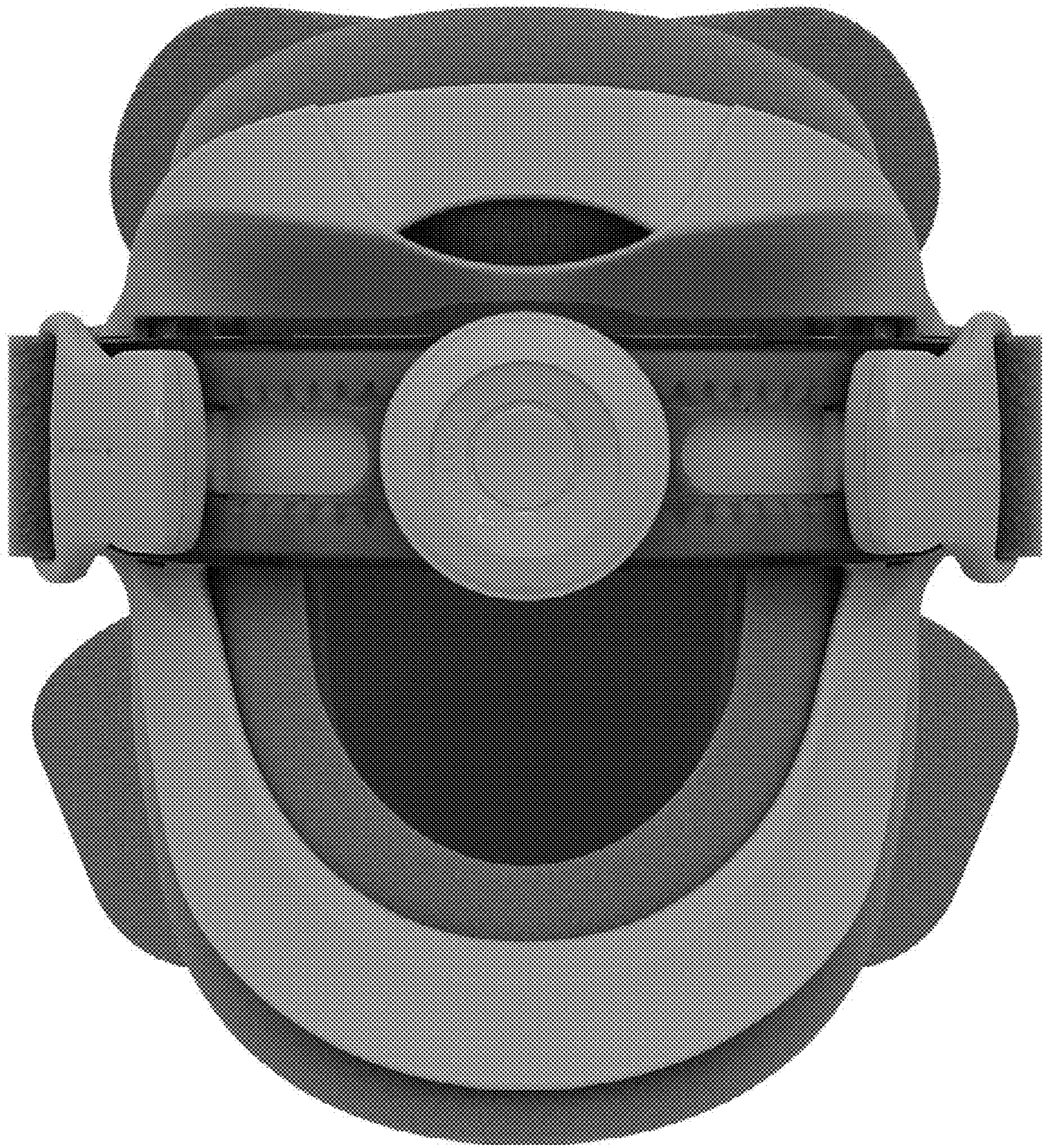


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6





FIG. 7