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Shanderson

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(54) **ELECTRONIC COMPONENT NECKLACE**

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(72) Inventor: **Derek Shanderson**, Hampton, VA (US)

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

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(51) **LOC (10) Cl.** **11-01**

(52) **U.S. Cl.**
USPC **D11/3; D14/344**

(58) **Field of Classification Search**
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A44C 5/003; A44C 5/0038; A44C
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A44C 5/0084; A44C 5/0092; A44C 5/02;
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A44C 5/142; A44C 5/18; A44C 5/185;
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,101,955 A * 7/1978 DuNah A44C 15/0015
362/104

D263,937 S * 4/1982 Gordan D11/7

D264,058 S * 4/1982 Gordan D11/7

4,901,405 A * 2/1990 Grover A44C 5/2076
24/303

4,912,608 A * 3/1990 Lee A44C 15/0015
362/104

D313,368 S * 1/1991 Peterson D11/13

5,000,780 A * 3/1991 Tokunaga A44C 15/002
419/26

5,235,824 A * 8/1993 Huang A44C 1/00
185/29

5,758,516 A * 6/1998 Uematsu A44C 25/001
63/1.14

6,557,375 B1 * 5/2003 Simmons A44C 15/002
63/1.11

6,707,924 B1 3/2004 Okiebisu

D555,531 S * 11/2007 Wilson D11/7

D566,691 S 4/2008 Andre

D574,607 S * 8/2008 Kelleghan D3/207

(Continued)

OTHER PUBLICATIONS

Circuit board ring, HardResols blog, published Nov. 29, 2012, online. Reference acquired on Aug. 16, 2016. Internet URL:<“http://hardresols.blogspot.com/search/label/circuit%20board%20ring”>.*

(Continued)

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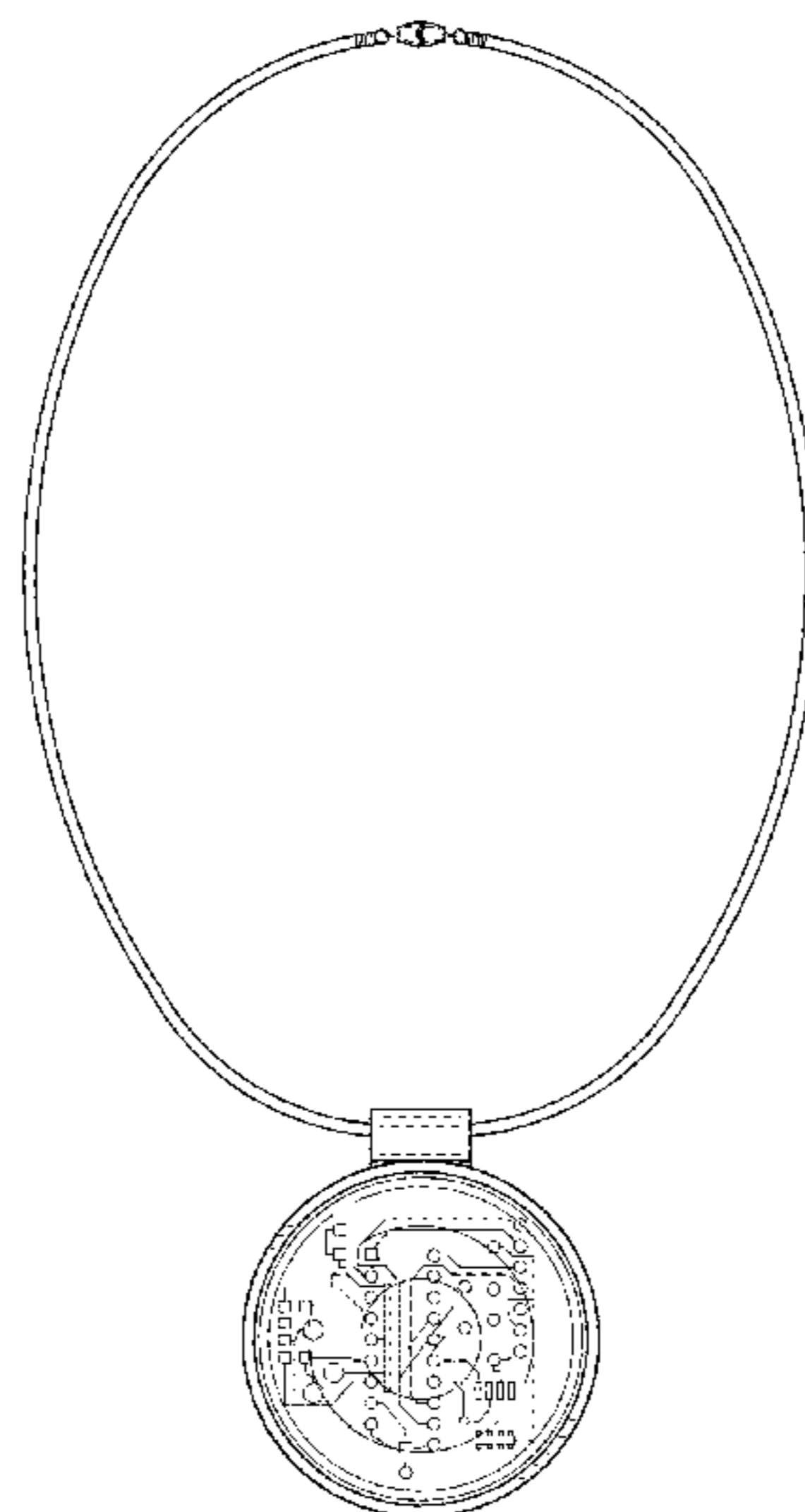
(57) **CLAIM**

I claim the ornamental design for an electronic component necklace, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of the electronic component necklace showing my new design.
FIG. 2 is a rear elevation view thereof.
FIG. 3 is a side elevation view thereof.
FIG. 4 is a top plan view thereof; and,
FIG. 5 is a bottom plan view thereof.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D590,289 S * 4/2009 Karpman D11/7
 7,650,007 B2 1/2010 De Iuliis
 D613,737 S * 4/2010 Ahlstrom D14/344
 D619,492 S * 7/2010 Wallace D11/50
 D621,399 S * 8/2010 Ahlstrom D14/344
 8,240,868 B1 * 8/2012 Sims A44C 15/0015
 63/19
 8,523,031 B2 9/2013 Hedrick
 D704,589 S * 5/2014 Daniels
 Christensen A44C 5/00
 D11/7
 D712,297 S * 9/2014 Taylor-Cattapan D11/79
 D712,298 S * 9/2014 Taylor-Cattapan D11/79
 D713,404 S * 9/2014 Green D14/344
 D715,679 S * 10/2014 Ochoa D11/80
 D770,430 S * 11/2016 Lee D14/240
 2002/0153400 A1 10/2002 Chase
 2004/0056061 A1 3/2004 Yang
 2006/0113345 A1 6/2006 Zoullas
 2007/0278265 A1 12/2007 Contente

2009/0002983 A1* 1/2009 Lee A44C 15/0015
 362/235
 2010/0257896 A1 10/2010 Zakutin
 2011/0031160 A1 2/2011 Leggett
 2011/0226115 A1* 9/2011 Dangerfield G09F 21/026
 84/602

OTHER PUBLICATIONS

Review: Circuit Breaker Labs, Every Child is a Blessing blog, online. Reference acquired on Aug. 16, 2016. Internet URL:<“http://everychildisablessing.blogspot.com/2014/12/review-circuit-breaker-labs.html”>.*
 Round bezel, The Enchanted Gallery store, available for sale since Jan. 23, 2013, online. Reference acquired on Aug. 16, 2016. Internet URL:<“https://web.archive.org/web/20140123084231/http://www.theenchantedgallery.com/jewelry.html”>.*
 How to Make a Cord Necklace, KinandTwine.com blog, published on Mar. 25, 2013, online. Reference acquired on Jan. 5, 2017. Internet URL:<“http://www.kinandtwine.com/2013_03_01_archive.html”>.*

* cited by examiner

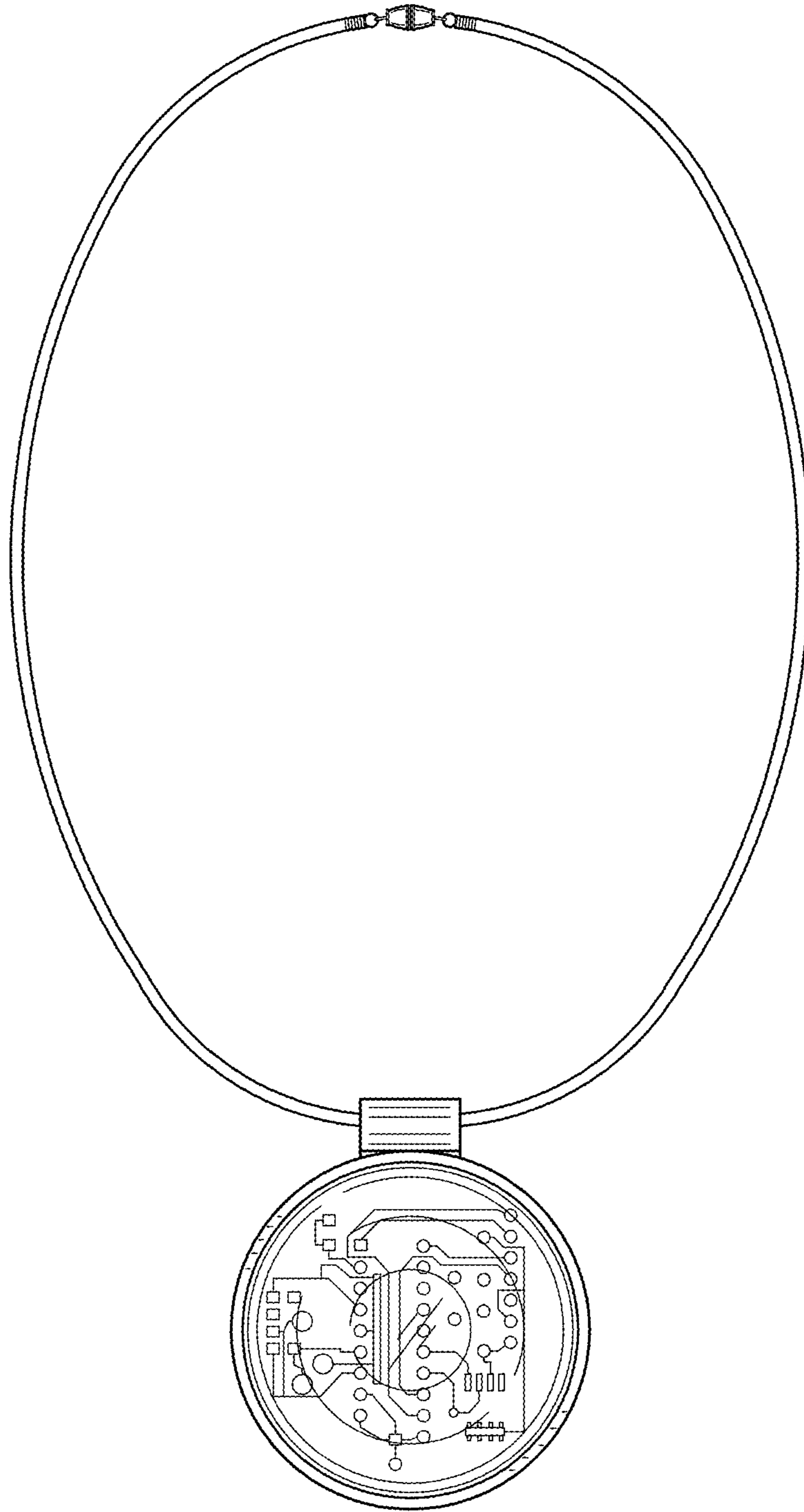


FIG. 1

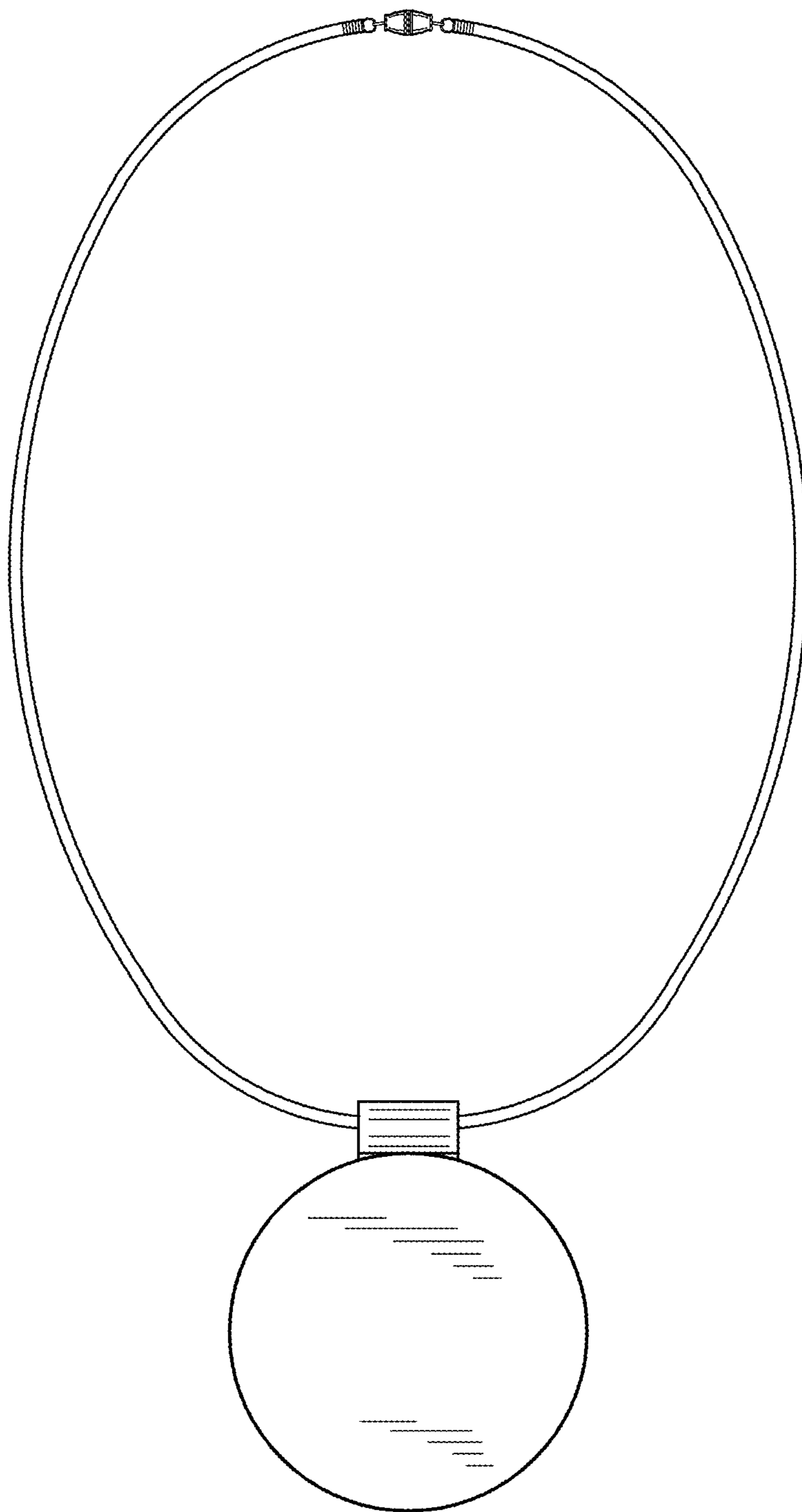


FIG. 2

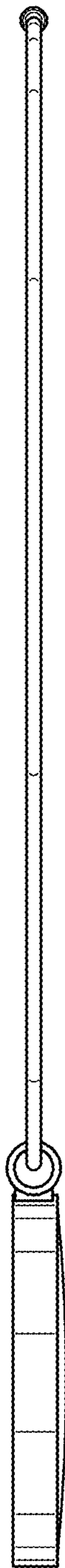


FIG. 3

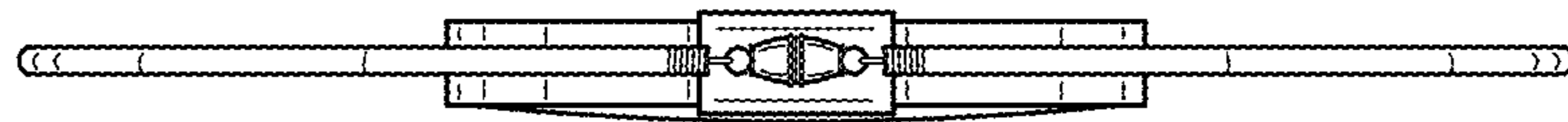


FIG. 4



FIG. 5