

1) Family number: 73339686 (US2019059458 AA)

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Title: RADIATION BRA EXTENDER

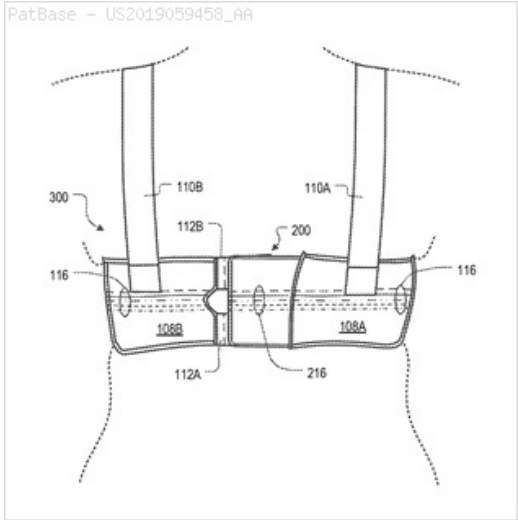
Abstract: An extender for a radiation treatment bra extends the "circumference" of the RTB, enabling it to accommodate a relatively larger back size for a given sized RTB.

Classifications:

International (IPC 8-9): A41C3/00 A41F1/00 A41F15/00 A61B18/18 A61N5/10

CPC: A41C3/0028 A41C3/0064 A41F1/006 A41F15/002 A61B18/18 A61N2005/1097 A61N5/1049

US: 1/1



Family:

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| US10660376 BB      | 20200526         | US20180116218      | 20180829         |
| US2019059458 AA    | 20190228         | US20180116218      | 20180829         |
| WO19046627 A1      | 20190307         | WO2018US48930      | 20180830         |

Priority:

US20170552103P 20170830 US20180116218 20180829

Probable Assignee: THOMPSON ELIZABETH CHABNER

Assignee(s): (std): THOMPSON ELIZABETH CHABNER

Inventor(s): (std): THOMPSON ELIZABETH CHABNER

Agent(s): BREYER WAYNE S; KAPLAN BREYER SCHWARZ LLP

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

2) Family number: 53534054 (US8425274 BA)

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Title: SECTIONAL BRA SYSTEM AND ACCESSORIES

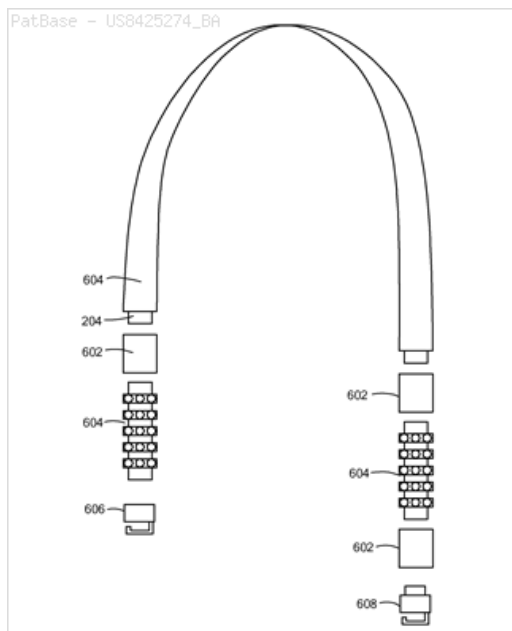
Abstract: A sectional bra system and accessories includes bra and related jewelry components that can be interconnected in various ways. Jewelry items, such as bra straps, back bands, bridge, and other items, may be formed at least in part from alternating flexible chain segments and rigid connector segments with fasteners configured to attach to standard bra loops. Bra cups for sectional bras include various arrangements of standard bra loops allowing attachment of one or more bra straps, one or more back bands, a bridge, and alternatively other decorative items. Such bra cups may include standard bra loops along all edges. Coordinating jewelry may be made out of the same or similar types of components.

Classifications:

International (IPC 8-9): A41C3/00 A41C3/12 A44C11/00 A44C11/02 A44C15/00 A44C5/00

CPC: A41C3/0028 A41C3/12 A44C15/005 A44C15/009 A44C5/00 A41C3/00

US: 2/327 2/338 450/86



#### Family:

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| US10264826 BA      | 20190423         | US20130867355      | 20130422         |
| US8425274 BA       | 20130423         | US20100749762      | 20100330         |

#### Priority:

US20090165165P 20090331 US20100749762 20100330 US20130867355 20130422

**Probable Assignee:** RATCLIFF SUSAN J

**Assignee(s):** (std): RATCLIFF SUSAN J

**Inventor(s):** (std): RATCLIFF SUSAN J

**Agent(s):** NUTTER MCCLENNEN AND FISH LLP; SUNSTEIN KANN MURPHY AND TIMBERS LLP

### 3) Family number: 67231692 (US2017295877 AA)

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**Title:** ADJUSTABLE BRA STRAP, BRASSIERE WITH ADJUSTABLE STRAPS, AND METHOD FOR ADJUSTING AND SECURING STRAPS

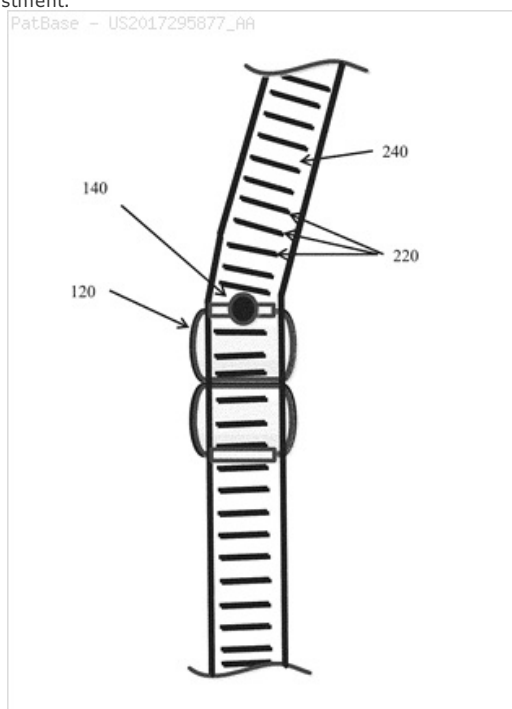
**Abstract:** Systems and methods for adjustable straps are disclosed. In various exemplary embodiments, adjustable slider-like mechanisms are configured with one or more protrusions for inserting through corresponding slits in a garment strap, for example a brassiere strap. In this manner, adjustable straps may be fixed in place and resist slippage, leading to improved wearer comfort and reducing or eliminating the need for regular adjustment.

#### Classifications:

**International (IPC 8-9):** A41C3/12 A41F15/00 A41F15/02

**CPC:** A41C3/0028 A41C3/12 A41F15/002 A41F15/02

**US:** 1/1 450/86



#### Family:

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| US10219566 BB      | 20190305         | US20170487081      | 20170413         |

**Priority:**

US20160324112P 20160418 US20170487081 20170413

**Probable Assignee:** CAMPBELL SHEILA K

**Assignee(s):** (std): CAMPBELL SHEILA K

**Inventor(s):** (std): CAMPBELL SHEILA K

**Agent(s):** SNELL AND WILMER LLP

**4) Family number: 47906419** (US2010325782 AA)

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**Title:** HIGH STRENGTH FABRICS CONSISTING OF THIN GAUGE CONSTANT COMPRESSION ELASTIC FIBERS

**Abstract:** Elastic fibers are disclosed which have a relatively flat modulus curve at between 100 percent and 200 percent elongation. The fibers can be made into garments having a very comfortable feel. The preferred elastic fibers are made from thermoplastic polyurethane polymers and are made by a unique melt spinning process where the fiber is wound into bobbins at a speed just slightly higher than the melt velocity of the polymer exiting the spinneret.

**Classifications:**
**International (IPC 8-9):** A41B9/00 A41B9/02 A41B9/06 A41C3/00

A41D31/00 B29C47/00 C08G18/08 C08G18/10 C08G18/32  
D01D5/08 D01D5/16 D01D7/00 D01F6/00 D01F6/70 D01F6/94  
D02G3/02 D02G3/32 D02G3/44 D03D1/00 D03D15/00 D03D15/08  
D03D7/00 D04B1/14 D04B1/18 D04B21/00 D04B21/18

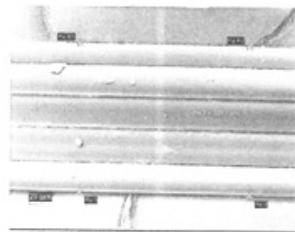
**International (IPC 1-7):** D01D5/08 D01F6/00 D01F6/70

**CPC:** D01D5/16 D01F6/70 Y10T428/249921 Y10T428/298 D01D5/08  
D02G3/02 D02G3/32 D02G3/44 D03D1/0017 D03D15/00 D03D15/08  
D04B1/14 D04B1/18 D04B21/00 D04B21/18 D10B2331/10  
D10B2401/061 D10B2501/02

**US:** 1/1 2/400 2/400P 264/176.1 264/176.100S 428/221 428/221S  
428/401 428/401S 450/93 450/93S

PatBase - US2010325782\_AA

Patent Application Publication Dec. 30, 2010 Sheet 1 of 3 US 2010/0325782 A1

**FIG. 1**

**Family:**

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| AU2010264444 AA    | 20101229         | AU20100264444      | 20100624         |
| AU2010264444 BB    | 20170316         | AU20100264444      | 20100624         |
| AU2017201591 AA    | 20170330         | AU20170201591      | 20170308         |
| AU2017201591 BB    | 20180809         | AU20170201591      | 20170308         |
| BRPI1015425 A2     | 20160419         | BR2010PI15425      | 20100624         |
| CA2765405 AA       | 20101229         | CA20102765405      | 20100624         |
| CA2765405 C        | 20180619         | CA20102765405      | 20100624         |
| CN102803586 A      | 20121128         | CN201080027998     | 20100624         |
| CN102803586 B      | 20160217         | CN201080027998     | 20100624         |
| CN104831377 A      | 20150812         | CN201510244031     | 20100624         |
| CN105696101 A      | 20160622         | CN201610074529     | 20100624         |
| CN105696101 B      | 20190716         | CN201610074529     | 20100624         |
| DE602010012524 D1  | 20140213         | DE201060012524T    | 20100624         |
| DE602010021892 D1  | 20150305         | DE201060021892T    | 20100624         |
| EP2446073 A1       | 20120502         | EP20100729020      | 20100624         |
| EP2446073 B1       | 20131218         | EP20100729020      | 20100624         |
| EP2594667 A1       | 20130522         | EP20130155264      | 20100624         |
| EP2594667 B1       | 20150114         | EP20130155264      | 20100624         |
| EP2883983 A1       | 20150617         | EP20150150781      | 20100624         |
| IN09922DN2011 A    | 20130222         | IN2011DN09922      | 20111216         |
| IN339868 B         | 20200703         | IN2011DN09922      | 20111216         |
| JP2012531533 T2    | 20121210         | JP20120517718T     | 20100624         |
| JP2015025235 A2    | 20150205         | JP20140216132      | 20141023         |
| JP2016113741 A2    | 20160623         | JP20160013412      | 20160127         |
| JP2018024973 A2    | 20180215         | JP20170212827      | 20171102         |
| JP5717733 B2       | 20150513         | JP20120517718T     | 20100624         |
| KR101733649 B1     | 20170524         | KR20127001956      | 20100624         |
| KR101799924 B1     | 20171121         | KR20167024936      | 20100624         |
| KR20120102578 A    | 20120918         | KR20127001956      | 20100624         |
| KR20160110560 A    | 20160921         | KR20167024936      | 20100624         |
| MX2011014050 A1    | 20120420         | MX20110014050      | 20100624         |
| MY154572 A         | 20150630         | MY20110006097      | 20100624         |
| SG10201402444Y A1  | 20141030         | SG20141002444      | 20100624         |

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|                 |          |               |          |
|-----------------|----------|---------------|----------|
| US2018206559 AA | 20180726 | US20180873456 | 20180117 |
| US2019142078 AA | 20190516 | US20180201718 | 20181127 |
| US2020154793 AA | 20200521 | US20190551295 | 20190826 |
| WO18136640 A1   | 20180726 | WO2018US14245 | 20180118 |

**Priority:**

US20170448622P 20170120 US20170548706P 20170822 US20180873456 20180117  
WO2018US14245 20180118 US20180201718 20181127 US20190551295 20190826

**Probable Assignee:** SIMPLE WISHES LLC

**Assignee(s):** (std): SIMPLE WISHES LLC

**Assignee(s):** KOSAK JOY ; シンプル ウィッシーズ エルエルシー ; シンプル ウィッシーズ, エルエルシー ; 新晋希望有限责任公司

**Inventor(s):** (std): KOSAK JOY

**Inventor(s):** コサック ジョイ ; コサック, ジョイ ; 乔伊 科萨克 ; 乔伊·科萨克

**Agent(s):** BORDEN LADNER GERVAIS LLP; COOLEY LLP; COOLEY UK LLP; TALBOT SCOTT C ET AL; 内藤 和彦; 北京律诚同业知识产权代理有限公司 11006; 吴启超; 大貫 敏史; 徐金国; 江口 昭彦; 稲葉 良幸

**Designated states:** AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DJ DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JO JP KE KG KH KM KN KP KR KW KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

**6) Family number: 59226134 (US2015133031 AA)**

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**Title:** GARMENT FOR CONTAINING MOISTURE COMPOSITIONS

**Abstract:** The present invention contemplates a garment comprising a band to be worn around a woman's torso, such as underneath a traditional garment top. The band comprises a stretchable compressive material having a generally cylindrical shape and one or more ribbing sections. The band may encircle the user's torso to cover at least a part of a protruding belly portion or skin and at least a portion of the user's back. The one or more ribbing sections may be worn underneath the protruding belly portion, providing support. The garment may serve to protect traditional garment tops, confine specialty skin products to the user's torso, or act as an extension of a traditional garment top to avoid exposure of skin.

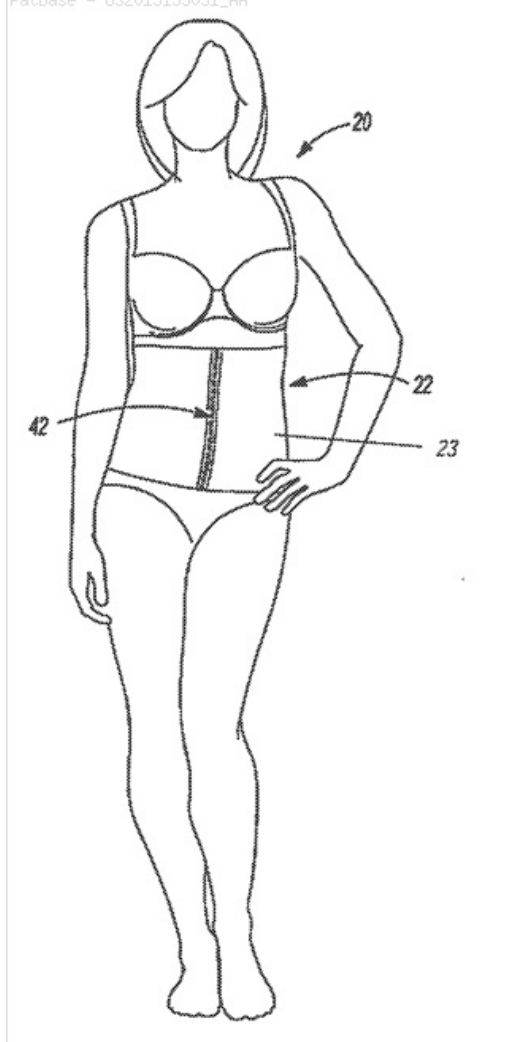
**Classifications:**

**International (IPC 8-9):** A41C1/08 A41C1/10 A41C1/12 A41D1/21 A41D31/102 A41D31/12

**CPC:** A41C1/08 A41D1/21 A41D2300/22 A41D31/12 A41C1/10 A41D2400/38 A41D2500/10 A41D31/102

**US:** 1/1 450/156

PatBase - US2015133031\_AA



**Family:**

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| US10045569 BB      | 20180814         | US20140540503      | 20141113         |
| US10470501 BB      | 20191112         | US20180958894      | 20180420         |
| US2015133031 AA    | 20150514         | US20140540503      | 20141113         |
| US2018295892 AA    | 20181018         | US20180958894      | 20180420         |

**Priority:**

US20130903673P 20131113  
US20180958894 20180420

US20140945294P 20140227

US20140540503 20141113

**Probable Assignee:** JKL IP CO LLC

**Assignee(s):** (std): JKL IP CO LLC

**Inventor(s):** (std): CADEN JODI E

**Agent(s):** GARRED MARK B; STETINA BRUNDA GARRED AND BRUCKER

**7) Family number: 29020158** (US2003162479 AA)

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**Title:** MALLEABLE SUPPORT INSERT AND GARMENTS CONTAINING SAME

**Abstract:** A malleable support insert that is useful in the construction of clothing garments, particularly brassieres. The malleable support insert is shapeable and responsive to an external force such that the insert is shaped by the external force into a first configuration and retains the first configuration after removal of the external force.

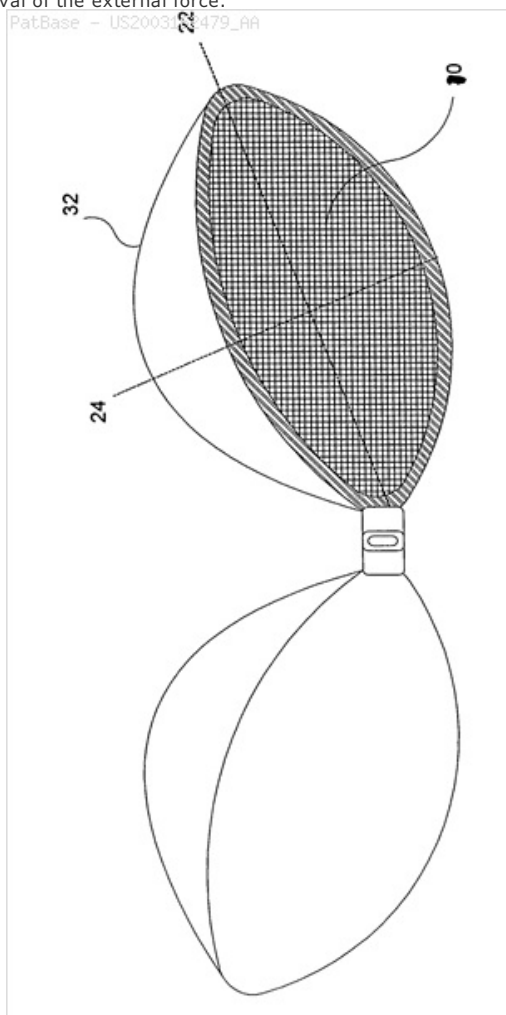
**Classifications:**

**International (IPC 8-9):** A41C3/00 A41C3/10 A41C3/14

**International (IPC 1-7):** A41C3/10

**CPC:** A41C3/10 A41C3/14 A41C3/146

**US:** 450/54 450/54P

**Family:**

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| US2003162479 AA    | 20030828         | US20020081462      | 20020222         |

**Priority:**

US20020081462 20020222

**Probable Assignee:**

TONSOR DAWN

**Assignee(s):** (std):

TONSOR DAWN

**Inventor(s):** (std):

TONSOR DAWN

**Inventor(s):**

DAWN TONSOR

**8) Family number: 44578772** (ES2334602 AA)

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**Title:** EXTENSIVE DEVICE FOR FEMALE FASTENERS AND MANUFACTURING METHOD OF THE SAME (MACHINE-TRANSLATION BY GOOGLE TRANSLATE, NOT LEGALLY BINDING)

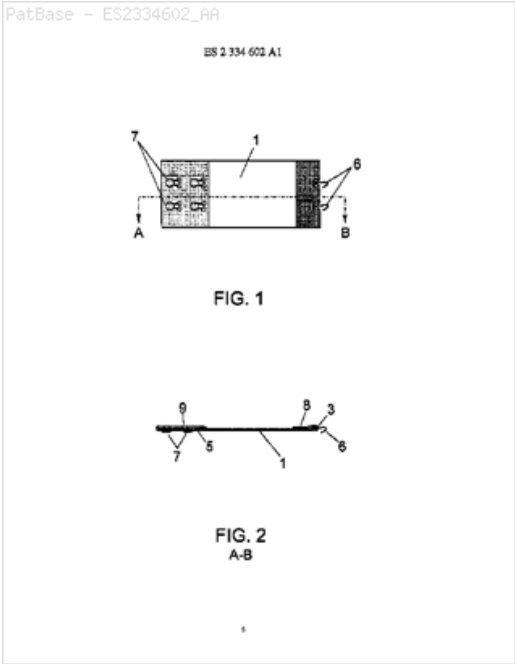
**Abstract:** Especially conceived for pregnant women, with the purpose of substantially increasing the perimeter of their fasteners and as an accessory that can be attached thereto, it consists of a band (1) of transparent silicone, provided relatively close to its ends of holes in the that male clasps (6) and female clasps (7) are attached to those commonly used in conventional fasteners, with the end zones (10) and (11) of the strip (1) being located outside the aforementioned clasps folded over the back face of the band (1), covering the bases of the brackets and fixing by welding by heating or ultrasound

to the central and majority (1) of the band, covering and protecting the bases of the brackets. This way a transparent extender is obtained that can be used indistinctly with any fastener, independently of the chromatism of the latter. (Machine-translation by Google Translate, not legally binding)

**Classifications:**

**International (IPC 8-9):** A41C3/00 A41C3/12 A41F1/00

**CPC:** A41C3/12 A41F1/006



**Family:**

| Publication number | Publication date | Application number | Application date |
|--------------------|------------------|--------------------|------------------|
| ES2334602 AA       | 20100312         | ES20070001145      | 20070427         |
| ES2334602 BA       | 20100924         | ES20070001145      | 20070427         |

**Priority:**

ES20070001145 20070427

**Probable Assignee:**

DISMERCON INTERNACIONAL S L

**Assignee(s):** (std):

DISMERCON INTERNACIONAL S L

**Inventor(s):** (std):

LORENTE DE ORADOR MIGUEL ANGEL

**Inventor(s):**

MIGUEL ANGEL LORENTE DE ORADOR