

Publicly Available Information re: patents/patent applications in the interest of TrichoScience Innovations Inc, and
RepliCel Life Sciences Inc.
(02 Nov 2017)

Agent Ref/Country:	Applicant/Proprietor	Filing No.	Publication No.	Patent No.	Title	Status
HOF-001 PCT/AU REPL.401AU Australia	TrichoScience Innovations Inc.	2003246521	WO 03/104443	2003246521	Hair follicle mesenchymal stem cells and use thereof	Granted (April 17, 2008)
HOF-001 PCT/CA REPL.401CA Canada	TrichoScience Innovations Inc.	2 488 057	WO 03/104443	2 488 057	Hair follicle mesenchymal stem cells and use thereof	Granted (August 19, 2014)
HOF-001 PCT/EP REPL.401EP Europe	TrichoScience Innovations Inc.	03 756 966.2	1 509 597	1 509 597	Hair follicle mesenchymal stem cells and use thereof	Granted (December 12, 2009) Validated in Austria, Switzerland, Germany, Spain, France, UK, Italy, Portugal
HOF-001 PCT/JP DIV1 REPL.401JPD1 Japan	TrichoScience Innovations Inc.	2010-274731	2011-101648	5442588	Hair follicle mesenchymal stem cells and use thereof	Granted (December 27, 2013)
HOF-001 PCT/JP DIV 2 REPL.401JPD2 Japan	TrichoScience Innovations Inc.	2013-186045	2014-012021	5931821	Hair follicle mesenchymal stem cells and use thereof	Granted (May 13, 2016)
HOF-001 PCT REPL.401PC	TrichoScience Innovations Inc.	PCT/DE2003/02863	WO 2003/104443		Hair follicle mesenchymal stem cells and use thereof	Filed on June 5, 2003; Published December 18, 2003; Expired and converted into national countries
HOF-001 PCT/US REPL.401US United States	TrichoScience Innovations Inc.	10/516,031	2006-0088505	8,431,400	Hair follicle mesenchymal stem cells and use thereof	Granted (April 30, 2013)
TRI-001 PCT/EP REPL-SPRT.401EP Europe	Sportcell	09 748 836.5	2 362 776	2 362 776	Cell compositions and uses thereof	Granted (April 23, 2014) Validated in France, Germany, Ireland, Netherlands, Switzerland and the United Kingdom
TRI-001 PCT REPL-SPRT.401PC Patent Cooperation Treaty	Sportcell	PCT/GB2009/002615	WO 2010/052464		Cell compositions and uses thereof	Filed on November 5, 2009; Published May 14, 2010; Expired and converted into national countries
TRI-001 PCT/US REPL-SPRT.401US United States	Sportcell	13/128 176	2011-0306946	8,932,582	Cell compositions and uses thereof	Granted (January 13, 2015)
TRI-002 PCT/CN REPL.402CN China	Shisedo Company, Ltd.	2013 8001 8521.3	n/a		Injection devices	Filed on September 30, 2014 (International filing date January 31, 2013); Allowed - Issue Fee due January 8, 2018

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TRI-002 EP REPL.402EP Europe	TrichoScience Innovations Inc.	12 153 248.5	2 623 146	2 623 146	Injection devices	Granted (January 6, 2016) Validated in Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland and United Kingdom
TRI-002 PCT/EP REPL.402PCEP Europe	TrichoScience Innovations Inc.	13 743712.5	2 809 381	2809381	Injection devices	Granted (January 11, 2017) Validated in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland and United Kingdom
TRI-002 PCT/JP REPL.402JP Japan	Shisedo Company, Ltd.	2014-555050	n/a		Injection devices	International filing date January 31, 2013; Published (date n/a); Pending
TRI-002 PCT/SG REPL.402SG Singapore	Shisedo Company, Ltd.	11 2014 04400W		11 2014 04400W	Injection devices	Granted (December 22, 2015)
TRI-002 PCT REPL.402PC Patent Cooperation Treaty	TrichoScience Innovations Inc.	PCT/CA2013/050074	WO 2013/113121		Injection devices	Filed on January 31, 2013; Published August 8, 2013; Expired and converted into national countries
TRI-002 PCT/US REPL.402US United States	RepliCel Life Sciences Inc.	14/375,205	2014-0378899	9616182	Injection devices	Granted (April 11, 2017)
REPL.403PC Patent Cooperation Treaty	RepliCel Life Sciences Inc.	PCT/US2014/016109	WO 2014/127047		Compositions and Methods for Treating and Repairing Tendons	Filed on February 12, 2014; Published August 21, 2014; Expired and converted into national countries
REPL.403CN China	RepliCel Life Sciences Inc.	201480011232.5	CN105051186		Compositions and Methods for Treating and Repairing Tendons	Filed on August 28, 2015 (International filing date February 12, 2014); Published November 11, 2015; Pending
REPL.403EP Europe	RepliCel Life Sciences Inc.	14706762.3	2956543		Compositions and Methods for Treating and Repairing Tendons	Filed on August 25, 2015 (International filing date February 12, 2014); Published December 23, 2015; Pending

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REPL.403JP Japan	RepliCel Life Sciences Inc.	2015-558113	2016-508374		Compositions and Methods for Treating and Repairing Tendons	Filed on August 12, 2015 (International filing date February 12, 2014); Published March 22, 2016; Pending
REPL.403SGD1 Singapore	RepliCel Life Sciences Inc.	10201706598W	n/a		Compositions and Methods for Treating and Repairing Tendons	Filed on August 11, 2017 (International filing date February 12, 2014); Published September 28, 2017; Pending
REPL.403US United States	RepliCel Life Sciences Inc.	14/767,577	2015-0374757		Compositions and Methods for Treating and Repairing Tendons	Filed on August 12, 2015 (International filing date February 12, 2014); Published December 31, 2015; Pending
REPL.404PC Patent Cooperation Treaty	RepliCel Life Sciences Inc.	PCT/US2014/043048	WO 2014/205142		Compositions and Methods for Treating Skin	Filed on June 18, 2014; Published December 24, 2014; Expired and converted into national countries
REPL.404CN China	RepliCel Life Sciences Inc.	201480043963.8	CN105611937		Compositions and Methods for Treating Skin	Filed on February 3, 2016 (International filing date June 18, 2014); Published May 25, 2016; Pending
REPL.404EP Europe	RepliCel Life Sciences Inc.	14737128.0	3 010 515		Compositions and Methods for Treating Skin	Filed on January 14, 2016 (International filing date June 18, 2014); Published April 27, 2016
REPL.404JP Japan	RepliCel Life Sciences Inc.	2016-521558	2016-523254		Compositions and Methods for Treating Skin	Filed on December 18, 2015 (International filing date June 18, 2014); Published August 8, 2016; Pending
REPL.404US United States	RepliCel Life Sciences Inc.	14/900,105	2016-0136206		Compositions and Methods for Treating Skin	Filed on December 18, 2015 (International filing date June 18, 2014); Published May 19, 2016; Pending
REPL.405PC Patent Cooperation Treaty	RepliCel Life Sciences Inc.	PCT/US2015/015270	WO 2015/123476		Compositions and Methods Relating to Treatments of the Oral Cavity	Filed on February 12, 2015; Published August 20, 2015; Expired and converted in US national phase.
REPL.405TW Taiwan	RepliCel Life Sciences Inc.	104104885	201538729		Compositions and Methods Relating to Treatments of the Oral Cavity	Filed on February 12, 2015; Published October 16, 2015; Pending
REPL.405US Patent Cooperation Treaty	RepliCel Life Sciences Inc.	15/118,383	2017-0165299		Compositions and Methods Relating to Treatments of the Oral Cavity	Filed on August 11, 2016 (International Filing Date February 12, 2015); Published June 15, 2017; Pending

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REPL.406PC Patent Cooperation Treaty	RepliCel Life Sciences Inc.	PCT/US2015/015721	WO 2015/123477		Compositions and Methods for Treating Bone, Joints and Cartilage	Filed on February 12, 2015; Published August 20, 2015; Expired and converted in US national phase.
REPL.406TW Taiwan	RepliCel Life Sciences Inc.	104104886	201538730		Compositions and Methods for Treating Bone, Joints and Cartilage	Filed on February 12, 2015; Published October 16, 2015; Pending
REPL.406US Patent Cooperation Treaty	RepliCel Life Sciences Inc.	15/118,391	2017-0173084		Compositions and Methods for Treating Bone, Joints and Cartilage	Filed on August 11, 2016 (International Filing Date February 12, 2015); Published June 22, 2017; Pending
REPL.407PC Patent Cooperation Treaty	RepliCel Life Sciences Inc.	PCT/US2015/044110	WO 2016/022865		Injection Devices	Filed on August 6, 2015, 2015; Published February 11, 2016; Expired and converted into national countries
REPL.407CN China	RepliCel Life Sciences Inc.	201580051748.7	CN106794316		Injection Devices	Filed on TBA (International filing date June 18, 2014); Published May 31, 2017; Pending
REPL.407EP Europe	RepliCel Life Sciences Inc.	15829509.7	3 177 348		Injection Devices	Filed on TBA (International filing date June 18, 2014); Published June 14, 2017; Pending
REPL.407JP Japan	RepliCel Life Sciences Inc.	2017-506786	2017-523001		Injection Devices	Filed on February 6, 2017 (International filing date June 18, 2014); Published August 17, 2017; Pending
REPL.407TW Taiwan	RepliCel Life Sciences Inc.	104125502	201607576		Injection Devices	Filed on August 5, 2015; Published March 1, 2016; Pending
REPL.407US United States	RepliCel Life Sciences Inc.	15/501,171	2017-0224935		Injection Devices	Filed on February 1, 2017 (International filing date June 18, 2014); Published August 10, 2017; Pending

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