

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT8355021

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ORTHOVITA, INC.	11/08/2023
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	STRYKER CORPORATION	
<b>Street Address:</b>	2825 AIRVIEW BOULEVARD	
<b>City:</b>	KALAMAZOO	
<b>State/Country:</b>	MICHIGAN	
<b>Postal Code:</b>	49002	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Patent Number:</b>	8652154
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(908)654-7866	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	(908) 654-5000	
<b>Email:</b>	assignment@lernerdavid.com	
<b>Correspondent Name:</b>	LERNER DAVID LLP	
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<b>ATTORNEY DOCKET NUMBER:</b>	SPINE 3.0F-1105	
<b>NAME OF SUBMITTER:</b>	MELINDA C. CORMIER	
<b>SIGNATURE:</b>	/Melinda C. Cormier/	
<b>DATE SIGNED:</b>	12/29/2023	
<b>Total Attachments: 6</b>		
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## PATENT ASSIGNMENT

This Patent Assignment ("Assignment"), effective as of November 8, 2023 ("Effective Date"), is made by and between ORTHOVITA, INC. ("ASSIGNOR"), a corporation organized under the laws of Pennsylvania with its principal place of business located at 77 Great Valley Parkway, Malvern, Pennsylvania 19355, United States of America and STRYKER CORPORATION ("ASSIGNEE"), a corporation organized under the laws of Michigan with its principal place of business located at 2825 Airview Boulevard, Kalamazoo, Michigan 49002, United States of America.

WHEREAS, ASSIGNOR is the sole owner of the patents and patent applications listed in the attached Exhibit A (the "PATENTS") and ASSIGNEE desires to acquire the PATENTS and the inventions disclosed therein.

NOW, THEREFORE, for good and valuable consideration of the sum of one dollar (US \$1.00), receipt of which is hereby acknowledged, ASSIGNOR hereby irrevocably assigns, conveys and transfers to ASSIGNEE all worldwide right, title and interest in (i) the PATENTS and the inventions and improvements disclosed therein; (ii) all reissues, divisionals, continuations, continuations-in-part, extensions, renewals, reexaminations and foreign counterparts thereof, and other patents, patent applications, certificates of invention other governmental grants resulting from the PATENTS; (iii) all patents and applications which claim priority to or have common disclosure or common priority with any such patents or patent applications, and (iv) any Assigned Patent that as of the Effective Date is subject to a Disclaimer Issue with respect to any other such patents or patent applications; and (v) all rights corresponding to any of the foregoing throughout the world including all rights under any International Conventions for the Protection of Industrial Property, including the Paris Convention and the European Patent Convention and the corresponding rights to claim benefit from the priority of any of the patents or patent applications and the right to sue for and recover damages for any past, present or future infringement of any respective patent, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, to the end of the term or terms of said PATENTS granted or reissued or reexamined as fully and entirely as the same would have been held and enjoyed by ASSIGNOR, if this assignment and sale had not been made.

If the issue date and/or patent number of any of the PATENTS is unknown to ASSIGNOR and ASSIGNEE at the time this Assignment is executed, ASSIGNOR does hereby authorize its attorneys to insert on this Assignment the issue date and patent number of said any patent when known.

ASSIGNOR hereby undertakes that it shall, without further consideration, but at the expense of ASSIGNEE, execute all documents and do all such acts and things as ASSIGNEE may in its absolute discretion consider necessary or desirable to enable Letters Patent or any other form of protection to be issued in respect of any of said PATENTS and the inventions disclosed therein in any part of the world and to enable or to assist ASSIGNEE to defend oppositions thereto, to maintain the PATENTS and to prosecute for the infringement thereof.

ASSIGNOR hereby declares that ASSIGNEE may take the steps to record this assignment in the sole name of ASSIGNEE.

This Assignment shall be governed by and construed in accordance with the laws of the State of Michigan, excluding any conflicts or choice of law rule or principle that might otherwise refer construction or interpretation of this Assignment to the substantive law of another jurisdiction.

This Assignment may be executed and delivered (including electronically) in one or more counterparts, and by the parties in separate counterparts, each of which when executed shall be deemed to be an original, but when taken together shall constitute one and the same agreement.

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed by their duly authorized representatives as of the Effective Date.

ORTHOVITA, INC. (ASSIGNOR)

By: [Signature]

Name: Greg Plaskon

Title: IP Agent

Date: November 8, 2023

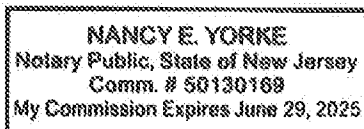
STATE OF New Jersey  
: ss.

COUNTY OF Union )

The person whose name is subscribed to the accompanying instrument is personally known to me or has proved his/her identity to me on the basis of satisfactory evidence. On November 8, 2023, he/she appeared before me and acknowledged that he/she has read the accompanying instrument and knows the contents thereof, and that he/she executed the same as their free act and deed for the purposes set forth therein. If he/she is acting on behalf of an entity, he/she also acknowledged that he/she executed the accompanying instrument in his/her authorized capacity, and that by his/her signature on the instrument, the entity executed the same.

[Signature]  
NOTARY PUBLIC  
Residing at Woodbridge, New Jersey

My Commission Expires: \_\_\_\_\_



STRYKER CORPORATION (ASSIGNEE)

By: [Signature]

Name: Greg Plaskon

Title: IP AGENT

Date: November 8, 2023

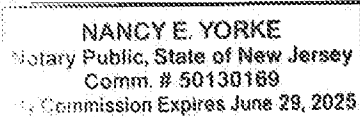
STATE OF New Jersey  
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[Signature]  
NOTARY PUBLIC  
Residing at Woodbridge, New Jersey

My Commission Expires: \_\_\_\_\_



7827446

PATENT  
REEL: 065978 FRAME: 0489

**EXHIBIT A**

COUNTRY	TITLE	STATUS	APPLICATION NO	PATENT NO	ASSIGNEE
US	A METHOD FOR RESTORING BONE USING SHAPEABLE BONE GRAFT SUBSTITUTE AND INSTRUMENTS FOR DELIVERY THEREOF	Issued	15/710,071	10,441,683	Stryker Corporation
US	BIOACTIVE ANTIBACTERIAL BONE GRAFT MATERIALS	Issued	12/643,002	8,778,378	Stryker Corporation
DE	BIOACTIVE BONE GRAFT AND SUBSTITUTE	Issued	15155133.0	2896411	Stryker Corporation
FR	BIOACTIVE BONE GRAFT AND SUBSTITUTE	Issued	15155133.0	2896411	Stryker Corporation
GB	BIOACTIVE BONE GRAFT AND SUBSTITUTE	Issued	15155133.0	2896411	Stryker Corporation
US	BIOACTIVE BONE GRAFT SUBSTITUTE	Issued	13/627,439	8,460,686	Stryker Corporation
US	BIOACTIVE BONE GRAFT SUBSTITUTE	Issued	11/771,857	8,303,967	Stryker Corporation
US	BIOACTIVE COMPOSITES OF POLYMER AND GLASS AND METHOD FOR MAKING SAME	Issued	14/699,333	9,662,821	Stryker Corporation
US	BIOACTIVE COMPOSITES OF POLYMER AND GLASS AND METHOD FOR MAKING SAME	Issued	15/586,929	10,307,511	Stryker Corporation
DE	BIOACTIVE FLOWABLE WASH-OUT RESISTANT BONE GRAFT MATERIAL AND METHOD FOR PRODUCTION THEREOF	Issued	16161967.1	602016014166.3	Stryker Corporation
FR	BIOACTIVE FLOWABLE WASH-OUT RESISTANT BONE GRAFT MATERIAL AND METHOD FOR PRODUCTION THEREOF	Issued	16161967.1	3072538	Stryker Corporation
GB	BIOACTIVE FLOWABLE WASH-OUT RESISTANT BONE GRAFT MATERIAL AND METHOD FOR PRODUCTION THEREOF	Issued	16161967.1	3072538	Stryker Corporation

**EXHIBIT A**

COUNTRY	TITLE	STATUS	APPLICATION NO	PATENT NO	ASSIGNEE
US	BIOACTIVE FLOWABLE WASH-OUT RESISTANT BONE GRAFT MATERIAL AND METHOD FOR PRODUCTION THEREOF	Issued	14/666,985	10,195,305	Stryker Corporation
US	BIOACTIVE LOAD-BEARING COMPOSITES	Issued	14/605,265	9,381,275	Stryker Corporation
US	BIOACTIVE LOAD-BEARING COMPOSITES	Issued	15/174,280	10,195,308	Stryker Corporation
US	BIOACTIVE LOAD-BEARING COMPOSITES	Issued	13/426,208	8,597,675	Stryker Corporation
US	BIOACTIVE LOAD-BEARING COMPOSITES	Issued	12/442,531	8,968,797	Stryker Corporation
US	BIOCOMPATIBLE BONE GRAFT MATERIAL	Issued	10/771,077	7,189,263	Stryker Corporation
US	BONE GRAFT MATERIALS CONTAINING CALCIUM PHOSPHATE AND CHITOSAN	Issued	13/801,044	9,040,093	Stryker Corporation
AU	BONE GRAFT SUBSTITUTE	Issued	2005209861	2005209861	Stryker Corporation
AU	BONE GRAFT SUBSTITUTE	Issued	2012244219	2012244219	Stryker Corporation
DE	BONE GRAFT SUBSTITUTE	Issued	05712625.2	1727489	Stryker Corporation
DE	BONE GRAFT SUBSTITUTE	Issued	16175575.6	602005055578.1	Stryker Corporation
FR	BONE GRAFT SUBSTITUTE	Issued	05712625.2	1727489	Stryker Corporation
FR	BONE GRAFT SUBSTITUTE	Issued	16175575.6	3090702	Stryker Corporation
GB	BONE GRAFT SUBSTITUTE	Issued	05712625.2	1727489	Stryker Corporation
GB	BONE GRAFT SUBSTITUTE	Issued	16175575.6	3090702	Stryker Corporation
US	BONE RESTORATIVE CARRIER MEDIUMS	Issued	10/973,781	7,534,451	Stryker Corporation

**EXHIBIT A**

COUNTRY	TITLE	STATUS	APPLICATION NO	PATENT NO	ASSIGNEE
US	BONE RESTORATIVE CARRIER MEDIUMS	Issued	12/331,764	8,287,915	Stryker Corporation
US	FLOWABLE COLLAGEN-BASED HEMOSTAT AND METHODS OF USE	Issued	13/411,324	9,447,169	Stryker Corporation
US	MATERIALS AND METHODS FOR REPAIR OF CARTILAGE DEFECTS	Issued	15/995,867	10,500,307	Stryker Corporation
US	MATERIALS AND METHODS FOR REPAIR OF CARTILAGE DEFECTS	Issued	13/793,142	10,016,527	Stryker Corporation
US	METHOD FOR STABILIZING VERTEBRAL BODY ARCHITECTURE	Issued	12/706,530	8,647,614	Stryker Corporation
US	MIXING SYSTEM AND VALVE ASSEMBLY	Issued	15/424,150	9,776,150	Stryker Corporation
US	MIXING SYSTEM AND VALVE ASSEMBLY	Issued	15/687,879	10,143,982	Stryker Corporation
US	MIXING SYSTEM AND VALVE ASSEMBLY	Issued	14/190,484	9,604,184	Stryker Corporation
US	PEPSINIZED COLLAGEN IMPLANTS AND BIOMEDICAL USES THEREOF	Issued	15/248,877	10,111,982	Stryker Corporation
US	PEPSINIZED COLLAGEN IMPLANTS AND BIOMEDICAL USES THEREOF	Issued	14/209,320	9,452,240	Stryker Corporation
US	SHAPEABLE BONE GRAFT SUBSTITUTE AND INSTRUMENTS FOR DELIVERY THEREOF	Issued	14/933,217	9,789,225	Stryker Corporation
US	SHAPEABLE BONE GRAFT SUBSTITUTE AND INSTRUMENTS FOR DELIVERY THEREOF	Issued	10/874,994	9,220,595	Stryker Corporation
US	STABLE COMPOSITIONS CONTAINING THROMBIN AND METHODS FOR PREPARATION AND USE THEREOF	Issued	14/833,597	10,124,063	Stryker Corporation

**EXHIBIT A**

COUNTRY	TITLE	STATUS	APPLICATION NO	PATENT NO	ASSIGNEE
US	STABLE COMPOSITIONS CONTAINING THROMBIN AND METHODS FOR PREPARATION AND USE THEREOF	Issued	13/794,421	9,149,529	Stryker Corporation
US	SYRINGE FOR THE DELIVERY OF VISCOUS COMPOSITIONS	Issued	12/057,603	9,539,042	Stryker Corporation
US	NON-RESORBABLE IMPLANTABLE GUIDES	Issued	11/617,404	8,652,154	Stryker Corporation

QBX to STRYKER