

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3613010

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
COOK MEDICAL TECHNOLOGIES LLC			01/21/2014
RECEIVING PARTY DATA			
Name:	MUFFIN INCORPORATED		
Street Address:	1400 CUMBERLAND AVENUE		
City:	WEST LAFAYETTE		
State/Country:	INDIANA		
Postal Code:	47906		
PROPERTY NUMBERS Total: 2			
Property Type	Number		
Application Number:	14834971		
Application Number:	14835005		
CORRESPONDENCE DATA			
Fax Number:	(317)637-7561		
<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>			
Phone:	317-634-3456		
Email:	docketdept@uspatent.com		
Correspondent Name:	KENNETH A. GANDY		
Address Line 1:	WOODARD, EMHARDT, MORIARTY, MCNETT ET AL		
Address Line 2:	111 MONUMENT CIRCLE, SUITE 3700		
Address Line 4:	INDIANAPOLIS, INDIANA 46204		
ATTORNEY DOCKET NUMBER:	22107-309/310		
NAME OF SUBMITTER:	CAROL A. THOMAS		
SIGNATURE:	/Carol A. Thomas/		
DATE SIGNED:	11/12/2015		
Total Attachments: 4			
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ASSIGNMENT

Cook Medical Technologies LLC, a limited liability company of the State of Indiana, having a principal place of business at 750 North Daniels Way, Bloomington, Indiana 47404, hereinafter referred to as the "Assignor," owns certain items of intellectual property in

METHODS, SUBSTRATES, AND SYSTEMS USEFUL FOR CELL SEEDING OF MEDICAL GRAFTS,

which include subject matter protectable under various forms of intellectual property, for example, inventions, patents, copyrights, and/or trade secrets, hereinafter referred to as the "Intellectual Property," owned by the Assignor and as, at least in part, disclosed, described, claimed, and/or intended to be in

United States Provisional Patent Application No. 61/348,135, filed May 25, 2010;
International Patent Application No. PCT/US2011/037897, filed May 25, 2011;
United States Patent Application No. 13/115,347, filed May 25, 2011;
Australian Patent Application No. 2011258295, filed May 25, 2011;
Canadian Patent Application No. 2800284, filed May 25, 2011
Chinese Patent Application No. 201180031363.6, filed May 25, 2011;
European Patent Application No. 11726544.7, filed May 25, 2011; and
Japanese Patent Application No. 2013-512200, filed May 25, 2011,

hereinafter referred to as the "Application." In the event the application number and/or filing date of the Application are not known and/or written above at the time this Assignment is executed, the Assignor hereby authorizes and requests the firm of Woodard, Emhardt, Moriarty, McNett & Henry LLP of 111 Monument Circle, Suite 3700, Indianapolis, Indiana 46204-5137 to insert above the date and/or application number of the Application when officially known.

For good, valuable and sufficient consideration to the Assignor, the receipt of which is hereby acknowledged, the Assignor does hereby grant, assign, sell, and transfer unto **Muffin Incorporated**, a corporation of the State of Indiana, having a principal place of business at 1400 Cumberland Avenue, West Lafayette, Indiana 47906, hereinafter referred to as the "Assignee," the Intellectual Property and all rights related thereto, hereinafter referred to as the "Intellectual Property and Related Rights", which include but are not limited to the following items (i) through (v) and (a) through (c):

- (i) all of the entire worldwide right, title, and interest in, to, and under the Intellectual Property,
- (ii) all of the entire worldwide right, title, and interest in, to, and under future developments, including improvements, in the Intellectual Property,
- (iii) all of the entire worldwide right, title and interest, together with all rights of priority, in, to and under the Application,
- (iv) all of the entire worldwide right, title and interest, including the beneficial interest, together with all rights of priority, in, to, and under, including the right to file, any and all applications based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, which include, but are not limited to, provisional, non-provisional, utility, design, industrial design, international, national/regional phase, plant, and petty patent applications, and any and all divisions, continuations, continuations-in-part, substitutes, extensions, re-examinations and reissues thereof, and
- (v) all of the entire worldwide right, title, and interest, together with all rights of priority and rights of action for infringement, in, to, and under any and all patents based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, which include, but are not limited to, non-provisional, utility, design, industrial design, international, national/regional phase, plant, and petty patent applications, and any and all divisions, continuations, continuations-in-part, substitutes, extensions, re-examinations and reissues thereof,

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in all countries, United States and foreign, and under any applicable treaty or convention, which include but are not limited to

- (a) all past, present and future rights and privileges, legal, equitable and otherwise, including, to the extent permissible by law, rights and privileges related to the Assignor's attorney-client relationship,
- (b) all past, present and future causes of action, including causes of action for infringement and misappropriation, whether committed or accruing before, on or after the effective date of this assignment, and
- (c) all past, present and future remedies for damages and profits,

as related to the Intellectual Property, future developments in the Intellectual Property, the Application and any and all applications or patents based on or arising from the Intellectual Property, future developments in the Intellectual Property, or the Application, to be held and enjoyed by the Assignee as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made.

To the extent not granted, assigned, sold, or transferred to the Assignee by the above and for the good and valuable consideration acknowledged above, the Assignor agrees to and does hereby grant, assign, sell, and transfer unto the Assignee any and all future developments, including improvements, in the Intellectual Property and Related Rights immediately and automatically upon existence.

The Assignor hereby COVENANTS AND WARRANTIES that the Assignor has not executed and shall not execute any writing or perform any act whatsoever conflicting with this Assignment. This covenant and warranty includes, but is not limited to, a representation to the Assignee that no grant, assignment, sale, transfer, mortgage, license, encumbrance or other agreement affecting any portion, in whole or in part, of the Intellectual Property and Related Rights has been made to any party by the Assignor, and that the full right and authority to convey the Intellectual Property and Related Rights as herein expressed is possessed by the Assignor.

The Assignor hereby agrees that the Assignor will, in view of the good and valuable consideration acknowledged above, perform the following as relating to the Intellectual Property, the Application and the portions of any and all applications or patents based on or arising from the Intellectual Property or the Application in all countries, United States and foreign, and under any applicable treaty or convention:

- (1) communicate any and all facts and information known to the Assignor respecting the Intellectual Property and Related Rights to the Assignee and the Assignee's affiliates, legal representatives and successors;
- (2) sign, execute and deliver any and all other papers necessary or desirable to perfect the title to all of the entire right and interest, together with all rights of priority in, to and under the Intellectual Property, the Application and any and all applications or patents based on or arising from the Intellectual Property or the Application, including all rightful oaths, declarations, assignments, powers of attorney and other related papers, in and for the use of the Assignee and the Assignee's affiliates, legal representatives and successors;
- (3) testify in any legal or quasi-legal proceedings regarding any and all facts known to the Assignor relating to the Intellectual Property and Related Rights as requested by the Assignee and the Assignee's affiliates, legal representatives and successors;
- (4) act in the benefit of the Assignee, including not engaging in any acts resulting in intentional or unintentional waiver of attorney-client privileges, as relating to the Intellectual Property and Related Rights without express written authorization by the Assignee, and, in the event that there is a waiver of attorney-client privileges, assert that any partial waiver of attorney-client privileges does not constitute a total waiver of attorney-client privileges; and

ASSIGNMENT

- (5) generally do everything reasonable to aid in securing, maintaining and enforcing proper protection for the Intellectual Property and Related Rights in the Assignee and the Assignee's affiliates, legal representatives and successors.

The Assignor hereby agrees that any partial waiver of the Assignor's attorney-client rights and privileges as related to the Intellectual Property and Related Rights, whether inadvertent, willful, past, present or future, will not constitute a total waiver of the Assignor's attorney-client rights and privileges.

The Assignor hereby authorizes and requests the Honorable Commissioner for Patents to issue any aforesaid patent to the Assignee and the Assignee's affiliates, legal representatives and successors.

This Assignment embodies the complete agreement between the parties on this subject and shall be governed and controlled as to validity, enforcement, interpretation, construction, effect and in all other respects by the laws of the United States, and in particular in accordance with the laws of the State of Indiana, without reference to the conflict of laws principles thereof. It is further understood that Assignor consents to the courts of Indiana in connection with any dispute arising under the Assignment.

If any provision of this Assignment shall be ruled invalid or unenforceable by a court of competent jurisdiction, such decision shall not affect the validity or enforceability of the remaining portions of this Assignment, which remaining portions and terms shall continue in full force and effect as if this Assignment had been executed with the invalid portion eliminated.

Assignee:

Assignee hereby accepts the sale, transfer and assignment of the Intellectual Property and Related Rights.

Neal E. Fearnot

Signature (Assignee)

Printed Name: Neal E. Fearnot

Title: President

Company: Muffin Incorporated

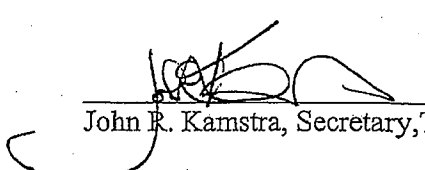
Date: 28 day of January, 2014

ASSIGNMENT

Signed for and on behalf of

COOK MEDICAL TECHNOLOGIES LLC

This 21 day of JANUARY, 2014

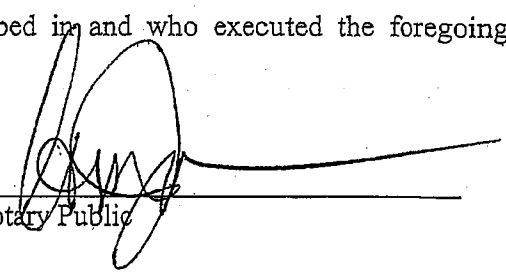

John R. Kamstra, Secretary, Treasurer

State of Indiana)

) ss:

County of Monroe)

On this 21 day of JANUARY, 2014, before me personally came John R. Kamstra, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

My Commission Expires:

Connie Johnson
Notary Public
Seal
County of Monroe
My Comm. Exp. 6/4/17
State of Indiana