

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Gabor FORGACS</td> <td>08/20/2012</td> </tr> <tr> <td>Francoise MARGA</td> <td>08/15/2012</td> </tr> <tr> <td>Karoly Robert JAKAB</td> <td>09/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gabor FORGACS	08/20/2012	Francoise MARGA	08/15/2012	Karoly Robert JAKAB	09/21/2012
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Gabor FORGACS	08/20/2012								
Francoise MARGA	08/15/2012								
Karoly Robert JAKAB	09/21/2012								
RECEIVING PARTY DATA									
Name:	The Curators of the University of Missouri								
Street Address:	316 University Hall								
City:	Columbia								
State/Country:	MISSOURI								
Postal Code:	65211								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13558928</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13558928				
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Application Number:	13558928								
CORRESPONDENCE DATA									
Fax Number:	6504936811								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(650) 493-9300								
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Address Line 1:	650 Page Mill Road								
Address Line 4:	Palo Alto, CALIFORNIA 94304								
ATTORNEY DOCKET NUMBER:	41769-701.201								
NAME OF SUBMITTER:	Rose Dotson								
<p>Total Attachments: 9 source=41769-701.201 - Executed Assignments#page1.tif source=41769-701.201 - Executed Assignments#page2.tif</p>									

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WHEREAS, **Gabor Forgacs**, an individual, a citizen of the USA, having a residential address of 16 Pleasant Street, Potsdam, NY 13676 (“Assignor”), has contributed to the invention of subject matter related to and, all or a portion of which, is disclosed, described and/or claimed in UM Invention Disclosure No. 11UMC054 entitled “Engineering animal meat” for which a patent application(s) was filed on July 26, 2011 and assigned U.S. Patent application number 61/511,948 (“Application”); and filed July 26, 2012 and assigned U.S. Patent application number 13/558,928 and International Application No. PCT/US12/48357 entitled “Engineered Comestible Meat”;

WHEREAS, **The Curators of the University of Missouri**, a public corporation of the State of Missouri having a principal place of business at 316 University Hall, Columbia, Missouri 65211, U.S.A. (“Assignee”), is desirous of acquiring Assignor’s entire right, title and interest in and to said subject matter including rights to any and all invention(s), said Application, and any and all Letters Patent that might be granted upon or otherwise stem therefrom; and

WHEREAS, pursuant to Assignor’s assignment obligations under the Collected Rules and Regulations § 100.020, Assignor desires to convey any and all rights that Assignor has or might have in the aforementioned subject matter, invention(s), said Application and said Letters Patent to Assignee and Assignor requests that any ambiguities in this document be construed in favor of such conveyance.

NOW, THEREFORE, to all whom it may concern, be it known that, in consideration of Assignor’s past and continued employment with and use of Assignee’s funds and facilities, Assignor’s assignment obligations and royalty-sharing rights under the Collected Rules and Regulations § 100.020, the sum of \$1.00 in-hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, transfers and conveys (or confirms any prior such conveyance as the case may be) to Assignee, Assignor’s entire right, title and interest within the United States, its territories and possessions, and all foreign countries, in and to: said subject matter, said invention(s) and any and all improvements thereto, said Application, and any and all Letters Patent that may be

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granted therefor in any country; any and all derivative or continuing applications including any and all divisionals, continuations, continuations-in-part, extensions, renewals, and reissues thereof; any and all applications for patents or similar legal protection that may hereafter be filed for said invention(s) in any country; all patents or similar legal protection that may be granted for said in any country and all extensions, renewals and reissues thereof or legal equivalent thereof.

Assignor hereby authorizes and requests the Director of the United States Patent and Trademark Office, and any official of any other country whose duty it is to issue patents or similar legal protection on said invention(s), to issue patents or similar legal protection for said invention(s) to Assignee, the same to be held by Assignee for its own use and benefit, to the full end of the term for which said patents or similar legal protection are or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

Assignor hereby further agrees, upon the request of Assignee, to execute any and all applications for divisionals, continuations and/or continuations-in-part for said invention(s) or improvements thereto and any supplemental oath or declaration relating thereto, and any applications for the reissue or extension of any patent that may be granted upon said Application that Assignee may deem necessary or expedient. Assignor agrees to supply Assignee with all information that may be material to the patentability of said invention(s) and to cooperate with Assignee and its representatives in preparing arguments in support of patentability. Assignor further agrees that, in the event said invention(s), said Application or any patents issued thereon becomes involved in an interference, upon request of Assignee, Assignor will cooperate to the best of its ability with Assignee in preparing the preliminary statement and giving and producing evidence in support thereof. Assignor also agrees that, in the event any patent issued from said invention(s) or said Application becomes involved in litigation, upon request of Assignee, Assignor will cooperate to the best of its ability with Assignee in producing evidence in support thereof. Assignor hereby agrees to perform, upon such request, any and all affirmative acts to obtain said patents or similar legal protection, and vest all rights therein in Assignee as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made. Assignor hereby irrevocably appoints the President of Assignee, or the President's

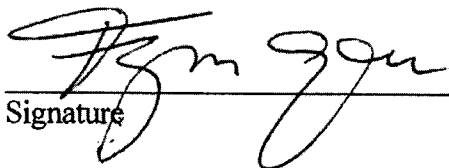
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designee, as Assignor's attorney-in-fact with authority to execute for Assignor and on Assignor's behalf any and all assignments, applications, or other instruments and documents required to be executed by Assignor pursuant to this Agreement, if Assignor is unwilling or unable to execute same.

Assignor hereby covenants and warrants that: Assignor believes Assignor to be an original and first inventor of said invention(s); Assignor has the full right and power to convey the rights previously mentioned in said subject matter, said invention(s), said Application, and any Letters Patent issuing therefrom to Assignee; and Assignor has not executed and will not execute any other agreement that purports to assign such rights and/or one that is in conflict herewith.

IN WITNESS WHEREOF, Assignor has executed this Assignment Agreement as of the day and year written below.

ASSIGNOR




Signature

08/20/12

Date

STATE OF New York)
) SS
COUNTY OF St. Lawrence)

On this 20 day of Aug., 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared Gabor Forgacs to me known and known to me to be the person of that name who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Notary Public

(SEAL)

My Commission Expires: 10-05-2013

LISA A. GREEN
Notary Public, State of New York
No. 4893158
Qualified in St. Lawrence County
Commission Expires October 5, 2013

ASSIGNMENT

WHEREAS, **Francoise Marga**, an individual, a citizen of France, having a residential address of 1401 Ashland Road, Apt. K, Columbia, Missouri 65201 (“Assignor”), has contributed to the invention of subject matter related to and, all or a portion of which, is disclosed, described and/or claimed in UM Invention Disclosure No. 11UMC054 entitled “Engineering animal meat” for which a patent application(s) was filed on July 26, 2011 and assigned U.S. Patent application number 61/511,948 and filed July 26, 2012 and assigned U.S. Patent application number 13/558,928 and International Application No. PCT/US12/48357 (“Application”) entitled “Engineered Comestible Meat”;

WHEREAS, **The Curators of the University of Missouri**, a public corporation of the State of Missouri having a principal place of business at 316 University Hall, Columbia, Missouri 65211, U.S.A. (“Assignee”), is desirous of acquiring Assignor’s entire right, title and interest in and to said subject matter including rights to any and all invention(s), said Application, and any and all Letters Patent that might be granted upon or otherwise stem therefrom; and

WHEREAS, pursuant to Assignor’s assignment obligations under the Collected Rules and Regulations § 100.020, Assignor desires to convey any and all rights that Assignor has or might have in the aforementioned subject matter, invention(s), said Application and said Letters Patent to Assignee and Assignor requests that any ambiguities in this document be construed in favor of such conveyance.

NOW, THEREFORE, to all whom it may concern, be it known that, in consideration of Assignor’s past and continued employment with and use of Assignee’s funds and facilities, Assignor’s assignment obligations and royalty-sharing rights under the Collected Rules and Regulations § 100.020, the sum of \$1.00 in-hand paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby assigns, transfers and conveys (or confirms any prior such conveyance as the case may be) to Assignee, Assignor’s entire right, title and interest within the United States, its territories and possessions, and all foreign countries, in and to: said subject matter, said invention(s) and any and all improvements thereto, said Application, and any and all Letters Patent that may be

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granted therefor in any country; any and all derivative or continuing applications including any and all divisionals, continuations, continuations-in-part, extensions, renewals, and reissues thereof; any and all applications for patents or similar legal protection that may hereafter be filed for said invention(s) in any country; all patents or similar legal protection that may be granted for said in any country and all extensions, renewals and reissues thereof or legal equivalent thereof.

Assignor hereby authorizes and requests the Director of the United States Patent and Trademark Office, and any official of any other country whose duty it is to issue patents or similar legal protection on said invention(s), to issue patents or similar legal protection for said invention(s) to Assignee, the same to be held by Assignee for its own use and benefit, to the full end of the term for which said patents or similar legal protection are or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

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ASSIGNMENT

WHEREAS, **Karoly Robert Jakab**, an individual, a citizen of Romania and a permanent resident of the United States of America , having a residential address of 31 Broadway Village Dr., Apt. F, Columbia, MO 65201 (“Assignor”), has contributed to the invention of subject matter related to and, all or a portion of which, is disclosed, described and/or claimed in UM Invention Disclosure No. 11UMC054 entitled “Engineering animal meat” for which a patent application(s) was filed on July 26, 2011 and assigned U.S. Patent application number 61/511,948 and filed July 26, 2012 and assigned U.S. Patent application number 13/558,928 and International Application No. PCT/US12/48357 (“Application”) entitled “Engineered Comestible Meat”;

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and all improvements thereto, said Application, and any and all Letters Patent that may be granted therefor in any country; any and all derivative or continuing applications including any and all divisionals, continuations, continuations-in-part, extensions, renewals, and reissues thereof; any and all applications for patents or similar legal protection that may hereafter be filed for said invention(s) in any country; all patents or similar legal protection that may be granted for said in any country and all extensions, renewals and reissues thereof or legal equivalent thereof.

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