## 12/11/2013

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To the Director of the U.S. Patentand Trademark Office:	
Name of conveying partities)	Please record the attached documents of the new address(es) below.
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Gerald STEINER, Edmund KOCH	1. Name and address of receiving party(ies) Name: UNIVERSITÄT LEIPZIG
The American	
Thomas BARTELS, Maria-Elisabeth KRAUTWALD-JUNGHANNS	Street Address: Ritterstrasse 26
	City: LEIPZIG
dditional name(s) of conveying party(les) attached? Yes	Country: GERMANY Zip: D-04109
. Nature of conveyance/fixecution Date(s): Execution Date(s) フルカスキャルルタ	· 1
· · · · · · · · · · · · · · · · · · ·	2. Name and address of receiving party(ies)
	Name: TECHNISCHE UNIVERSITÄT DRESDEN
Security Agreement Change of Nan	Street Address: MOMMSENSTRASSE 11
Joint Research Agreement	City: DRESDEN
Government Interest Assignment	. Country: GERMANY Zip: D-01069
Executive Order 9424, Confirmatory License Correction Notice of Recordation of A	wichel
<u>M OtherReel/frame 028734/0292</u>	
	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
13/574,751	
(10/2/1/19)	,
Additional numb	ers attached? Yes VNo
. Name and address to whom correspondence	6. Total number of applications and patents
concerning document should be mailed:	involved: One
Name: Horst M. KASPER	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address:	
	Authorized to be charged to deposit account
13 Forest Drive	Enclosed
Street Address:	None required (government interest not affecting title)
Warren	8. Payment Information
New Jersey 7 07059	
State	
Phone Number: 908-526-6100	Deposit Account Number11 - 0224
Docket Number:	Authorized User Name_ Horst M. Kasper
Email Address: <u>patentmal@aol.com</u>	
9. Signature: MMN M Vuryh	1 000000001 110224 1
9. Signature. /// puryou	91/30/ CU14 Date
HORST M. KASPER	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:
	rer sheet) should be faxed to (571) 273-0140, or mailed to:

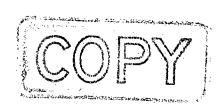
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trame of conveying party(ies)	2. Name and address of receiving party(ies)
Gerald STEINER, Edmund KOCH Thomas BARTELS, Maria-Elisabeth KRAUTWALD-JUNGHANNS	Name: Technische Universität Dresden and Universität Leipzig
additional name(s) of conveying party(ies) attached? $oxedsymbol{\square}$ Yes $oxedsymbol{ u}$	
B. Nature of conveyance/Execution Date(s):	Street Address: Ritterstrasse 26
Execution Date(s) July 10, 2012 + July 11, 201	2
Assignment Germany Merger	City: Leipzig
Security Agreement Change of Name	City: Leipzig
Joint Research Agreement	State:
Government Interest Assignment	Country: Germany Zio: D-04109
Executive Order 9424, Confirmatory License	Country: Germany Zip: D-04109
Other	Additional name(s) & address(es) attached? Yes
. Application or patent number(s):	is document is being filed together with a new application
A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers  Name and address to whom correspondence	attached? Yes No  6. Total number of applications and patents
oncerning document should be mailed: Name: Horst M. Kasper	involved: one
Name: Horst M. Kasper	
Want M. Varuan	involved: <u>On e</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \(\frac{\(\frac{1}{2}\)}{\(\frac{1}{2}\)}\)
Name: Horst M. Kasper Internal Address:	involved: On e  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{1}{2} \) \( \frac{1}
Name: Horst M. Kasper	involved: One 7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{\frac{1}{20}}{20} \)  Authorized to be charged to deposit account Enclosed Form 2038
Name: Horst M. Kasper Internal Address:	involved: On e  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{1}{2} \) \( \frac{1}
Name: Horst M. Kasper Internal Address: 13 Forest Drive City: Warren	involved: One  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{\frac{1}{20}}{\frac{1}{20}} \)  Authorized to be charged to deposit account
Name: Horst M. Kasper Internal Address: 13 Forest Drive  City: Warren  State: New Jersey Zip: 07059	involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{\frac{1}{0}}{\circ} = \)  Authorized to be charged to deposit account  Enclosed Form 2038  None required (government interest not affecting tit  8. Payment Information
Name: Horst M. Kasper Internal Address: 13 Forest Drive  City: Warren State: New Jersey Zip: 07059 Phone Number: 908-526-6100	involved: One  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{\frac{1}{20}}{\frac{1}{20}} \)  Authorized to be charged to deposit account
Name: Horst M. Kasper Internal Address: 13 Forest Drive  City: Warren City: Varren Citate: New Jersey Zip: 07059 Chone Number: 908-526-6100  Cocket Number:	involved: One  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{10}{0} \) =  \[ \begin{align*} \text{Authorized to be charged to deposit account} \\ \text{Enclosed Form 2038} \\ \text{None required (government interest not affecting tit)} \]  8. Payment Information  \[ \text{Deposit Account Number 11-0224} \]
Name: Horst M. Kasper Internal Address: 13 Forest Drive  Street Address: Warren  State: New Jersey Zip: 07059  Phone Number: 908-526-6100  Docket Number: www.patentmal@aol.com	involved: One  7. Total fee (37 CFR 1.21(h) & 3.41) \$ \( \frac{\frac{10}{0}}{0} \)  Authorized to be charged to deposit account  Enclosed Form 2038  None required (government interest not affecting tit  8. Payment Information  Deposit Account Number 11-0224  Authorized User Name Horst M. Kasper
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ASSIGNMENT



WHEREAS,

Gerald STEINER, Clara-Zetkin-Strasse 80, D-08340 Schwarzenberg, Germany and Edmund KOCH, Lene-Glatzer-Strasse 12B, D-01309 Dresden, Germany and Thomas BARTELS, Im Winkel 6, D-30989 Cohrden, Cormany and Maria-Elisabeth KRAUTWALD-JUNGHANNS, Buchchweg 4, D-04416 Markleeberg, Germany have made an invention in:

## METHOD AND DEVICE FOR DETERMINING THE SEX OF FERTILIZED. NONINCUBATED BIRD EGGS

and h	as executed an applicatio	n for Letters Patent of the Unit	ted States of America based thereon
<>	the day of	2012	
	on even date herewith	· · · · · · · · · · · · · · · · · · ·	13/574 75/
<x></x>	and subsequently (*) of	Ticially identified as Serial Nu	mber filed
HHK	on 1-23-2012	Ticially identified as Serial Nu	

AND WHEREAS, TECHNISCHE UNIVERSITÄT DRESDEN, Mommsenstrasse 11. D-01069 Dresden, Germany, and UNIVERSITAT LEIPZIG, Ritterstrasse 26, D-04109 Leipzig, Germany is desirous of acquiring the entire right (including priority rights under any and all International Conventions), title and interest in and to the said invention in and throughout the United States of America, its Territories, and all countries foreign thereto, and in and to the said application for Letters Patent, and in and to any and all Letters Patent of the United States of America and countries foreign thereto, which have been or may be granted on said invention or any part thereof;

NOW THEREFORE, for one dollar and other good and valuable consideration, receipt of which is hereby acknowledged the said

## Gerald Steiner, Edmund Koch, Maria-Elisabeth Krautwald-Junghanns, Thomas Bartels

have agreed to and does hereby sell, assign and transfer unto the said TECHNISCHE UNIVERSITÄT DRESDEN and UNIVERSITÄT LEIPZIG entire right (including priority rights under any and all International Conventions), title and interest in and throughout the United States of America, its Territories and all countries foreign thereto in and to said invention, said application for Letters Patent, and any and all Letters Patent and extensions thereto, of the United States of America and countries foreign thereto which have been or may be granted on said invention or any part thereof, or on said application or any divisional, continuing, renewal, re-issue or other applications based on whole or in part thereon, or based upon said invention;

To be held and enjoyed by the said TECHNISCHE UNIVERSITAT DRESDEN and UNIVERSITAT LEIPZIG its heirs, executors, administrators, successors, and assigns to the full ends of the terms for which said Letters Patent or any of them have been or be granted, as fully and entirely as the same would have been held and enjoyed by us had no sale and assignment of said

Assignmen	t of	Gerald	Steiner	ct al.	
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SEITE: 10

interest been made; and we do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all Letters Patent of the United States of America which may be eranted upon the said applications above referred to or any of them, or upon said invention or any part thereof, to THCHNISCHE UNIVERSITAT DRESPEN and UNIVERSITAT LEIPZIG aforesaid; and we hereby agree for ourselves and for our heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any reissue, renewal, or other application for Letters Patent that may be deemed necessary by the assignee herein named, fully to secure to the said assignee TECHNISCHE UNIVERSITAT DRESPEN and UNIVERSITAT LEPZIG interest as aforesaid in and to said invention or any part thereof, and in and to several Letters Patent or any of them.

And we do hereby covenant for ourselves and my logal representatives and agree with, TECHNISCHE UNIVERSITAT DRESDEN and UNIVERSITAT LEIPZIG its successors and assigns that we have granted no license to make, use or soll the said invention, that prior to the execution of this deed their right, title and interest in the said invention had not been encumbered, that we then had good right and title to sell and assign the same and that we have not executed and will first execute any instrument in conflict herewith.

(\*) And, we hereby appoint Florst M. Kasper to insert in this instrument after execution identifying information and in particular the serial number and the filing date of said application for United States Letters Patent when officially notified thereof.

In Witness whereof, we have her day of A.D. 2012.	cunto set our hands and affixed our seal this
WITNESS	And of Steiner
WITTNESS	Edmand Koch
WITTNESS DATE M. 09. 2012	Merie-Elisabeth Krantweld-Junghanns
WITTNESS	Thomas Gartel
County of	
State of	

Assignment of Gerald Steiner et al.

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SEITEL 9

interest been made; and we do hereby authorize and request the Commissioner of Patents of the United States of America to issue any and all Letters Patent of the United States of America which may be granted upon the said applications above referred to, or any of them, or upon said invention or any part thereof, to TECHROLCIAN UNIVERSITAT DESCRIPTION and UNIVERSITAT LETTERS afforesaid; and we hereby agree for ourselves and for our heirs, executors and administrators, to execute without further consideration any further lawful documents and any further assurances, and any reissue, renewal, or other application for Letters Patent that may be deemed necessary by the assignee herein named, fully to secure to the said assignee TECHNISCHE UNIVERSITAT DRESDEN and UNIVERSITAT LEIPZIG interest as aforesaid in and to said invention or any part

And we do hereby covenant for ourselves and my legal representatives and agree with, TECHNISCHE UNIVERSITAT DRESDEN and UNIVERSITAT LEIPZIG its successors and assigns that we have granted no license to make, use or sell the said invention, that prior to the execution of this deed their right, title and interest in the said invention had not been encumbered, that we then had good right and title to sell and assign the same and that we have not executed and will not execute any instrument in conflict herewith.

thereof, and in and to several Letters Patent or any of them.

(\*) And, we hereby appoint Horst M. Kasper to insert in this instrument after execution identifying information and in particular the serial number and the filing date of said application for United States Letters Patent when officially notified thereof.

In Witness whereuf, we have lied day of A.D. 2012.	reunto set our hands and affixed our sext this
WITNESS	Gerald Steiner
DATE 10. 07 2017	
WITTNESS	Edl Tel
· · · · · · · · · · · · · · · · · · ·	Edmund Koch
DATE 10. 7. 2012	Edmund Roch Tungs aus
WITTNESS	Maria-Elisabeth Kmunwald-Junghanna
DATE 11, 07, 20/2	
WITTNESS	Thomas Bartels
County of	
State of	

Assignment of Gerald Steiner et al.

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