503924166 07/20/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3970819

SUBMISSION TYPE:		CORRECTIVE ASSIGNMENT	CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:		previously recorded on Reel 039	Corrective Assignment to correct the TITLE ON THE ASSIGNMENT previously recorded on Reel 039164 Frame 0343. Assignor(s) hereby confirms the TITLE IN THE ATTACHED ASSIGNMENT.			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
DANIEL CURTIS BLACH	KER		07/19/2016			
RECEIVING PARTY DA	ТА					
Name:	WILLIAN	WILLIAM MARCH RICE UNIVERSITY				
Street Address:	6100 MA	AIN STREET				
City:	HOUST	HOUSTON				
State/Country:	TEXAS					
Postal Code:	77005					
Property TypeApplication Number:148			_			
Property Type		Number				
Application Number:	14813888					
CORRESPONDENCE D	ATA					
Fax Number:	(3	281)970-4503				
		the e-mail address first; if that is un if that is unsuccessful, it will be se				
Email:	-	ariden@fyiplaw.com, docket@fyiplaw				
Correspondent Name: FLETCHER YODER, C/O JOHN M. RARIDEN						
•		1450 COMPAQ CENTER DRIVE WE) COMPAQ CENTER DRIVE WEST, BLDG 9, STE 300			
Address Line 4:	HOUSTON, TEXAS 77070					
ATTORNEY DOCKET NUMBER:		2015-041-01 (RICE:0017)				
NAME OF SUBMITTER:		JOHN M. RARIDEN	JOHN M. RARIDEN			
SIGNATURE:		/John Rariden/	/John Rariden/			
DATE SIGNED:		07/20/2016	07/20/2016			
Total Attachments: 3						
Total Attachments: 3 source=2015-041-01_Ass	igment_2					
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3963412

SUBMISSION TYPE:		1	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		4	ASSIGNMENT		
CONVEYING PARTY				·	
		N	Name	Executio	
DANIEL CURTIS BLACKER				09/09/201	
DANIEL CORTIS BLAC				09/09/201	0
RECEIVING PARTY D	ΑΤΑ				
Name:	WILLIA	WILLIAM MARCH RICE UNIVERSITY			
Street Address:	6100 N	6100 MAIN STREET			
City:	HOUST	HOUSTON			
State/Country:	TEXAS	TEXAS			
Postal Code:	77005	77005			
Property Type	IS Total: 1 e		Number		
Property Type Application Number:		148138			
Application Number:	e				
Application Number: CORRESPONDENCE	e DATA	148138	888		
Application Number: CORRESPONDENCE Fax Number: Correspondence will	e DATA be sent to	148138 (281)9 o the e-	888 970-4503 -mail address first; if that is unsu		sent
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, f	e DATA be sent to	148138 (281)9 o the e-	888 970-4503 -mail address first; if that is unsu at is unsuccessful, it will be sent		sent
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will using a fax number, I</i> Phone: Email: Correspondent Name	e DATA be sent to if provideo	(281)9 o the e- d; if tha 28197(rariden FLETC	888 970-4503 9 -mail address first; if that is unsu t at is unsuccessful, it will be sent 04545 n@fyiplaw.com, docket@fyiplaw.com CHER YODER, C/O JOHN M. RARI	<i>via US Mail. n</i> DEN	sent
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Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, I Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET I	e DATA be sent to if provideo o: NUMBER:	(281)9 o the e- d; if tha 28197(rariden FLETC 11450 HOUS	888 970-4503 -mail address first; if that is unsur at is unsuccessful, it will be sent 704545 n@fyiplaw.com, docket@fyiplaw.com CHER YODER, C/O JOHN M. RARI COMPAQ CENTER DRIVE WEST, STON, TEXAS 77070 2015-041-01 (RICE:0017) JOHN M. RARIDEN	<i>via US Mail. n</i> DEN	sent
Application Number: CORRESPONDENCE Fax Number: Correspondence will using a fax number, f Phone: Email: Correspondent Name Address Line 1:	e DATA be sent to if provideo o: NUMBER:	(281)9 o the e- d; if tha 28197(rariden FLETC 11450 HOUS	888 970-4503 9-mail address first; if that is unsur- at is unsuccessful, it will be sent of 94545 n@fyiplaw.com, docket@fyiplaw.com CHER YODER, C/O JOHN M. RARI 9 COMPAQ CENTER DRIVE WEST, 9 TON, TEXAS 77070 2015-041-01 (RICE:0017)	<i>via US Mail. n</i> DEN	sent

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to William Marsh Rice University (the "Assignee"), a non-profit corporation of the State of Texas with a principal address at 6100 Main Street, Houston, Texas 77005, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "<u>CAPO WITH ATTACHMENT MECHANISM AND FRETTING ACTION IN SEPARATE OFFSET PLANES</u>," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 37106 may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additio	al Application Information
U.S. Provisional Application Serial No.	<u>14/813,888</u> filed on <u>July 30, 2015</u>
U.S. Non-Provisional Application Serial No.	, filed on
International Application Serial No.	, filed on

Inventor (Signature): Name: Daniel Curtis Blacker

Date

BEFORE ME, the undersigned authority, on this $\frac{1977}{2000}$ day of $\frac{1977}{2000}$, 2016, personally appeared Daniel Curtis Blacker who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to in the attached instrument and acknowledged to me that he/she/they executed the same in bfs/her/their authorized capacity(ies), and

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STATE OF

COUNTY OF

Page 1 of 2

PATENT REEL: 039418 FRAME: 0159

PATENT 2015-041-01/RICE:0017

that by his/her/their signature(s) on the instrument the person(s), or the entity on behalf of which the person(s) acted, executed the



Notary or Consular Officer

Assignment

Page 2 of 2

PATENT REEL: 039418 FRAME: 0160

RECORDED: 07/20/2016