503922383 07/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3969036

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MACK SARASWAT	04/19/2016
JOHN ANDREW HARRISON	04/15/2016
RALPH STEFAN GRAND	04/22/2016
FRAZER KINGSLEY NOBLE	04/14/2016
LUTZ ROBERT GEHLEN	04/15/2016
MATTHEW ALAN WOODS	04/15/2016
SAM BARTHO	04/19/2016

RECEIVING PARTY DATA

Name:	MASSEY UNIVERSITY
Street Address:	ALBANY CAMPUS, ALBANY HIGHWAY
Internal Address:	ALBANY
City:	AUCKLAND
State/Country:	NEW ZEALAND
Postal Code:	0632

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15026866

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	ST.MU.172
NAME OF SUBMITTER:	DEBORA PLEHN-DUJOWICH
SIGNATURE:	/Debora Plehn-Dujowich/

503922383 PATENT REEL: 039192 FRAME: 0812

DATE SIGNED:	07/19/2016		
Total Attachments: 12			
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PATENT REEL: 039192 FRAME: 0813

This Assignment is by Mack SARASWAT, John Andrew HARRISON, Ralph Stefan GRAND, Frazer Kingsley NOBLE, Lutz Robert GEHLEN, Matthew Alan WOODS, and Sam BARTHO (the "ASSIGNORS"). The ASSIGNORS are listed as inventors in U.S. Patent Application No. 15/026,866, filed April 1, 2016, under 35 U.S.C. § 371 as the U.S. national phase of International Application No. PCT/NZ2014/000213, filed October 3, 2014, which designated the U.S. and claims priority from NZ application number 616313 filed October 4, 2013.

In this Assignment, ASSIGNORS hereby convey to MASSEY UNIVERSITY, with its principal place of business located at Albany Campus, Albany Highway, Albany, Auckland 0632, New Zealand ("ASSIGNEE") their entire right, title and interest in and to the foregoing patent applications and inventions described therein, as further described below.

Date: 19th April 2016.	Signature:_	Mayork	Savesult— Mack Saraswat
*	~ ~	lafet	Mack Saraswat
Date:	Signature:_		
			John Andrew Harrison
Date:	Signature:_		
			Ralph Stefan Grand
Date:	Signature:_		
			Frazer Kingsley Noble
Date:	Signature:_		
			Lutz Robert Gehlen
Date:	Signature:_		
			Matthew Alan Woods
Date:	Signature:_		
	-		Sam Bartho

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Date:	Signature:
	Mack Saraswat
Date: 15 /4 / 2016	Signature:
	John Andrew Harrison
Date:	Signature:
	Ralph Stefan Grand
Date: 14 / 4 / 2016	Signature: Noble Frazer Kingsley Noble
	Frazer Kingsley Noble
Date:	Signature:
	Lutz Robert Gehler
Date:	Signature:
	Matthew Alan Woods
Date:	Signature:
	Sam Bartho

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Attorney Docket No. ST.MU.172

Date:	Signature:	
	, , , , , , , , , , , , , , , , , , ,	Mack Saraswat
Date:	Signature:	
		John Andrew Harrison
Date: 22/04/2016	Signature: _	Ralph Stefan Grand
	(a)	Ralph Stefan Grand
Date:	Signature:	
	,	Frazer Kingsley Noble
Date:	Signature:	
	20 Sp. 1 11 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Lutz Robert Gehlen
Date:	Signature:	
NAME OF THE PROPERTY OF THE PR	V ₀ *	Matthew Alan Woods
Date:	Signature:	
***		Sam Bartho

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Date:	Signature:	
	Signature:Mack Sara	aswa
Date:	Signature:	
	Signature:	rrisor
Date:	Signature:	
	Signature: Raiph Stefan G	Sranc
Date:	Signature:	********
	Frazer Kingsley I	voble
Date: 15 Apr. 2016	Signature: Lik Gelle	
	Lutz Robert G	ehler
Date:	Signature:	
	Matthew Alan W	/oods
Date:	Signature:	
	Sam 8	artho

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For valuable consideration, the receipt and sufficiency of which ASSIGNORS acknowledge, ASSIGNORS hereby sell, assign, and transfer to ASSIGNEE, their successors, legal representatives and assigns, all their right, title and interest in and to: the above patent applications, including, but not limited to, all inventions described therein; any other patent applications claiming priority rights from the above applications, including, but not limited to, any U.S. patent applications, any divisions, continuations, and continuations-in-part thereof; any reissues, reexaminations, or extensions; any and all patents issuing from any of the foregoing patent applications; the right to file and obtain grant of any of the foregoing directly in the name of ASSIGNEE; and the right to claim priority rights deriving from the application (collectively, the "Rights"). ASSIGNORS warrant that the Rights are unencumbered. ASSIGNORS also agree not to sign any writing or do any act conflicting with this Assignment and, without further compensation, agree to sign all documents and do such additional acts as ASSIGNEE deems necessary or desirable to: perfect ASSIGNEE'S enjoyment of the Rights; conduct proceedings regarding the Rights, including, but not limited to, any litigation or agency proceeding, such as interferences, oppositions and post-grant reviews; and perfect or defend title to the Rights. ASSIGNORS request the Commissioner of Patents to issue any patent of the United States that may be issued on the foregoing to ASSIGNEE.

> **PATENT** REEL: 039192 FRAME: 0822

Attorney Docket No. ST.MU.172

Date:	Signature:_	
	_	Mack Saraswat
Date:	Signature:_	
		John Andrew Harrison
Date:	Signature:_	
		Ralph Stefan Grand
Date:	Signature:_	
	a a a 1 fa t a 1 faramaghal a maghal abhal 1 fa ma dh'abhraidh mabhada mhail aid d 1 famaidh bhall ain a th' a	Frazer Kingsley Noble
Date:	Signature:_	
		Lutz Robert Gehlen
Date: 15/4/2016	Signature:_	Matthew Alan Woods
•	-	Matthew Alan Woods
Date:	Signature:	
	-	Sam Bartho

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Date:	Signature:	
		Lutz Robert Gehlen
Date:	Signature:	
		Matthew Alan Woods
Date: 19/04/16	Signature:	Sitter
		Sam Bartho