504604615 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4651327

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY previously recorded on Reel 043594 Frame 0515. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS' INTEREST.
RESUBMIT DOCUMENT ID:	504550940

CONVEYING PARTY DATA

Name	Execution Date
RICARDO JORGE JOTA COSTA	05/25/2017
DANIEL WIGDOR	06/10/2017

RECEIVING PARTY DATA

Name:	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	
Street Address:	27 KING'S COLLEGE CIRCLE	
Internal Address:	ROOM 106, SIMCOE HALL	
City:	TORONTO	
State/Country:	CANADA	
Postal Code:	M5S 1A1	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	9507500

CORRESPONDENCE DATA

Fax Number:

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.

Email: cathie.updegraff@tactuallabs.com

Correspondent Name: TACTUAL LABS CO.

Address Line 1: 1800 PEMBROOK DRIVE

Address Line 2: SUITE 300

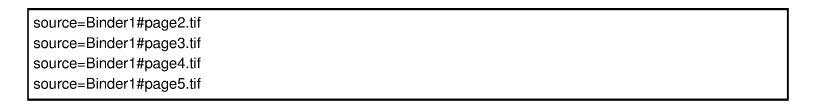
Address Line 4: ORLANDO, FLORIDA 32810

ATTORNEY DOCKET NUMBER: 200-0-1US	
NAME OF SUBMITTER:	CATHERINE M. UPDEGRAFF
SIGNATURE:	/Catherine M. Updegraff/
DATE SIGNED:	10/20/2017

Total Attachments: 5 source=Binder1#page1.tif

PATENT REEL: 043911 FRAME: 0696

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PATENT REEL: 043911 FRAME: 0697

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4595125

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICARDO JORGE JOTA COSTA	05/25/2017
DANIEL WIGDOR	06/10/2017

RECEIVING PARTY DATA

Name:	TACTUAL LABS CO.
Street Address:	295 MADISON AVENUE
Internal Address:	SUITE 901
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10017

PROPERTY NUMBERS Total: 1

***************************************	Property Type	Number
***************************************	Patent Number:	9507500

CORRESPONDENCE DATA

Fax Number:

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.

Email: cathie.updegraff@tactuallabs.com

Correspondent Name: TACTUAL LABS CO.

Address Line 1: 1800 PEMBROOK DRIVE

Address Line 2: SUITE 300

Address Line 4: ORLANDO, FLORIDA 32810

ATTORNEY DOCKET NUMBER: 200-0-1US	
NAME OF SUBMITTER:	CATHERINE M. UPDEGRAFF
SIGNATURE:	/Catherine M. Updegraff/
DATE SIGNED:	09/14/2017

Total Attachments: 4

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PATENT REEL: 043911 FRAME: 0698

In re Application of: Daniel Wigdor et al.

Serial No.: 14/046,819 Filing Date: 10/4/2013

Title: HYBRID SYSTEMS AND METHODS FOR LOW-LATENCY USER

INPUT PROCESSING AND FEEDBACK

WHEREAS, Ricardo Jorge Jota Costa and Daniel Wigdor, whose post office address(es) appear below (hereinafter referred to as ASSIGNOR), has/have invented certain new and useful improvements in HYBRID SYSTEMS AND METHODS FOR LOW-LATENCY USER INPUT PROCESSING AND FEEDBACK (hereinafter referred to as the INVENTION) described in the above-captioned Application for United States Letters Patent; and

WHEREAS, The Governing Council of the University of Toronto, in Toronto, Canada, and its successors and assigns, (hereinafter referred to as ASSIGNEE), desires this Assignment of ASSIGNOR's entire right, title and interest in and to the INVENTION in the United States and throughout the world.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention and Patent Application throughout the United States of America, including any and all United States Letters Patent granted on any U.S. Patent Application, and any division, continuation, continuation-in-part and reissue of said U.S. Patent Application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument.

in re Application of: Daniel Wigdor et al.

Serial No.: 14/046,819 Filing Date: 10/4/2013

Title: HYBRID SYSTEMS AND METHODS FOR LOW-LATENCY USER

INPUT PROCESSING AND FEEDBACK

ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives. If no serial number is listed above for the captioned patent application, Assignor hereby authorizes ASSIGNEE to insert into this Assignment the Serial Number or other information which may be necessary to identify the patent application or patents to which this Assignment relates.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

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In re Application of: Daniel Wigdor et al.

Serial No.: 14/046,819 Filing Date: 10/4/2013

Tille: HYBRID SYSTEMS AND METHODS FOR LOW-LATENCY USER

INPUT PROCESSING AND FEEDBACK

FULL NAME OF SOLE OR JOINT IN	VENTOR:
bund	25-05-2017
Ricardo Jorge Jota Costa Citizenship: Portugal	Date
Residence: 589-B Wellington St.	
West, Toronto, Ontario Canada M5V1G3	
PO Address: Same as above	
/ (Notarization p	referred but not required)
State of	.)
County of Qualifa) ss: / .
On <u>15:81-2017</u> , before	"
(date) before	(Yerne and till of officer)
personally appeared	Dian L. J.L
A STATE OF THE STA	(name of Adsignor)
personally known to me, or proved to n	os on the basis of authority
	ibed to the within instrument and acknowledged me in his/her/their authorized capacity(ies), and
	RESERVED TO THE PROPERTY OF THE PROPERTY OF THE PARTY OF
behalf of which the person(s) acted, ex-	ecuted the instrument.
	WITNESS my hand and official seal.
SEAL.	Mid Carri
	<u> </u>
	Signature of Notary Public
	<i>U</i>

In re Application of: Danlel Wigdor et al.

Serial No.: 14/046,819 Filing Date: 10/4/2013

Title: HYBRID SYSTEMS AND METHODS FOR LOW-LATENCY USER

INPUT PROCESSING AND FEEDBACK

FULL NAME OF SOLE OR JOINT INV	ENTOR:
J25	2017-06-10
Daniel Wigdor Citizenship: Canada Residence: 216 Wright Avenue, Toronto, Ontario Canada M6R 1L3 PO Address: Same as above	Date
(Notarization pi	referred but not required)
State of)) ss: .)
On, before (date)	me,(name and title of officer)
personally appeared	(name of Assignor)
person(s) whose name(s) is/are subscr to me that he/she/they executed the sa	ne on the basis of satisfactory evidence to be the ibed to the within instrument and acknowledged me in his/her/their authorized capacity(les), and instrument the person(s), or the entity upon
	WITNESS my hand and official seal.
SEAL	
	Signature of Notary Public