503837936 05/23/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
AROKIA NATHAN	03/28/2006	
GHOLAMREZA CHAJI	04/26/2006	
PEYMAN SERVATI	03/28/2006	

RECEIVING PARTY DATA

Name:	IGNIS INNOVATION INC.
Street Address:	50 BATHURST DRIVE
Internal Address:	UNIT 12
City:	WATERLOO
State/Country:	CANADA
Postal Code:	N2V 2C5

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15161525

CORRESPONDENCE DATA

Fax Number: (312)977-4405

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.

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Email: smonreal@nixonpeabody.com

Correspondent Name: NIXON PEABODY, LLP

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ATTORNEY DOCKET NUMBER:	058161-11USC4
NAME OF SUBMITTER:	JUSTIN D. SWINDELLS
SIGNATURE:	/Justin D. Swindells - Reg. No. 48,733/
DATE SIGNED:	05/23/2016

Total Attachments: 4

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PATENT 503837936 REEL: 038682 FRAME: 0775

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ASSIGNMENT

Whereas Arokia Nathan, G. Reza Chaji and Peyman Servati (hereinafter "the Assignors"), whose full post office addresses are 55 Culpepper Drive, Waterloo, Ontario, N2L 5K8, Canada; 507-196 Westmount Road North, Waterloo, Ontario, N2L 3G5, Canada and 753 Cedar Bend Drive, Waterloo, Ontario, N2V 2R6, Canada, respectively, have made one or more inventions which are the subject of Canadian Patent Application Serial No. 2,531,719 filed on January 26, 2006 and entitled A Voltage Programmed Pixel Circuit, Display System And Driving Method Thereof (hereinafter "the Patent Application");

Whereas Ignis Innovation Inc. (hereinafter "the Assignee"), whose full post office address is 55 Culpepper Drive, Waterloo, Ontario, N2L 5K8, Canada, is desirous of acquiring the whole right, title and interest in and to the Patent Application, and the invention or inventions described therein;

Now therefore, in consideration of ten dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors hereby sell, assign and transfer to the Assignee, all their right, title and interest, in Canada, the United States and all other countries and jurisdictions throughout the world, in and to the Patent Application, and the invention or inventions described therein, and all divisions and continuations thereof, including their corresponding right to claim priority from the Patent Application in any country or jurisdiction, including their right to make national entries under the Patent Cooperation Treaty, including all their corresponding right, title and interest in and to any Patents which may issue therefrom, including all reissues, renewals and extensions thereof, and including all right to sue for past infringement thereunder, all the said Patents to be held and enjoyed by the said Assignee to the full end of the term for which the said Patents are granted, as fully and entirely as the said Patents could have been held and enjoyed by the said Assignors if this Assignment had not been made;

And the Assignors hereby covenant and agree without further consideration, to communicate with Assignee, its successors and assigns, any facts known respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and

enforce proper patent protection for this invention in Canada, the United States and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

And the Assignors hereby covenant that they have the full right to convey the interest assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment;

And the Assignors and the Assignee hereby authorize the firm of Gowling Lafleur Henderson LLP, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any Patent Office.

SIGNED at_	Cambridge.	UK	_, this 28° day of	March	2006
Λ	(City/Town)	(Country)	(Date)	(Month)	(Year)
pase	Je-		Arokia Nathan		
(Signature of W	itness)		1		
	e Basdeo		Mú	the	
(Name of Witne	ess: Please Print or Type	;)	(Signature of Assigno	r)	
SIGNED at _			_, this day of _		-
	(City/Town)	(Country)	(Date)	(Month)	(Year)
			G. Reza Chaji		
(Signature of W	itness)				
A					
(Name of With	ss: Please Print or Type	¢)	(Signature of Assigno	r) :	

enforce proper patent protection for this invention in Canada, the United States and all other countries and jurisdictions throughout the world, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

And the Assignors hereby covenant that they have the full right to convey the interest assigned by this Assignment, and have not executed and will not execute any agreement in conflict with this Assignment;

And the Assignors and the Assignee hereby authorize the firm of Gowling Lafleur Henderson LLP, whose full post office address is 160 Elgin Street, Suite 2600, Ottawa, Ontario K1P 1C3, Canada, to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any Patent Office.

SIGNED at _			, this oay	/ OI	
	(City/Town)	(Country)	(Datc)	(Month)	(Year)
			Arokia Nath:	an	
(Signature of W	itness)				
(Name of Witne	ss: Please Print or T	уре)	(Signature of Ass	signor)	
SIGNED at _	Waterloo	Canada	, this <u>26</u> day	of April	
	(City/Town)	(Country)	(Daic)	(Month)	(Year)
			G. Reza Chaj	ji /	
(Signature of Wi	itness)	***		4	
			•	chaji	
(Name of Witness: Please Print or Type)		(Signature of Ass	signor)		

SIGNED at <u>Cambridge</u>	, UK	, this _28	_day of	March	, 2006.
(City/Town)	(Country)	(Date)		(Month)	(Year)
(Signature of Witness)		Peyman	Servati		
Nandance Basde (Name of Witness: Please Print or T		Signature	of Assigno	, M OD	
The undersigned Assignee hereby accepts this Assignment.					
SIGNED at WATERLOO	, CANADA	this 12	_day of _	APRIL	, 2006.
(City/Town)	(Country)			(Month)	(Year)
		Ignis Innovati	on Inc.		
Mal		Dau	O Qu	ell.	
(Signature of Witness)		(Signature of Au	thorized Si	gning Officer)	
COLBIN CHURCH (Name of Wimess: Please Print or Ty	пе)	Name of Author	RSENE	RULT ng Officer: Please	Print or Type)
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		CHAIRI (Title of Authori	zed Signin	Officer: Please	Print or Type)

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RECORDED: 05/23/2016