PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6831156

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
DAVID KO	04/25/2018	
LIAM O'HAGAN	04/26/2018	
STEFAN WARNER	04/25/2018	
LEO TOLISANO	04/25/2018	

RECEIVING PARTY DATA

Name:	OSRAM SYLVANIA INC.
Street Address:	200 BALLARDVALE STREET
City:	WILMINGTON
State/Country:	MASSACHUSETTS
Postal Code:	01887

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17209135

CORRESPONDENCE DATA

Fax Number: (978)646-6931

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.

Phone: 978-570-3000

Email: OSI-patent-assignments@osram.com

Correspondent Name: OSRAM SYLVANIA INC.
Address Line 1: 200 BALLARDVALE STREET

Address Line 4: WILMINGTON, MASSACHUSETTS 01887

ATTORNEY DOCKET NUMBER:	2015P00180US03
NAME OF SUBMITTER:	SHAUN P. MONTANA, ESQ., REG. NO. 54,320
SIGNATURE:	/SPM/
DATE SIGNED:	07/26/2021

Total Attachments: 2

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PATENT 506784337 REEL: 056974 FRAME: 0690

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration of which we acknowledge receipt, we, David Ko, Liam O'Hagan, Stefan Warner, and Leo Tolisano, sell and assign to OSRAM SYLVANIA Inc., a Delaware Corporation, its successors and assigns, our invention in "Route Optimizing Using Star-Mesh Hybrid Topology in Localized Dense Ad-Hoc Networks", identified as attorney docket number 2015P00180US01, and the United States patent application, the specification for which was filed on March 2, 2016 and received United States application serial number 15/058,192, and all provisional applications from which it claims priority, and all other applications from which it claims priority, and the right to claim the priority right(s) from all such applications, and all international and non-United States applications that may claim priority therefrom and include the subject matter disclosed therein, and all Patents, both foreign and domestic, which may be granted therefor, and all divisions, reissues, continuations, and extensions thereof, and authorize and request the various non-United States patent entities and the Commissioner of Patents and Trademarks to issue all Patents on said invention or resulting therefrom to said Corporation as assignee of the entire interest, and covenant that we have full right to do so and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all other countries.

Inventor's Signature:	工工生	Date:	April	25,	2018	07:58	EDT
Inventor's name:	David Ko					000 °	
Address:	325 Mortimer Avenue, East York, Ontario M4J 2C9 CA						
Inventor's Signature:	Cocusioned by: River 1 Keeps	Date:	April	26,	2018	09:00	EDT
Inventor's name:	Liam O'Hagan	13-14-1 1		~~~~~		~~	
Address:	130 Bruce Road 2 RR#4, Walkerton, Ontario N0G 2V0 CA						
Inventor's Signature:	Stefan Warner	Date:	April	25,	2018	06:56	EDT
Inventor's name:	Stefan Warner	- 637 				교() - (1)	
Address:	63 Harry Blaylock Drive, Markham, Ontario L6E 2H1 CA						
Inventor's Signature:	100000 III III III III III III III III I	Date:					
Inventor's name:	Leo Tolisano					eners.	
Address:	314 Churchill Avenue, North York, Ontario M2R 1E7 CA					5.75	

PATENT REEL: 056974 FRAME: 0691

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration of which we acknowledge receipt, we, David Ko, Liam O'Hagan, Stefan Warner, and Leo Tolisano, sell and assign to OSRAM SYLVANIA Inc., a Delaware Corporation, its successors and assigns, our invention in "Route Optimizing Using Star-Mesh Hybrid Topology in Localized Dense Ad-Hoc Networks", identified as attorney docket number 2015P00180US01, and the United States patent application, the specification for which was filed on March 2, 2016 and received United States application serial number 15/058,192, and all provisional applications from which it claims priority, and all other applications from which it claims priority, and the right to claim the priority right(s) from all such applications, and all international and non-United States applications that may claim priority therefrom and include the subject matter disclosed therein, and all Patents, both foreign and domestic, which may be granted therefor, and all divisions, reissues, continuations, and extensions thereof, and authorize and request the various non-United States patent entities and the Commissioner of Patents and Trademarks to issue all Patents on said invention or resulting therefrom to said Corporation as assignee of the entire interest, and covenant that we have full right to do so and agree that we will communicate to said Corporation or its representatives any facts known to us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths or declarations, and generally do everything possible to aid said Corporation, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said invention, in the United States and all other countries.

Inventor's Signature:		Date:				
Inventor's name:	David Ko					
Address:	325 Mortimer Avenue, l	East York, Ontario N	14J 2C9 CA			
Inventor's Signature:		Date:				
Inventor's name:	Liam O'Hagan					
Address:	130 Bruce Road 2 RR#4, Walkerton, Ontario N0G 2V0 CA					
Inventor's Signature:		Date:				
Inventor's name:	Stefan Warner					
Address:	63 Harry Blaylock Drive, Markham, Ontario L6E 2H1 CA					
Inventor's Signature: Inventor's name:	Leo Tolisano Leo Tolisano Leo Tolisano	Date:	April 25,	2018	09:54 EDT	
Address:	314 Churchill Avenue, North York, Ontario M2R 1E7 CA					

PATENT REEL: 056974 FRAME: 0692

RECORDED: 07/26/2021