502666401 02/04/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2713009

SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA		J.			
			Name	Execution Da	nte	
DALE BRANLUND			Trains	10/22/2013		
RECEIVING PARTY	DATA				<u> </u>	
Name:	TARANA WIR	ELESS	S. INC.			
Street Address:		2953 BUNKER HILL LANE				
Internal Address:	SUITE 100					
City:	SANTA CLAR	SANTA CLARA				
State/Country:	CALIFORNIA					
Postal Code:	95054					
PROPERTY NUMBE	RS Total: 1		Number			
PROPERTY NUMBE	RS Total: 1	134458				
PROPERTY NUMBE Property Application Number	RS Total: 1	134458				
PROPERTY NUMBE	RS Total: 1	134450				
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number:	RS Total: 1 Type DATA (650))833-20	001			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone:	RS Total: 1 Type E DATA (650 650-))833-20 -833-20	001			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email:	RS Total: 1 Type E DATA (650- 650- pate	0)833-20 -833-20 entdocke	001			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email:	RS Total: 1 Type E DATA (650- 650- pate be sent via US Ma E: DLA	0)833-20 -833-20 entdocke ail when	001 000 etingUS-paloalto@dlapiper.com in the email attempt is unsuccessful.			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1:	RS Total: 1 Type E DATA (650- 650- pate be sent via US Ma 2000	0)833-20 -833-20 entdocke a <i>il when</i> VPIPER O UNIVE	001 000 etingUS-paloalto@dlapiper.com on the email attempt is unsuccessful. R LLP ERSITY AVENUE			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email: Correspondence will Correspondent Name	RS Total: 1 Type E DATA (650- 650- pate be sent via US Ma 2000	0)833-20 -833-20 entdocke a <i>il when</i> VPIPER O UNIVE	001 000 etingUS-paloalto@dlapiper.com in the email attempt is unsuccessful.			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1:	RS Total: 1 Type E DATA (650- 650- pate be sent via US Ma 2000 EAS	0)833-20 -833-20 entdocke a <i>il when</i> VPIPER O UNIVE	001 000 etingUS-paloalto@dlapiper.com on the email attempt is unsuccessful. R LLP ERSITY AVENUE			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 4:	RS Total: 1 Type E DATA (650- 650- pate be sent via US Ma 2000 EAS	0)833-20 -833-20 entdocke a <i>il when</i> VPIPER O UNIVE	001 000 etingUS-paloalto@dlapiper.com in the email attempt is unsuccessful. R LLP ERSITY AVENUE O ALTO, CALIFORNIA 94303-2215			
PROPERTY NUMBE Property Application Number: CORRESPONDENC Fax Number: Phone: Email: Correspondence will Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKE	RS Total: 1 Type E DATA (650- 650- pate be sent via US Ma 2000 EAS	0)833-20 -833-20 entdocke a <i>il when</i> VPIPER O UNIVE	001 000 etingUS-paloalto@dlapiper.com of the email attempt is unsuccessful. R LLP ERSITY AVENUE O ALTO, CALIFORNIA 94303-2215 375133-991100			

PATENT REEL: 032139 FRAME: 0738

source=Tarana-991100-Assignment#page2.tif

ASSIGNMENT

WHEREAS, **Dale Branland** have made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled:

NON-LINE OF SIGHT WIRELESS COMMUNICATION SYSTEM AND METHOD

issued as U.S. Patent No. X filed as Serial No. 13/445,861 on April 12, 2012. filed herewith

WHEREAS, <u>Tarana Wireless, Inc.</u>, a corporation of the State of Delaware and whose address is 2953 Bunker Hill Lane, Suite 100, Santa Clara, California, 95054, and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to me, receipt and sufficiency of which I hereby acknowledge, effective as of the date signed, I hereby, without reservation;

- 1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;
- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;
- 4. Warrant that I have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;
- 5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as

WEST\233002883.1

may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing any facts of my conceptions. disclosures, and reduction to practice of said inventions or discoveries.

Grant the attorneys of record the power to insert on this Assignment the serial number of said Application as further identification of said Application in order to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

A	1 /
Vale brankand	10/22/2013
DALE BRANLUND	Date
State of	are subscribed to the within instrument and his/her/their authorized capacity(les), and that
I certify under the PENALTY OF PERJURY under the law foregoing paragraph is true and correct.	s of the State of that the
WITNESS my hand and official seal.	
Signature Han Man	
(Seal)	

WEST\233002883.1

PATENT REEL: 032139 FRAME: 0740

RECORDED: 02/04/2014

IN WITNESS WHEREOF-