503094172 12/10/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3140778

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LANCE D. PITT	01/23/2012
THOMAS GINTER	01/23/2012
FIRDAUS ARYANA	01/27/2012
DONALD LE ROY MITCHELL JR.	01/23/2012

RECEIVING PARTY DATA

Name:	TELECOMMUNICATION SYSTEMS, INC.	
Street Address:	275 WEST STREET	
City:	ANNAPOLIS	
State/Country:	MARYLAND	
Postal Code:	21401	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14565787

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.

Phone: 410-295-1426

Email: bollman@mdslaw.com

Correspondent Name: TELECOMMUNICATION SYSTEMS, INC.

Address Line 1: 275 WEST STREET

Address Line 2: SUITE 400

Address Line 4: ANNAPOLIS, MARYLAND 21401

ATTORNEY DOCKET NUMBER:	40245	
NAME OF SUBMITTER:	WILLIAM H. BOLLMAN	
SIGNATURE: /William H. Bollman/		
DATE SIGNED:	12/10/2014	

Total Attachments: 5

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PATENT REEL: 034456 FRAME: 0162

ASSIGNMENT AND AGREEMENT

For value received, we, Lance D. PITT, of 12014 SE 223rd Street in Kent in the County of King and State of Washington; Thomas GINTER, of 1643 SE 28th Street in Bellevue in the County of King and State of Washington; Firdaus ARYANA, of 7742 46th Avenue in Seattle in the County of King and State of Washington; and Donald Le Roy MITCHELL, Jr., of 16220 SE 9th Street in Bellevue in the County of King and State of Washington, hereby sell, assign and transfer to TeleCommunication Systems, Inc., a corporation of the State of Maryland, having an office at 275 West Street, Suite 400, Annapolis, Maryland, 21401, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to iALERT ENHANCED ALERT MANAGER, described in an application for Letters Patent of the United States, filed on December 28, 2011 as application no. 13/338,978, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to TeleCommunication Systems, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize **TeleCommunication Systems, Inc.** to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of **TeleCommunication Systems, Inc.** to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said invention be issued to **TeleCommunication Systems, Inc.** in the United States and in all countries foreign to the United States, or to such nominees as **TeleCommunication Systems, Inc.** may designate.

Systems, Inc. but at its expense desirable or convenient in convenient	se, sign all papers,	, without charge to TeleCommunication and do all acts which may be necessary, applications, patents, or other forms of	
protection.		Lance D. PITT	
Date: 1/23/2012	-	TO NOT SHEET	
United States of America)	ATE TOLIC	
State of WA) ss.:	SHING TONG	
State of WA)		
On this 23 rd d Lance D. PITT, to me known to instrument, and acknowledged ex	ay of <u>Januar</u> be the individual dececution of the same	2017, before me personally came described in and who executed the foregoing states.	
		Mary & Helrect Notary Public	, <u> </u>

00/1	
	N
Thomas GINTER	

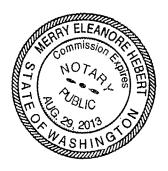
Date:	/23	/2012

United States of America

State of WA

) ss.:

County of King



On this 23rd day of Junuary, 2012, before me personally came Thomas GINTER, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Merry & Hebert Notary Public

Firdaus ARYANA

Date: $\frac{1/27/12}{}$

United States of America

WA State of

) ss.:

County of King

On this 27 day of January, 2011, before me personally came Firdaus ARYANA, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



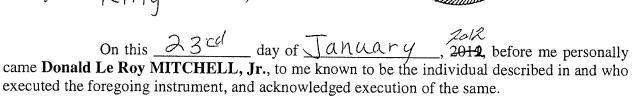
Merry & Hebert Notary Public

	Donald Le Roy MITCHELL, Jr.
Date: $1/23/2012$	

United States of America)

State of $\mathcal{W} \mathcal{A}$) ss.:

County of King



Merry & Nebert Notary Public

TeleCommunication Systems, Inc. 275 West Street, Suite 400 Annapolis, MD 21401

RECORDED: 12/10/2014