Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (Exp. 03/31/2012)	07/01/	2011	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
			ET
To the Director of the U.S. Patent and	103628	3243	documents or the new address(es) below.
1. Name of conveying party(ies)			ddress of receiving party(ies) ems Information and Electronic Systems
John A. Gu, Reza Ghanadan	ar.	[fitegration	-Inc.
Additional name(s) of conveying party(ies) attact 3. Nature of conveyance/Execution I		Street Address	PO Box 868 Received
Execution Date(s)04/20/2011, 06/03/2011	Date(s).	Olicel / (ddress	(SE JUL 1 - 2011 anch)
Assignment Me	erger nange of Name	City: Nashua	5th Floor 5
Joint Research Agreement	lange of Hame	State: New Hamp	ochiro
Government Interest Assignment		State: New Hamp	Stille
Executive Order 9424, Confirmator	ry License	Country: USA	Zip: <u>03061</u>
Other		Additional name/	s) & address(es) attached? Yes X No
5. Name and address to whom corre		6. Total number	⊠No er of applications and patents
concerning document should be ma	ailed:	involved:	
Name: BAE Systems		7. Total fee (37	7 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Street Address: PO Box 868		Enclosed	I to be charged to deposit account lired (government interest not affecting title)
City: Nashua		8. Payment In	formation
State: NH Zip: 03	061		
Phone Number: 603-885-2643		Donasit A	ccount Number 19-0130
Fax Number: 603-885-2167		· / 97	7/01/2011 AMULLINŞ 00000043 190130 13090435
Email Address:		Authbrizg	ed User Name RAE Systems
9. Signature:	Signature		Jan 28, 2011 Date
Robert K. Tei Name of Perso			Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

BAEP-1383

ASSIGNMENT

For value received, I/We, the undersigned (each) have agreed and hereby agree to assign to BAE Systems Information And Electronic Systems Integration Inc. (bereinafter referred to as BAE), a Delaware corporation, having a place of business at PO Box 868, Nashua, New Hampshire, 03061-0868 in Artherance of my/our obligations to BAE, and do hereby assign and transfer to BAE, its successors, and assigns the entire right, title and interest, including the right of priority, in, and to and under an application for Letters Patent of the United States entitled:

DISTRIBUTED SCHEDULER DESIGN FOR MULTIUSER DETECTION EN MOBILE AD-HOC NETWORKS	ABLED WIRELESS
Filing thate: 04/20/2011 Application Number: 13/090,	435
and executed on even date herewith the invention(s) and improvement(s) set for continuations, continuations-in-part (CIPs), divisionals, and renewals of and substituted Letters Patent, and any and all Letters Patent of the United States and of countribe right of priority under the International Convention which may be granted the eisaues, or recomminations, or extensions of said Letters Patent.	utes for said application for les foreign thereto including
I/We additionally authorize BAE to file applications in my/mr name for Letters held and enjoyed by BAE, its successors, assigns, nominees or legal representatives, terms for which said Letters Patent respectively may be granted, reissued or extended name would have been held and enjoyed by me/us had this assignment, and transfer no	to the full end of the term or l, as fully and entirely as the
And I/we hereby covenant that I/we have a full right to convey the entire interest in lave not executed and will not execute any agreement in conflict horewith, and I/we that I/we will, each time a request is made, and without undue delay, execute and delivereessary or desirable to perfect the title to said invention(s) or improvement(s), said Patent to BAE, its successors, assigns, nominees or logal representatives, and I/we ago to its nominee, all known facts respecting said invention(s) or improvement(s) said Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all continuations, CIPs, reissue and foreign applications, to make all rightful on the and do everything possible to aid. BAE, its successors, assigns, nominees and legal reinforce, for its or their own benefit, proper patent protection for said invention(s) or all countries;	e further coverant and agree for all such papers as may be application and said Letters see to communicate to BAE, application and said Letters disclaimers and divisionals, eclarations, and generally to spresentatives to obtain and
And I/we hereby authorize and request the Commissioner of Patents and Trademus any official of any country or countries foreign to the United States whose duspplications as aforesaid, to issue to BAE, as assignee of the entire right, title and Patent for said invention(s) or improvement(s), including any and all Letters Patent may be issued and granted on or as a result of the application aforesaid, in accordant assignment.	ly it is to issue patents or interest, any and all Lettern t of the United States which
live further authorize and direct BAE attorneys to insert the application num application now identified by the case number and title set forth above as soon as the to them by the United States Palent and Trademark Office.	
Date Assignment Signed: Shuomin M	
Date Witness Signed:	
(Witness signature)	(nature)
(Witness Be	inter Normal

PATENT REEL: 026604 FRAME: 0726

[Witness Printed Name]

Date Assignment Signed:		
Ç Ç		John A. Gu
Date Witness Signed:	wallen was a second of the sec	[Witness signature]
		[Witness Printed Name]
Date Assignment Signed:		John A. Tranquilli, Jr.
D . W		23
Date Witness Signed:		[Witness signature]
		[Witness Printed Name]
Date Assignment Signed:		Joseph Farkas
Data Witness Signed		•
Date Witness Signed:		[Witness signature]
		[Witness Printed Name]
Date Assignment Signed:		Ming Luo
Date Witness Signed:		
Sam William Digitam		[Witness signature]
		[Witness Printed Name]

PATENT REEL: 026604 FRAME: 0727 2011-Q6-23 12:36 The Boeing Company

703-647-1482 >>

617 723 7186 P 5/5

BABP-1383 Page 3

Date Assignment Signed:

June 3, 2011

Reza Chanedan

Date Witness Signed:

6,3,11

[Witness signature]

Town Barkley
[Witness Printed Name]

REEL: 026604 FRAME: 0728

SSIGNMENT

For value received, I/We, the undersigned (each) have agreed and hereby agree to assign to BAE Systems Information And Electronic Systems Integration Inc. (hereinafter referred to as BAE), as Delaware corporation, having a place of business at PO Box 868. Nashua, New Hampshire, 03061-0868 in furtherance of my/our obligations to BAE, and do hereby assign and transfer to BAE, its successors, and assigns the entire right, little and interest, including the right of priority, in, and to and under an application for Letters Patent of the United States entitled:

DISTRIBUTED SCHEDULER DESIGN FOR MULTIUSER DETECTION ENABLED WIRELESS MOBILE AD-HOC NETWORKS

Filing date ... 04/20/2011

	~ 200000000 S.C	27	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 4 5 Th F 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	11 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	4 4 4 C	. ** \$100 COMBER - C. De-ye	the second of th	Start State of	10 mm 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3. 3. 4.
ii.		V	Section Section 1	3.50		the second	36. / C. C. T. T. S. C. T. T. S. C.	26	THE RESERVED TO SERVED		44 J. S.
90	and the second second	 No. 7000000000000000000000000000000000000	1356	4200		No variable and	\$69 p. 20,000 J. C.				Marie Carlo
				4950m		• # A. A. C. A. S. B.	· 10 • 10 • 10 • 10 • 10 • 10 • 10 • 10			CAR Market 1 10 10	
:4	nd evecu	ted on e	ven date	nerewith I	he invent	ionisi and	improven	ienfisi set	torth there	in, and any	and al
ž.,			3480	· · · · · · · · · · · · · · · · · · ·	rx: X	· 22 . M. 18 18 18 7 7 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Carlo Carlo Carlo Carlo	- Y. 23 - 1	" Jan 1 " 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
ť.	Ontimitalia	ms conti	nuations-	in-narisi (*)	PSISOTIVIS	ionais and	i renewals -	of and su	bsmutes∞for	said applica	ition to
·	(/1151116)	**************	The state of the s		~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		- March 14, 17	O	Section Contract Cont	Seite abbite	iniciae resi
	13.00		1 2 3	- 47 G 4 1 1.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1000000				5 840 440

Application Number: 13/090,435

said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto including the right of priority under the International Convention which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/We additionally authorize BAE to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by BAE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued on extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

And I/we hereby covenant that I/we have a full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent to BAE its successors assigns, nominees or legal representatives and I/we agree to communicate to BAE. or to its nominee; all known facts respecting said invention(s) or improvement(s) said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers; to execute all disclaimers and divisionals, continuations. CIPs reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid BAE, its successors, assigns, nominees and legal representatives to obtain and enforce; for its or their own benefit, proper patent protection for said invention(s) or improvements(s) in any and all countries;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to BAE, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this Assignment!

I/we further authorize and direct BAE attorneys to insert the application number and filing date of said application now identified by the case number and little set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.

Da	te Assi	gnment	Signed	l: Mari		Contraction (141		1	200	Ada si e
. A X	4					. SF.					Shaoi	nin Mo		
					29			7.78						
Da	to Witr	iess Sig	ned:				C. C.	$\mathcal{M}^{\mathcal{M}}$						
IJα	cc water	(033.012	iicu.		74	11 65.23	75 574		43.6		F137:4	ess signat		
as Ogl											[I W IIII	588 Signat	arej.	
			2										and when or the	a.,
			948			50 / t 130 a				2000 S	<i>19</i> 00	3	****	the control of control of
						4.5			A SHOT	3.00	Witn	ess Printe	d Name]	A
	A. CAMBOS 255 Ch.				C. C. MATTERSON,	1 1 A 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			200 CA 1000	V 20 30 23 5 1 1 14	No. 20 10 10 10 10 10 10 10 10 10 10 10 10 10	San Variable	94. 2 4 E 774 D 544 BB.	Carl Total

REEL: 026604 FRAME: 0729

Date Assignment Signed: Date Witness Signed Date Assignment Signed: John A. Tranquilli, Jr. Date Witness Signed: [Witness signature] [Witness Printed Name] Date Assignment Signed? Joseph Farkas Date Witness Signed: [Witness signature] [Witness Printed Name] Date Assignment Signed: Ming Luo Date Witness Signed: [Witness signature] [Witness Printed Name]

PATENT

REEL: 026604 FRAME: 0730

	All the said the said to the said	, .		A regard to the second
*BAEP=1383				
page 3	Constitution of the Consti	· · · · · · · · · · · · · · · · · · ·	zai Ghanadan	
Date Assignment/Signed:			Vitness signature	
Date Witness Signed:			Witness Printed Name	
t (d.)				
			PATE	VТ
DECODED ATIONIOS	The state of the s		DEEL . 000004 F	DAME. 0724

PATENT REEL: 026604 FRAME: 0731 RECORDED: 07/01/2011