PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3007571

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ADRIAN F. WARNER	08/07/2014
JOSEPH JOHN MANAK	08/15/2014
JEFFREY WAYNE EBERHARD	08/15/2014
DANIEL RICHARD SCHNEIDEWEND	08/07/2014
HAO LAI	08/12/2014

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14462437

CORRESPONDENCE DATA

Fax Number: (503)459-4142

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: 5034594141

Email: laberge@ahmrt.com

Correspondent Name: ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP

806 SW BROADWAY Address Line 1:

Address Line 2: SUITE 600

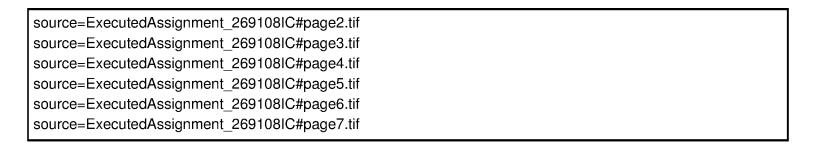
Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER: 269108 IC	
NAME OF SUBMITTER:	JACKIE LABERGE
SIGNATURE:	/Jackie LaBerge/
DATE SIGNED:	09/03/2014

Total Attachments: 7

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PATENT REEL: 033661 FRAME: 0384 502960973



PATENT REEL: 033661 FRAME: 0385

COMBINED DECLARATION AND GLOBAL ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

MACRO-ENABLED DISPLAY ELEMENTS

	the specification of	which is attached hereto OR	
\square	United States applic	cation or PCT international application numb	er
	14/462,437	filed on August 18, 2014	, as
	amended on [date]	(if applicable).	
	(We hereby authorize	and request the Company or its delegated at	torneys or agents to
	insert above the appli	cation number and filing date of the application v	when known.)

The above-identified application was made or authorized to be made by us.

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or (as applicable) arising out of other agreements (such as, but not limited to, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we.

Inventor	Inventor	Inventor Last		Residence Town	Residence	Residence
First Name	Middle	Name			State	Country
	Name					
Adrian	F.	Warner	of	Delafield	WI	US
Joseph	John	Manak	of	Albany	NY	US
Jeffrey	Wayne	Eberhard	of	Albany	NY	US
Daniel	Richard	Schneidewend	of	Menomonee	WI	US
				Falls		
Нао		Lai	of	Rexford	NY	US

v9.18.12

hereby sell and assign to:

Name of Company: General Electric Company		
Entity Type (optional): New York corporation		
Address: 1 River Road, Schenectady, New York 12345 USA		

herein referred to as "Company", its successors and assigns our entire respective rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application Number	Filing Date	Title

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1	
Signature: Alay ' <u>'</u> Adrian F. Warner	- Date: 07 Mugh 2014
Witnessed by: Signature	Date: 07-406-2014
TTMOTHY P. STIEMKE Printed Name of Witness	
Witnessed by: Claudio Mejia	Date: <u>607-406-2014</u>
Printed Name of Witness	••
SECTION BELOW IS FOR USE ONLY IF S	IGNING IN PRESENCE OF A NOTARY
	Date:
Adrian F. Warner	
STATE OF	
COUNTY OF	
This day of, inventor, <u>Adrian F. Warner</u> , to me personally k assignment, who acknowledged to me that he, the purposes therein set forth.	before me personally came the above-named known as the individual who executed the foregoing /she executed the same of his/her own free will for
Seal	
abusaning fining and a second	(Notary Public)

INVENTOR 2	
Signature Sanaffa Sana	0.000 <u>Albli</u> 4
Wilnessed by Drise Wyr	0***: 8/15/14
Printed Name of Wilmans	
Winesad by Signature Hao Laj	om 14, 15, 2014
Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGN	UNG IN PRESENCE OF A NOT ARY
Joseph John Manak	
STATE OF	
COUNTY OF	
Thisday of inventor, <u>Joseph John Manas</u> , to me personal foregoing assignment, who acknowledged to me free will for the purposes therein set forth. Sea/	before me personally came the above-named ly known as the individual Who executed the that he/she executed the same of his/her own
	(Notary Public)
	(WORM & W. OPANO)

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PATENT

REEL: 033661 FRAME: 0389

INVENTOR 3	
Signature:	Date:
Witnessed by: Signature	Date:
Printed Name of Witness	- :
Witnessed by: Signature	Date:
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY
Jeffrey W Electron C Jeffrey Wayne Eberhard	Date: Aug 15, 2014
STATE OF NOW YORK COUNTY OF Albany ss.	
This 5th day of August, 2014 inventor, Jeffrey Wayne Eberhard, to me perso foregoing assignment, who acknowledged to me free will for the purposes therein set forth.	before me personally came the above-named anally known as the individual who executed the that he/she executed the same of his/her own
Seal Allowy Heaves	(Notary Public)

Melody T. Hearns
Notary Public, State of New York
No. 01HE6250432
Qualified in Albany County
My Commission Expires

GE Docket No. 269108 IC

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INVENTOR 5	
Signature: Hao Lai	Date: 449 12, 2614
Witnessed by: Signature	Date: 12 Ag 2014
Printed Name of Witness	
Witnessed by: Signature	Date: Aug 12 2014
Y,'らく Fac Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY	
Date:	
Hao Lai	
STATE OF	
COUNTY OF	
This	
Seal	
	(Notary Public)

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