503601618 12/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3648249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOAKIM SODERBERG	11/07/2015
EDWIN A. HEREDIA	10/28/2015
PAVAN KAPANIPATHI	10/26/2015
GLENN ALGIE	10/15/2015
ALAN MESSER	10/21/2015

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address: 129, SAMSUNG-RO, YEONGTONG-GU		
Internal Address:	SUWON-SI	
City: GYEONGGI-DO		
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14928599	

CORRESPONDENCE DATA

Fax Number: (561)423-9297

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: 561-801-7700

Email: ptomail@iplawpro.com

Correspondent Name: CUENOT, FORSYTHE & KIM, LLC Address Line 1: 20283 STATE ROAD 7, SUITE 300

Address Line 2: STE. 300

Address Line 4: BOCA RATON, FLORIDA 33498

ATTORNEY DOCKET NUMBER: ATL14-CE02-A2_8255-0011	
NAME OF SUBMITTER: KEVIN T. CUENOT	
SIGNATURE:	/KEVIN T. CUENOT/
DATE SIGNED: 12/08/2015	
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT 503601618 REEL: 037238 FRAME: 0734

Total Attachments: 10 source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page1.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page2.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page3.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page4.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page5.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page6.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page7.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page8.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page9.tif source=ATL14-CE02-A2_FiledAssignment-Declaration_12-08-15#page9.tif

PATENT REEL: 037238 FRAME: 0735

Title of Inventions	SEMANTIC ENRICHMENT OF TRAJECTORY DATA		
As the unders	gand inventor, I hareby alcohor abut		
This combine assignment is	I decimation and STRs attached application, or directed to: CU into Association or PCT International application mander filled on		
The above ide	ntified application was made or authorized to be made by me.		
I believe shar	I am the original inventor or an original joint inventor of a claimed invention in the application.		
	ed and understand the contents of the application including the claims, for which this combined declaration and being admitted.		
l am awar of 1.56	the duty to disclose to the Office all information known to me to be material to potentability as defined in 37 CYX		
Summers, Ox	istromage Discremins Co., List., a Komme corporation, busing a place of business at 129, Summage on, Yeonghong go conggrego, Konga (hereinallar referred to as "ASSIONEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;		
ioventus, ber above-alenti applications, i Convention o	EFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named oby sell, assign and transfer to said ASSIGNES, its successors and assigns, the entire right, title and interest in the ed application and the invention disclosed therein in all countries, including all divisional applications, continuation and corresponding priority applications including those to which priority is claimed under the International Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted. It reintees themsel.		
We hareby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSKINEE, its successors and assigns, may apply for patents for the invention in foreign countries without forther authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSKINEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.			
Thereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1801 by fine or imprimument of not more than five (5) years, or both.			

LEGAL NAME OF 1st INVENTOR (e.g., full first name, middle initial, had name)

Inventor: 20AKIM SQDFRBFR

Signature

Date: 11/7 2015

LEGAL NAME OF 2nd INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: EDWIN A. HEREDIA	Date:		
Signature:			
LEGAL NAME OF 3rd INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: PAVAN KAPANIPATHI	Date:		
Signature:			
LEGAL NAME OF 4th INVENTOR (e.g., full first name, middle initial, last name)			
Inventor:	Date:		
Signature:			
LEGAL NAME OF 5th INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: ALAN MESSER	Date:		
Signature:			

Title of Invention	SEMANTIC ENRICHMENT OF TRAJECTORY DATA		
As the undersi	gned inventor, I hereby	declare that:	
This combined assignment is o	directed to:	he attached application, or Inited States application or P iled on	CT International application number
The above-ide	ntified application was	made or authorized to be ma	de by me.
I believe that I	am the original invent	or or an original joint invento	r of a claimed invention in the application.
	d and understand the co peing submitted.	ontents of the application inc	luding the claims, for which this combined declaration and
I am aware of 1.56.	the duty to disclose to t	he Office all information kno	own to me to be material to patentability as defined in 37 CFR
Suwon-si, Gye	onggi-do, Korea (herei	nafter referred to as "ASSIG	having a place of business at 129, Samsung-ro, Yeongtong-gu NEE"), desires to acquire the entire right, title and interest in United States and foreign countries;
inventors, here above-identified applications, as Convention of	by sell, assign and traned application and the independent of the independent priority.	sfer to said ASSIGNEE, its solvention disclosed therein in the applications including the	reipt whereof is hereby acknowledged, We, the below named uccessors and assigns, the entire right, title and interest in the all countries, including all divisional applications, continuation se to which priority is claimed under the International and renewals thereof, and to all patents that may be granted
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.			
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
LEGAL NAM	E OF 1st INVENTOR	(e.g., full first name, middle	initial, last name)
Inventor: : JOAKIM SODERBERG Date:			
Signature:			

Docket No. ATL14-CE02-A2 (8255-0011)

Page 1 of 2

LEGAL NAME OF 2nd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: EDWIN A. HEREDIA Signature: E. A. Threship	Date: 10 28 15
Signature: E. A. Thereby	
LEGAL NAME OF 3rd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: : PAVAN KAPANIPATHI	Date:
Signature:	
LEGAL NAME OF 4th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: : GLENN ALGIE	Date:
Signature:	
LEGAL NAME OF 5th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: : ALAN MESSER	Date:
Signature:	

Title of Invention	SEMANTIC ENRICHMENT OF TRAJECTORY DATA			
As the undersi	As the undersigned inventor, I hereby declare that:			
This combined assignment is o	declaration and			
The above-ide	ntified application was made or authorized to be made by me.			
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.			
I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.				
I am aware of 1.56.	he duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR			
WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;				
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.				
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.				
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LEGAL NAME OF 1st INVENTOR (e.g., full first name, middle initial, last name)				
Inventor:: JOAKIM SODERBERG Date:				
Signature:				

LEGAL NAME OF 2nd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: EDWIN A. HEREDIA	Date:
Signature:	
LEGAL NAME OF 3rd INVENTOR (e.g., full first name, middle initial, last name)	
LEGAL NAME OF 3rd INVENTOR (e.g., full first name, middle initial, last name) Inventor: PAVAN KAPANIPATHI Signature:	Date: <u>(0 - 26 - > 0/</u> 5
Signature:	
LEGAL NAME OF 4th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor:: GLENN ALGIE	Date:
Signature:	
LEGAL NAME OF 5th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: : ALAN MESSER	Date:
Signature:	

Title of Invention					
As the undersigned inventor, I hereby declare that:					
This combined assignment is o	declaration and directed to:	☑The attached application, or ☐United States application or I filed on	PCT International application number		
The above-ide	ntified application	was made or authorized to be ma	ade by me.		
I believe that I	am the original inv	entor or an original joint inventor	or of a claimed invention in the application.		
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LEGAL NAM	E OF 1st INVENT	OR (e.g., full first name, middle	initial, last name)		
Inventor:: 30	DAKIM SODER	BERG	Date:		
Signature:					

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Page 1 of 2

LEGAL NAME OF 2nd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: EDWIN A. HEREDIA	Date:
Signature:	
LEGAL NAME OF 3rd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: PAVAN KAPANIPATHI	Date:
Signature:	
LEGAL NAME OF 4th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: : GLENN ALGIE	Date: <u>CCT /S 20/</u> 5
Signature:	
LEGAL NAME OF 5th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: ALAN MESSER	Date:
Signature:	

Title of Invention	SEMANTIC ENRICHMENT OF TRAJECTORY DATA	
As the undersi	igned inventor, I hereby declare that:	
This combined assignment is	d declaration and SThe attached application, or directed to: States application or PCT International application number filed on	
The above-ide	entified application was made or authorized to be made by me.	
I believe that I	I am the original inventor or an original joint inventor of a claimed invention in the application.	•
	ed and understand the contents of the application including the claims, for which this combined declabeing submitted.	ration and
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LEGAL NAM	1E OF 1st INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: 30	OAKIM SODERBERG Date:	
Signature:		

Docket No. ATL14-CE02-A2 (8255-0011)

Page 1 of 2

LEGAL NAME OF 2nd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: EDWIN A. HEREDIA	Date:
Signature:	······
LEGAL NAME OF 3rd INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: PAVAN KAPANIPATHI	Date:
Signature:	····
	······································
LEGAL NAME OF 4th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor:: GLENN ALGIE	Date:
Signature:	
LEGAL NAME OF 5th INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: ALAN MESSER	Date: 0(21/15
Signature:	

Page 2 of 2