502725773 03/18/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2772378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BINIT JAIN	03/17/2014
RANDY L. EKL	03/06/2014
DANIEL S. GRIESMANN	03/06/2014
APARNA PANDEY	03/06/2014
MIKLOS STERN	03/03/2014

RECEIVING PARTY DATA

Name:	MOTOROLA SOLUTIONS, INC.
Street Address:	1301 EAST ALGONQUIN RD., IL02-SH5
Internal Address:	PATENT OPERATIONS DEPT.
City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60196

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14217551

CORRESPONDENCE DATA

Fax Number: (847)576-3750

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 847-576-2932

Email: USAdocketing@motorolasolutions.com

Correspondent Name: MOTOROLA SOLUTIONS, INC.

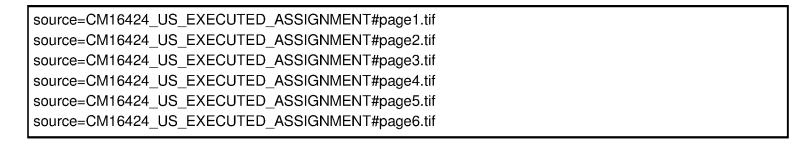
Address Line 1: 1301 EAST ALGONQUIN RD., IL02-SH5

Address Line 2: PATENT OPERATIONS DEPT.
Address Line 4: SCHAUMBURG, ILLINOIS 60196

NAME OF SUBMITTER:	JUDITH L. AHRENS
SIGNATURE: /	/judith I. ahrens/
DATE SIGNED:	03/18/2014

Total Attachments: 6

PATENT
REEL: 032459 FRAME: 0446



PATENT REEL: 032459 FRAME: 0447

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, BINIT JAIN, SAN JOSE, CA; RANDY L. EKL, LAKE ZURICH, IL; DANIEL S. GRIESMANN, VILLA PARK, IL; APARNA PANDEY, CHICAGO, IL AND MIKLOS STERN, WOODMERE, NY have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA SOLUTIONS, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in MODIFYING RFID SYSTEM OPERATION USING MOVEMENT DETECTION (Docket No. CM16424), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any nonprovisional, division, extension, continuation. reexamination or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA SOLUTIONS, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefore in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize MOTOROLA SOLUTIONS, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, reexamination or reissue to MOTOROLA SOLUTIONS, INC., for the sole use and benefit of MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA SOLUTIONS, INC.

CM16424

PATENT REEL: 032459 FRAME: 0448 We agree that, when requested, we will, without charge to MOTOROLA SOLUTIONS, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

rogal representatives, that the interest at	id property hereby conveyed to t	100 HOILL OIL
prior assignment, grant, mortgage, licens	se or other encumbrance.	
Binit jain	DATE: 3/17/2014	1
BINIT JAIN .	DATE,	
STATE OF CA)	•	
COUNTY OF)ss		
The undersigned Notary Public in and certify that BINIT JAIN, whose name is s appeared before me this day in person a delivered the instrument as their free and purposes therein set forth. Given under my hand and notarial se	subscribed to the foregoing instru and acknowledged that they sign d voluntary act and deed for the	iment, ed, sealed and uses and
My commission expires:	Notary Public Signature	
	Printed Name of Notary Pr	ublic
R. C. SINGH Commission # 1953520 Notary Public - California Santa Clara County My Comm. Expires Oct 21, 2015	State of California County of On 03/17/0/4 before me R.C personally appeared SIAIT JY whó proved to me on the basis of satisfactor person(s) whose name(s) is/are subscribed to the acknowledged to me that he/she/they exhis/her/their authorized capacity(ies), and signature(s) on the instrument the person(s), or the which the person(s) acted, executed the instrument the lews of the the foregoing paragraph is true and correct. WITNESS my hand and official seal.	e within instrument and ecuted the same in that by his/her/their he entity upon behalf of ument, it centify under

CM16424

Randy L. Ehl RANDY L. EKL	DATE:March 6., 2014
STATE OF IL ())ss	
The undersigned Notary Public in and for certify that RANDY L. EKL, whose name is a appeared before me this day in person and delivered the instrument as their free and vopurposes therein set forth. Given under my hand and notarial seal the certific process in the certific process.	acknowledged that they signed, sealed and bluntary act and deed for the uses and
My commission expires:	Notary, Public Signature HELLA NANAPOLINO
SAMAMANAAAAAAAA AAAAAAAAAAAAAAAA AAAAAAAAAA	Printed Name of Notary Public

SHEILA R. MANNERINO
"OFFICIAL SEAL"
Rotary Public, State of Illinois
My Commission Expires
April 08, 2017

DANIEL S. GRIESMANN DAT	E: 3-6-2014
STATE OF IL ()ss	
The undersigned Notary Public in and for the certify that DANIEL S. GRIESMANN, whose na instrument, appeared before me this day in persealed and delivered the instrument as their frequeses and purposes therein set forth.	me is subscribed to the foregoing son and acknowledged that they signed, e and voluntary act and deed for the
Given under my hand and notarial seal this My commission expires: SHEILA R. MANNERINO "OFFICIAL SEAL" Itolary Public, State of Illinois My Commission Expires April 08, 2017	Notary Public Signature Printed Name of Notary Public AND TRUCK Printed Name of Notary Public

APARNA PANDEY

STATE OF IL

COUNTY OF

SSE

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that APARNA PANDEY, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this

My commission expires:

Notary Public Signature

Notary Public Signature

Notary Public Signature

Notary Public Signature

"OFFICIAL SEAL"
lolary Public, State of Illinois
My Commission Expires
April 08, 2017

MIKLOS STERN DAT	E: March 3, 2014
STATE OF NY) COUNTY OF Soffore)	
The undersigned Notary Public in and for the certify that MIKLOS STERN, whose name is sull appeared before me this day in person and acknowledged the instrument as their free and volunt purposes therein set forth. Given under my hand and notarial seal this _	bscribed to the foregoing instrument, nowledged that they signed, sealed and tary act and deed for the uses and
My commission expires: GLENN FRANKENBERGER Notary Public, State Of New York No. 02FR6060474 Oualified In Suffolk County	Notary Public Signature Glenn Frankenberger Printed Name of Notary Public

CM16424

GLENN FRANKENBERGER Notary Public, State Of New York No. 02FR6060474 Qualified In Suffolk County Commission Expires June 25, 20