503533997 10/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3580624

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMIT KULKARNI	10/21/2015
SAMEER D. MANIKFAN	10/21/2015
RAJA SEKHAR CHANAPATHI	10/21/2015
PARIMAL KULKARNI	10/21/2015

RECEIVING PARTY DATA

Name:	HONEYWELL INTERNATIONAL INC.
Street Address:	115 TABOR ROAD
Internal Address:	MAIL STOP 4D3
City:	MORRIS PLAINS
State/Country:	NEW JERSEY
Postal Code:	07950

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14919519

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: 973-455-3389

Email: patentservices-us@honeywell.com

Correspondent Name: HONEYWELL/MUNCK PATENT SERVICES

Address Line 1: 115 TABOR ROAD Address Line 2: P.O. BOX 377

Address Line 4: MORRIS PLAINS, NEW JERSEY 07950

ATTORNEY DOCKET NUMBER:	H0051313-0115
NAME OF SUBMITTER:	WILLIAM A MUNCK
SIGNATURE:	/William A. Munck/
DATE SIGNED:	10/21/2015
	.

Total Attachments: 2

PATENT REEL: 036850 FRAME: 0005 source=Assignment#page1.tif source=Assignment#page2.tif

> PATENT REEL: 036850 FRAME: 0006

ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H00

H0051313-0115 US

WHEREAS, Amit Kulkarni, Sameer D. Manikfan, Raja Sekhar Chanapathi, and Parimal Kulkarni

(hereinafter "Assignor") have invented certain new and useful improvements in

MIB DATA BROADCAST USING INEXPENSIVE METHOD INCORPORATING MICROCONTROLLER AND FPGA

(hereinafter "invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, filed herewith, which application has been duly executed by Assignor on the day(s) and date(s) of these presents.

AND WHEREAS, Honeywell International Inc., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having a place of business at 101 Columbia Road, Morristown, Morris County, New Jersey, U.S.A., hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said invention within the United States of America and its territorial possessions and all foreign countries and any United States or foreign LETTERS PATENT that may be granted therefor.

NOW, THIS INDENTURE WITNESSETH, that for good and valuable considerations, the receipt whereof is hereby acknowledged, Assignor has assigned, sold and transferred, and does hereby assign, sell and transfer to the said Assignee the entire right, title and interest in and to the said invention, within the United States of America and its territorial possessions and all foreign countries and in and to any LETTERS PATENT of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations and extensions thereof that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty, including any international convention, for the protection of industrial property, together with the right to extend the protection of said U.S. LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors or assigns, to the full end of the term for which said LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. And Assignor does hereby request and authorize the Commissioner of Patents and Trademarks, U.S.A., to issue said U.S. LETTERS PATENT, when granted, in accordance with this assignment.

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the invention hereby assigned, which title Assignor warrants unto the Assignee, and Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the said invention, and for maintaining and perfecting the Assignee's right to said invention and LETTERS PATENT particularly in cases of interference, conflict, opposition and litigation.

IN TESTIMONY V	VHEREOF, I have hereu	anto set my hand this Amit Kulkarni	2154 Jodi	day of	october	. 20
STATE OF)				
COUNTY OF) ss.:)				
	On this	day ofAmit Kul	, 20 <u></u> karni	5 be	efore me personally	appeared
to me known and know executed the same	m to me to be the individ	dual described in and who ex	ecuted the fores	going instrur	nent, and he acknow	rledged to me that he
[SEAL]						Notary Public
		My commissi	on expires:			

PATENT REEL: 036850 FRAME: 0007

Page 2 -H0051313-0115 US

Sameer D. Manikfan STATE OF COUNTY OF On this day of, 20	IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of October . 20 15
STATE OF COUNTY OF On this	Sameer D. Manikfan
On thisday of, 2015before me personally appeared Sameer D. Manikfan to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	Officer D. Manuman
On this day of, 2015 before me personally appeared Samcer D. Manikfan to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL]	,
On thisday of	·
Sameer D. Manikfan to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
IN TESTIMONY WHEREOF, I have hereunto set my hand this Raja Sekhar Chanapathi STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF On this day of, 2015 before me personally appeared Parimal Kulkarni STATE OF On this day of, 2015 before me personally appeared Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he
IN TESTIMONY WHEREOF, I have hereunto set my hand this Raja Sekhar Chanapathi STATE OF On this day of	[SEAL]
IN TESTIMONY WHEREOF, I have hereunto set my hand this Raja Sekhar Chanapathi STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public My commission expires: IN TESTIMONY WHEREOF, I have hereunto set my hand this	
STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	My commission expires:
STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public My commission expires: IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF SS.: COUNTY OF SS.: On this day of, 2015 before me personally appeared Parimal Kulkarni	
STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	IN TESTIMONY WHEREOF, I have hereunto set my hand this Spart day of October .20 15
STATE OF On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	Eir. Sk.
COUNTY OF On this day of	Raja Sekhar Chanapathi
COUNTY OF On this day of	STATE OF
On this day of, 2015 before me personally appeared Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	,
Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public My commission expires: IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF In this day of parimal Kulkarni On this day of parimal Kulkarni To me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	COUNTY OF)
Raja Sekhar Chanapathi to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public My commission expires: IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF In this day of parimal Kulkarni On this day of parimal Kulkarni To me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	On this day of , 20 15 before me personally appeared
to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public My commission expires: IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF STATE OF On this day of, 2015 before me personally appeared Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
Notary Public My commission expires: IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF On this day of, 2015	to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he
IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF	
IN TESTIMONY WHEREOF, I have hereunto set my hand this Parimal Kulkarni STATE OF	My commission expires:
STATE OF State of	my community community
STATE OF SS.: COUNTY OF SS.: COUNTY OF STATE OF SS.: COUNTY OF STATE OF	
STATE OF SS.: COUNTY OF On this day of, 2015 before me personally appeared	,
COUNTY OF On this day of, 2015 before me personally appeared Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	Parimal Kulkarni
COUNTY OF On this day of, 2015 before me personally appeared Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	STATE OF
COUNTY OF On this day of, 2015 before me personally appeared Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
Parimal Kulkarni to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	On this day of 20 15 hefore me personally appeared
to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same. [SEAL] Notary Public	
Notary Public	to me known and known to me to be the individual described in and who executed the foregoing instrument, and he acknowledged to me that he

PATENT REEL: 036850 FRAME: 0008

RECORDED: 10/21/2015