

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SUNIL BALE	07/28/2014
SRINIVAS ATUKURI	07/28/2014
JOSEPH FELIX	08/01/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HONEYWELL INTERNATIONAL INC.
<b>Street Address:</b>	101 COLUMBIA ROAD
<b>City:</b>	MORRISTOWN
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07962
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14449968
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(973)455-5904
<i>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.</i>	
<b>Phone:</b>	973-455-2062
<b>Email:</b>	patentservices-us@honeywell.com
<b>Correspondent Name:</b>	HONEYWELL/MUNCK PATENT SERVICES
<b>Address Line 1:</b>	101 COLUMBIA ROAD
<b>Address Line 2:</b>	P.O. BOX 2245
<b>Address Line 4:</b>	MORRISTOWN, NEW JERSEY 07962-2245
<b>ATTORNEY DOCKET NUMBER:</b>	H0045495-0104 US
<b>NAME OF SUBMITTER:</b>	WILLIAM A. MUNCK
<b>SIGNATURE:</b>	/William A. Munck/
<b>DATE SIGNED:</b>	08/01/2014
<b>Total Attachments: 5</b>	
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PATENT



# ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H0045495-0104 US

WHEREAS, **Sunil Bale, Srinivas Atukuri and Joseph Felix**

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

**SYSTEM AND METHOD FOR CONTROLLER REDUNDANCY AND CONTROLLER NETWORK REDUNDANCY WITH ETHERNET/IP I/O**

(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 WHEREOF, I have hereunto set my hand this 28<sup>th</sup> day of July, 20 14  
Sunil Bale

STATE OF KARNATAKA )  
 ) ss.:  
COUNTY OF CHANDRA )  
On this 28<sup>th</sup> day of JULY, 20 14 before me personally appeared  
Sunil Bale

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:

# ASSIGNMENT

Assignment before issue of Letters Patent

Honeywell File H0045495-0104 US

WHEREAS, **Sunil Bale, Srinivas Atukuri and Joseph Felix**

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

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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 WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20 14

Sunil Bale

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 14 before me personally appeared

**Sunil Bale**

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 28 day of JULY, 20 14

Srinivas Atukuri

STATE OF Pennsylvania )  
COUNTY OF Montgomery ) ss.:

On this 28 day of JULY, 20 14 before me personally appeared

Srinivas Atukuri

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.

**COMMONWEALTH OF PENNSYLVANIA**  
[SEAL] NOTARIAL SEAL  
Eileen M. Hagan, Notary Public  
Upper Dublin Twp., Montgomery County  
My Commission Expires May 11, 2018  
**MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES**

My commission expires: 5/11/18

Eileen M. Hagan  
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 20 14

Joseph Felix

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 14 before me personally appeared

Joseph Felix

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 \_\_\_\_\_ day of \_\_\_\_\_, 20 14

**Srinivas Atukuri**

---

STATE OF \_\_\_\_\_ )  
 ) ss.:  
 COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 20 14 before me personally appeared

**Srinivas Atukuri**


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 1<sup>st</sup> day of AUGUST, 20 14

**Joseph Felix** 

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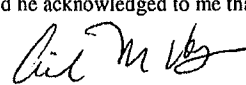
STATE OF PA )  
 ) ss.:  
 COUNTY OF MONTGOMERY )

On this 1 day of AUG, 20 14 before me personally appeared

**Joseph Felix**

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: 5/11/18

COMMONWEALTH OF PENNSYLVANIA  
 NOTARIAL SEAL  
 Eileen M. Hagan, Notary Public  
 Upper Dublin Twp., Montgomery County  
 My Commission Expires May 11, 2018  
 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES