

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Barrett E. Cole	05/16/2007
James Allen Cox	05/16/2007
Yuandong Gu	05/16/2007
Rodney H. Thorland	05/17/2007
<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>
Application Number:	11615617
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	31997 USA
NAME OF SUBMITTER:	Theodore Naccarella

OP \$40.00 11615617

Total Attachments: 3  
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ASSIGNMENT

Assignment before issue of Letters Patent

James Allen *jae*

Honeywell File H0011884

WHEREAS, Barrett E. Cole, ~~Allen E. Cox~~, Yuandong Gu and Rodney H. Thorland

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

**SPECTROSCOPY METHOD AND APPARATUS FOR  
DETECTING LOW CONCENTRATION GASES**

(hereinafter "invention") for which Assignor has made application for LETTERS PATENT OF THE UNITED STATES, filed on March 22, 2006 and assigned Application No. 11/615,617.

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, Morris Township, 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 16 day of May, 2007

B E Cole  
BARRETT E. COLE

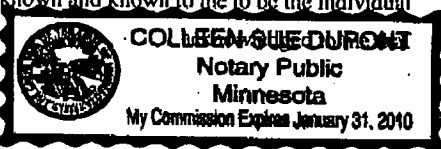
STATE OF Minnesota )  
COUNTY OF Scott ) ss.:

On this 16<sup>th</sup> day of May, 2007 before me personally appeared

to me known and known to me to be the individual

described in and who executed the foregoing instrument,

and [SEAL]



he executed the same.

Colleen Sue Dupont  
Notary Public

My commission expires: Jan. 31, 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of May, 2007

James A. Lee  
~~ALLEN~~ JAMES ALLEN

STATE OF Minnesota  
COUNTY OF Scott

On this 16th day of May, 2007 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.



Cindy Lee Bendel  
Notary Public  
My commission expires: 1-31-2012

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of May, 2007

YUANDONG GU

STATE OF Minnesota  
COUNTY OF Scott

On this 16th day of May, 2007 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.



Colleen Sue Dupont  
Notary Public  
My commission expires: Jan. 31, 2010

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2007

RODNEY H. THORLAND

STATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007 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 \_\_\_\_\_ day of \_\_\_\_\_, 2007

**ALLEN E. COX**

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007 \_\_\_\_\_ 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 \_\_\_\_\_ day of \_\_\_\_\_, 2007

**YUANDONG GU**

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

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007 \_\_\_\_\_ 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 17th day of May, 2007

Rodney H. Thorland  
**RODNEY H. THORLAND**

STATE OF Minnesota )  
 ) ss.:  
COUNTY OF Hennepin )

On this 17th day of May, 2007 \_\_\_\_\_ before me personally appeared

Rodney H. Thorland

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]

Kan Houle

Notary Public

My commission expires: 1-31-2010

