

03-15-2006



EET

103197697

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

3.9.059

**1. Name of conveying party(ies)**  
 Yueping Zeng; Jeffrey W. Kirkland; John F. Anderson;  
 Lawrence J. Leftin; Richard W. Briske

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
 Name: Honeywell International Inc.  
 Internal Address: \_\_\_\_\_  
 Street Address: 101 Columbia Road  
 City: \_\_\_\_\_  
 State: Morristown  
 Country: USA Zip: 07962

Additional name(s) & address(es) attached?  Yes  No

113768 U.S. PTO  
 11/370442

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s): 2/21/2006; 2/23/2006; 3/1/2006; 2/17/2006; 2/24/2006,  
 respectively

Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
03/14/2006 DBYRNE 00000189 012384 11370442  
01 FC:8021 40.00 DA

Additional numbers attached?  Yes  No

B. Patent No.(s)

**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Dina Khaled  
 Internal Address: Honeywell International Inc.  
 Street Address: 101 Columbia Road  
 City: Morristown  
 State: NJ Zip: 07962  
 Phone Number: (612) 951-5146  
 Fax Number: (612) 951-6192  
 Email Address: \_\_\_\_\_

**6. Total number of applications and patents involved:** 1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00**

Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
 Expiration Date \_\_\_\_\_

b. Deposit Account Number 01-2384  
 Authorized User Name Armstrong Teasdale LLP

**9. Signature:** Robert E. Slenker March 8, 2006  
 Signature Date

Robert E. Slenker  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS YUEPING ZENG of 19323 SANDY SPRINGS CIRCLE, LUTZ, County of HILLSBOROUGH, and State of FLORIDA 33558, JEFFREY W. KIRKLAND of 514 161<sup>ST</sup> AVENUE, REDINGTON BEACH, County of PINELLAS and State of FLORIDA 33708, JOHN F. ANDERSON of 611 LAKE CYPRESS CIRCLE, OLDSMAR, County of PINELLAS and State of FLORIDA, 34667, LAWRENCE J. LEFTIN of 240 WILSON AVENUE, SATELLITE BEACH, County of BREVARD and State of FLORIDA 32937, and RICHARD W. BRISKE of 6261 43 TERRACE NORTH, KENNETH CITY, County of PINELLAS, and State of FLORIDA 33709

have invented certain new and useful improvements in **METHODS AND SYSTEMS FOR IMPLEMENTING AN ITERATED EXTENDED KALMAN FILTER WITHIN A NAVIGATION SYSTEM** for which an application is about to be made for Letters Patent of the United States, and

Whereas, Honeywell International Inc., a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 U.S.A. is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration to us paid by the said Honeywell International Inc., the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Honeywell International Inc., its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including all of our rights under any and all international conventions, treaties and/or agreements concerning patents to which the United States is a party, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We further authorize said assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of any international convention, treaty and/or agreement.

We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said assignee, its successors and assigns, execute such additional writings and do such additional acts as said assignee, its successors and assigns, may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or any of and all foreign countries on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date February 21, 2006

YUEPING ZENG

State of Florida)

County of Pinellas)ss.

On this 21 day of February, 2006, before me personally appeared **YUEPING ZENG**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Patricia A. Cheek  
Commission #DD162970  
Expires: Dec 15, 2006  
Bonded Thru  
Atlantic Bonding Co., Inc.

Patricia A. Cheek  
Notary Public, County Pinellas  
State of Florida  
My Commission Expires 12-15-2006

Date February 23, 2006

Jeffrey W. Kirkland  
JEFFREY W. KIRKLAND

State of Florida)

County of Pinellas)ss.

On this 23 day of February, 2006, before me personally appeared **JEFFREY W. KIRKLAND**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Patricia A. Cheek  
Commission #DD162970  
Expires: Dec 15, 2006  
Bonded Thru  
Atlantic Bonding Co., Inc.



Patricia A. Cheek  
Notary Public, County Pinellas  
State of Florida  
My Commission Expires 12-15-2006

Date 3-1, 2006

John F. Anderson  
JOHN F. ANDERSON

State of Florida)

County of Pinellas)ss.

On this 1 day of March, 2006, before me personally appeared **JOHN F. ANDERSON**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.



Patricia A. Cheek  
Commission #DD162970  
Expires: Dec 15, 2006  
Bonded Thru  
Atlantic Bonding Co., Inc.

Patricia A. Cheek  
Notary Public, County Pinellas  
State of Florida  
My Commission Expires 12-15-2006

Date February 17, 2006  
State of Pennsylvania)  
County of Bucks)ss.

Lawrence J. Leftin  
LAWRENCE J. LEFTIN

On this 17<sup>th</sup> day of February, 2006, before me personally appeared **LAWRENCE J. LEFTIN**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Cynthia A. McGee  
Notary Public, County Bucks  
State of Pennsylvania  
My Commission Expires 3-11-07

Notarial Seal  
Cynthia A. McGee, Notary Public  
Lower Makefield Twp., Bucks County  
My Commission Expires Mar. 11, 2007

Member, Pennsylvania Association of Notaries

Date February 24, 2006  
State of Florida)  
County of Pinellas)ss.

Richard W. Briske  
RICHARD W. BRISKE

On this 24 day of February, 2006, before me personally appeared **RICHARD W. BRISKE**, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same as his free act and deed.

Patricia A. Cheek  
Notary Public, County Pinellas  
State of Florida  
My Commission Expires 12-15-2006



Patricia A. Cheek  
Commission #DD162970  
Expires: Dec 15, 2006  
Bonded Thru  
Atlantic Bonding Co., Inc.