

Mrd 2/10/00

03-14-2000

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)

RECORDATION OF PATENT

DEPARTMENT OF COMMERCE Patent and Trademark Office



101289779

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties: Vikram R. Jamalabad; Anna Loskiewicz-Buczak; Richard A. Burne Additional name(s) & party(ies) attached? [ ] Yes [x] No

2. Name and address of receiving party(ies): Name: Honeywell International Inc. Internal Address: P. O. Box 2245 Street Address: 101 Columbia Road City: Morristown State: NJ Zip: 07962 Additional name(s) & address(es) attached? [ ] Yes [x] No

3. Nature of conveyance: [x] Assignment [ ] Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: January 27, 2000; January 27, 2000; January 31, 2000

JC564 U.S. PTD 09/501633 02/10/00

4. Application number(s) or patent number(s): February 10, 2000 A. Patent Application No.(s) 60/162,998, filed November 1, 1999 B. Patent No.(s) 09/501633 Additional numbers attached? [ ] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Loria B. Yeadon Internal Address: Honeywell International Inc. Law Department M/S 2/B2 Street Address: 699 Route 46 East City: Teterboro State: NJ Zip: 07608

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) .....\$ 40.00 [ ] Enclosed [x] Authorized to be charged to deposit account 8. Deposit account number: 01-1113 (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Loria B. Yeadon Signature February 10, 2000 Name of Person Signing Signature Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

09501633 011118 0000056 40.00

PATENT

REEL: 010605 FRAME: 0361

ASSIGNMENT

Assignment before issue of Letters Patent

Attorney 450-99-002

Docket No. \_\_\_\_\_

WHEREAS, Vikram R. Jamalabad; Anna Loskiewicz-Buczak; Richard Allen Burne (hereinafter "Assignor") have invented certain new and useful improvements in

**A Method and Device for Grouping Dynamically Varying Limited Range Entities for Rapid Searching**

(hereinafter "invention") for which Assignor has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on

the day(s) and date(s) of these presents including any United States provisional application(s) identified as follows, of which the subject application claims priority: 60/162,998, filed November 1, 1999.

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 27<sup>th</sup> day of JANUARY, 2000

[Signature]  
Vikram Ramesh Jamalabad

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27<sup>th</sup> day of January, 2000

[Signature]  
Anna Loskiewicz-Buczak

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31<sup>st</sup> day of January, 2000

[Signature]  
Richard Allen Burne

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of \_\_\_\_\_, 2000

\_\_\_\_\_

STATE OF New Jersey )  
COUNTY OF Morris ) ss.:

On this 27<sup>th</sup> day of Jan., 2000 before me personally appeared

Vikram Ramesh Jamalabad

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] Marcella Daboul  
Notary Public  
My commission expires: **MARCELLA DABOUL**

STATE OF New Jersey )  
COUNTY OF ~~Bergen~~ Morris ) ss.:

**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Aug. 17, 2004**

On this 27<sup>th</sup> day of Jan., 2000 before me personally appeared

Anna Loskiewicz-Buczak

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] Marcella Daboul  
Notary Public  
My commission expires: **MARCELLA DABOUL**

STATE OF Maryland )  
COUNTY OF Carroll ) ss.:

**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Aug. 17, 2004**

On this 31<sup>st</sup> day of January, 2000 before me personally appeared

Richard Allen Burne

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] Mary E. Baker  
Notary Public  
My commission expires: 1/1/03

STATE OF New Jersey )  
COUNTY OF Bergen ) ss.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2000 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: \_\_\_\_\_