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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



Docket No. H0012210-55181^R

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PATENTS ONLY

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

6-30-06

1. Name of conveying party(ies)

William R. Hancock
Robert J. Quirk

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

2. Name and address of receiving party(ies)

Name: HONEYWELL INTERNATIONAL, INC.

Internal Address: Law Dept. AB2

Street Address: P.O. Box 2245

City: Morristown

State: NJ

Country: USA Zip: 07962-9806

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 30, 2006

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

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063006

4. Application or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Andrew Abeyta, Esq.

Internal Address: Honeywell International, Inc.

Law Dept. AB2

Street Address: P.O. Box 2245

City: Morristown

State: NJ Zip: 07962-9806

Phone Number: (602) 436-1981

Fax Number: (602) 436-3185

Email Address: andrew.abeyta@honeywell.com

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 _____

Authorized User Name _____

9. Signature:

Alexander B. Ching
Signature

June 30, 2006

Date

Alexander B. Ching
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

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PATENT
REEL: 018078 FRAME: 0720

IF&L Form - Assignment

United States Patent Application
Attorney Docket No.: H0012210-55181
First Named Inventor: William R. Hancock

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

METHOD AND SYSTEM FOR AN EXTERNAL FRONT BUFFER FOR A GRAPHICAL
SYSTEM

for which application for Letters Patent of the United States:

has been executed on even date herewith;

executed on _____;

was filed on _____ and assigned U.S. Application Serial No. _____;

AND WHEREAS, Honeywell International, Inc., a corporation; partnership; individual having a place of business at Morristown, N.J. (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

PATENT

REEL: 018078 FRAME: 0721

IF&L Form - Assignment

EXECUTED as of the date(s) written below by ASSIGNOR:

William R. Hancock
William R. Hancock

Date: June 30, 2006

Robert J. Quirk
Robert J. Quirk

Date: June 30, 2006