

02-19-2004

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Client No.: H0005284-0120
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RECO



S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying Party(ies):

James R. Biard
Ralph H. Johnson
Klein L. Johnson

2. Name and address of receiving party(ies):

Honeywell International Inc.
101 Columbia Road
Morristown, New Jersey 07962

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

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other:
- Merger
- Change of Name

Execution Date: January 30, 2004, January 30, 2004, January 30, 2004

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 10/767,920

B. Patent No.(s):

Additional numbers attached? Yes No

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

Name: Andrew A. Abeyta
Address:

Honeywell International Inc.
101 Columbia Road
Morristown, New Jersey 07962

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 01-1125

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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.

John G. Shudy, Jr.
Name of Person Signing

Signature

February 11, 2004
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director - US Patent and Trademark Office
PO Box 1450
Alexandria, VA 22313-1450

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

02/18/2004 DBYRME 00000090 011125 10767920
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OPR/FINANCE

ASSIGNMENT

WHEREAS, We, James R. Biard, of 207 Martha Manor, Richardson,
County of Dallas, and State of Texas
Ralph H. Johnson, of 211 Ridgeview, Murphy
County of Collin, and State of Texas
Klein L. Johnson, of 2227 Highland Parkway, St. Paul
County of Ramsey, and State of Minnesota

have invented certain new and useful improvements in

ELECTRON AFFINITY ENGINEERED VCSELS

for which an application is about to be made for Letters Patent of the United States, said application having been executed on even date herewith; and

Whereas, Honeywell International Inc., a corporation organized and existing under the laws of the State of Delaware, and having its principal offices at Honeywell International Inc., 101 Columbia Road, Morristown, NJ 07962, 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.

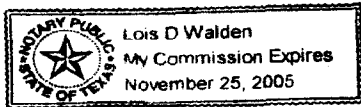
We do hereby covenant and agree with the said assignee, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, 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 January 30, 2004

James R. Biard
James R. Biard

State of TEXAS)
County of DALLAS) ss.

On this 30th day of JANUARY, 2004, before me personally appeared James R. Biard 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.



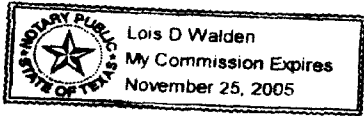
Lois D. Walden
Notary Public, County DALLAS
State of TEXAS
My Commission Expires 11-25-2005

Date JANUARY 30, 2004

Ralph H. Johnson
Ralph H. Johnson

State of TEXAS)
)ss.
County of DALLAS)

On this 30th day of JANUARY, 2004, before me personally appeared Ralph H. Johnson, 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.



Lois D. Walden
Notary Public, County DALLAS
State of TEXAS
My Commission Expires 11/25/05

Date _____, 2004

Klein L. Johnson

State of _____)
)ss.
County of _____)

On this _____ day of _____, 2004, before me personally appeared Klein L. Johnson, 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.

Notary Public, County _____
State of _____
My Commission Expires _____

Date _____, 2004

Ralph H. Johnson

State of _____)
County of _____)ss.

On this _____ day of _____, 2004, before me personally appeared Ralph H. Johnson, 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.

Notary Public, County _____
State of _____
My Commission Expires _____

Date Jan 30, 2004, 2004

Klein L. Johnson
Klein L. Johnson

State of Minnesota)
County of Hennepin)ss.

On this 30th day of January, 2004, before me personally appeared Klein L. Johnson, 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.



Colleen Sue Dupont
Notary Public, County Hennepin
State of Minnesota
My Commission Expires JAN. 31, 2005