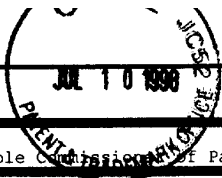


1-31-92



07-24-1998



100774026

FRT

U.S. DEPT. OF COMMERCE

Patent & Trademark Office

original documents or copy thereof.

To the Honorable Commissioner of Patents a

1. Name of conveying party(ies):

Francis J. KUB, Victor TEMPLE,

Karl HOBART, John Neilson

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

Name: Harris Corporation

Address: 2401 Palm Bay Road, N.E.

Palm Bay, FL 32905

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

3. Nature of Conveyance:

MRO  
7/10/98

- (X) Assignment ( ) Merger
- ( ) Security Agreement ( ) Change of Name
- ( ) Other \_\_\_\_\_

Execution Date: 3/25/98, 4/2/98, 4/9/98

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

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)

09/036,815

B. Patent No.(s)

Additional numbers attached? ( ) Yes (X) No

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

Name: Christopher F. Regan, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 255 S. Orange Ave.

P.O. Box 3791

City: Orlando

State: Florida Zip: 32802

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:

08-0870

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

DO NOT USE THIS SPACE

E

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.

Christopher F. Regan  
Name of Person Signing

Signature

July 7, 1998  
Date

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

PATENT

REEL: 9330 FRAME: 0762

A S S I G N M E N T

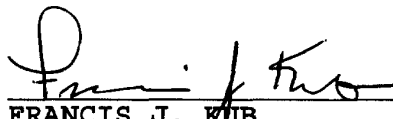
WHEREAS, **FRANCIS J. KUB** of Arnold, Maryland, and **VICTOR TEMPLE** of Clifton Park, New York, and **KARL HOBART** of Upper Marlboro, Maryland, and **JOHN NEILSON** of Norristown, Pennsylvania; hereinafter referred to as **ASSIGNORS**, have made certain improvements or inventions in a **ADVANCED METHODS FOR MAKING SEMICONDUCTOR DEVICES BY LOW TEMPERATURE DIRECT BONDING**, for which **ASSIGNORS** have executed an application for United States Letters Patent filed on March 9, 1998, in the United States Patent and Trademark Office, and assigned Serial No. 09/036,815; and

WHEREAS, **HARRIS CORPORATION**, a Delaware corporation, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the same;

NOW THEREFORE, This Indenture Witnesseth: That for good and valuable consideration, receipt whereof is hereby acknowledged, said **ASSIGNORS** do hereby sell, assign and transfer to said **ASSIGNEE**, its successors and assigns, all right, title and interest in and to said United States Patent application, the invention or inventions therein shown and described and any improvements on said inventions heretofore or hereafter made, any divisions or continuations of said application, and all patents, United States and foreign, to be granted upon any such application or for the invention or inventions thereof, and any reissues, continuations or extensions of said patents; and said **ASSIGNORS** do hereby authorize and request the Commissioner of Patents to issue all patents on said United States Patent applications or for the invention or inventions hereof, in accordance with this assignment.


And said **ASSIGNORS** for said consideration hereby covenants and agrees that said **ASSIGNORS** are the owners of the full title herein conveyed and has the right to convey the same, and agrees that said **ASSIGNORS** will communicate to said **ASSIGNEE** any facts known to said **ASSIGNORS** respecting said invention or inventions, and testify in any legal proceedings when called upon by said **ASSIGNEE**, sign all lawful papers deemed by said **ASSIGNEE** as expedient to vest in it the legal title herein sought to be conveyed or for the filing and prosecution of all applications and patents, United States and foreign, and otherwise aid said **ASSIGNEE**, its successors and assigns, in obtaining full patent protection on said invention and enforcing proper protection under said patents, but in every instance at the **ASSIGNEE'S** expense.

In Witness Whereof, I have hereunto set my hand and seal this 9<sup>th</sup> day of April, 1998.

  
FRANCIS J. KUB

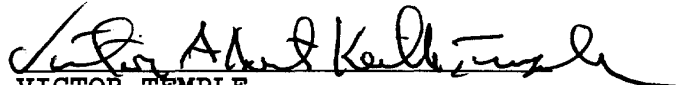
State of Maryland  
County of Charles ss.

On this 9<sup>th</sup> day of April, 1998, before me personally appeared the above-named ASSIGNOR, **FRANCIS J. KUB**, to me personally known as the individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
Notary Public  
My commission expires: 4/27/99

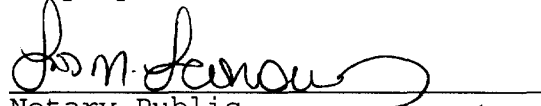
S E A L

In Witness Whereof, I have hereunto set my hand  
and seal this 25<sup>th</sup> day of March, 1998.

  
VICTOR TEMPLE

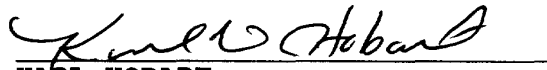
State of New York :  
County of Saratoga : ss.

On this 25<sup>th</sup> day of March, 1998,  
before me personally appeared the above-named ASSIGNOR, VICTOR  
TEMPLE, to me personally known as the individual who executed the  
foregoing assignment, and who acknowledged to me that he executed  
the same of his own free will for the purposes therein set forth.

  
Notary Public  
My commission expires: 9/12/98  
LOIS M. LEONOWICZ  
Notary Public in the State of New York  
Qualified in Saratoga County  
My Commission Expires 9/12/98

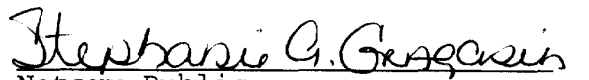
S E A L

In Witness Whereof, I have hereunto set my hand  
and seal this 9 day of April, 1998.

  
KARL HOBART

State of Maryland :  
County of Charles : ss.

On this 9<sup>th</sup> day of April, 1998,  
before me personally appeared the above-named ASSIGNOR, KARL  
HOBART, to me personally known as the individual who executed the  
foregoing assignment, and who acknowledged to me that he executed  
the same of his own free will for the purposes therein set forth.

  
Notary Public  
My commission expires: 4/27/99

S E A L

