



To the Honorable Co.

102232218

Date: September 18, 2002

Attorney Docket No. 5646-76

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Frank Matthews  
Dave MacAdam

9.23.12

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

Integrated Device Technology, Inc.  
2975 Stender Way  
Santa Clara, CA 95054

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

## 3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

Execution Date: September 11, 2002

Additional name(s) &amp; address(es) attached? Yes

FINANCE SECTION

2002 SEP 23 AM 11:35

OFFICE OF THE CLERK OF THE SUPREME COURT

4. Application Serial No. 10/205,177, filed July 25, 2002

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

Additional numbers attached? Yes No

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

D. Scott Moore  
Myers Bigel Sibley & Sajovec  
P. O. Box 37428  
Raleigh NC 27627

## 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. Deposit account number: 50-0220

DO NOT USE THIS SPACE

## 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.*

Timothy J. O'Sullivan #35,632

Name of Person Signing

Signature

September 18, 2002

Date

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

09/24/2002 DBYRNE 00000197 10205177

01 FC:581

40.00 DP

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Frank Matthews**, citizen of Ireland, residing at 11590 Dunhill Place Drive, Alpharetta, Georgia 30006; and **Dave MacAdam**, citizen of Canada, residing at 1166 Orme Circle, Atlanta, Georgia 30306

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **DATA MEMORY ADDRESS GENERATION FOR TIME-SLOT INTERCHANGE SWITCHES** for which an application for United States Letters Patent was filed on **July 25, 2002** as Application No. **10/205,177**; and

WHEREAS, **Integrated Device Technology, Inc.**, a California corporation having a principal place of business at 2975 Stender Way, Santa Clara, California 95054, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

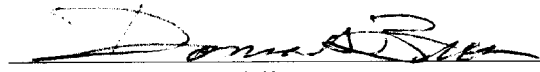
We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 11<sup>th</sup> day of September, 2002.

 (SEAL)  
**Frank Matthews**

STATE OF GEORGIA                     )  
   ) ss:  
 COUNTY OF Gwinnett                     )


Before me personally appeared Frank Matthews, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this 11 day of September, 2002.

  
 Notary Public

SEAL

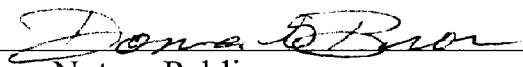
My Commission Expires: Notary Public, Gwinnett County, Georgia  
My Commission Expires June 4, 2004

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 11<sup>th</sup>  
day of September, 2002.

  
\_\_\_\_\_  
Dave MacAdam (SEAL)

STATE OF GEORGIA                    )  
  ) ss:  
COUNTY OF Gwinnett            )

Before me personally appeared Dave MacAdam, to me known to be the person  
described in and who executed the foregoing instrument, and he acknowledged to me that he  
executed the same for the purposes therein stated, this 11 day of September,  
2002.

  
\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires: Notary Public, Gwinnett County, Georgia  
My Commission Expires June 4, 2004