

06-07-2005

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To the Honorable Commis.  
thereof.

...s and Trademarks: Please record the attached original documents or copy

05-31-05

1. Name of conveying party(ies):

Mitchell G. Poplack and John A. Maher

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party:

Name: Quickturn Design Systems, Inc.

Internal Address:

Street Address: 2655 Seely Avenue

City: San Jose State: California

ZIP: 95132

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

113010 U.S. PTO  
11/141599



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3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: May 27, 2005

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: May 31 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Jeffrey A. Miller

Internal Address: Orrick, Herrington & Sutcliffe LLP

Street Address: 4 Park Plaza, Suite 1600

City: Irvine State: California ZIP: 92614

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 for any deficiency

8.  Deposit account number: 15-0665

(Attach duplicate copy of this page if paying by deposit account)

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.

Jeffrey A. Miller, Reg. No. 35,287

Name of Person Signing

Signature

May 31, 2005

Date

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

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

06/06/2005 6TON11 00000008 150665 11141599

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A S S I G N M E N T

WHEREAS, WE, Mitchell G. Poplack, A citizen of Canada, residing at 1854 Johnston Avenue, San Jose, California, 95125 and John A. Maher, a citizen of The United States of America, residing at 1541 Marcia Avenue, San Jose, California 95125 (hereinafter referred to as "ASSIGNORS"), have invented and own a certain invention entitled EXTENSIBLE MEMORY ARCHITECTURE AND COMMUNICATION PROTOCOL FOR SUPPORTING MULTIPLE DEVICES IN LOW-BANDWIDTH ASYNCHRONOUS APPLICATIONS for which application for Letters Patent of the United States of America is being executed herewith; and

WHEREAS, Quickturn Design Systems, Inc. a corporation organized and existing under and by virtue of the laws of the State of Delaware and having its principal place of business at 2655 Seely Avenue, San Jose, California 95134 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue


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said Letters Patent or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

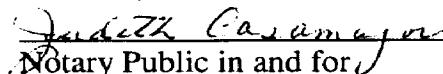
WITNESS my hand at San Jose, California, this 27 day of May, 2005.

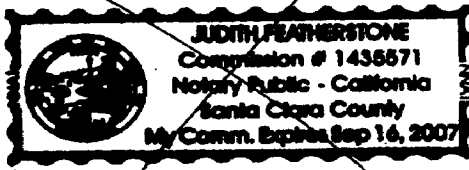
  
\_\_\_\_\_  
MITCHELL G. POPLACK

STATE OF CALIFORNIA            )  
  ) ss  
COUNTY OF SANTA CLARA    )

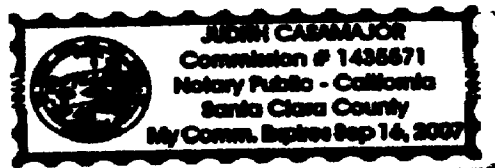
On 5-21-05 before me, Judith Casamajor, personally appeared MITCHELL G. POPLACK, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

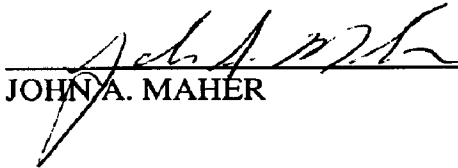
  
\_\_\_\_\_  
Notary Public in and for  
said County and State



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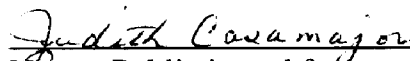
WITNESS my hand at San Jose, California, this 27 day of May, 2005.

  
\_\_\_\_\_  
JOHN A. MAHER

STATE OF CALIFORNIA        )  
  ) ss  
COUNTY OF SANTA CLARA    )

On 5-27-05 before me, Judith Casamajor, personally appeared JOHN A. MAHER, proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Notary Public in and for  
said County and State

