

12-05-2000

FORM PTO-1595
1-31-92

VER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeDocket No. **254/063****101537195**

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

1. Name of conveying party(ies):

Ming Yang Wang, Swei-Yan Shei and William C. Curtis
Additional name(s) of conveying party(ies) attached?☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: November 6, 2000

NOV 20 2000

2. Name and address of receiving party:

Name: QUICKTURN DESIGN SYSTEMS, INC.

Internal Address: _____

City: _____ State: _____ Zip: _____

Street Address: 55 West Trimble RoadCity: San Jose State: California Zip: 95131Additional name(s) & address(es) attached? ☐ Yes ☒ 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). 09/570,142

B. Patent No(s): _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: David E. Wang, Esq.Internal Address: LYON & LYON LLP

633 West Fifth Street, Suite 4700

Los Angeles, CA 90071-2066

09/57000 KZEWDTE 00000083 122475 09570142

70.58: 40.00 DP

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

\$ 40.00

☒ Enclosed☐ Charge this Deposit Account if any additional fee is required8. Deposit Account Number: 12-2475

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.

David E. Wang, Reg No. 38,358

Date: November 17, 2000Total number of pages including cover sheet: 6

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

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

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231

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

ASSIGNMENT

WHEREAS, We, MING YANG WANG, residing at 1246 Quandt Road, Lafayette, California 94549, a citizen of the United States of America, SWEY-YAN SHEI, residing at 10382 Noel Avenue, Cupertino, California 95014, a citizen of the United States, and WILLIAM C. CURTIS, residing at 36191 Toulouse Street, Newark, California 94560-1670, a citizen of the United States of America, respectively (hereinafter referred to as "ASSIGNOR"), have invented and own a certain invention entitled "EMULATION CIRCUIT WITH A HOLD TIME ALGORITHM, LOGIC ANALYZER AND SHADOW MEMORY ", for which application for Letters Patent of the United States of America were filed under Serial No. 09/570,142 on May 12, 2000, and

WHEREAS, **QUICKTURN DESIGN SYSTEMS, INC.**, a corporation organized and existing under and by virtue of the laws of the State of California and having its principal place of business at 55 West Trimble Road, San Jose, California 95131 (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 Letters 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, ASSIGNOR hereby sells, assigns, transfers and sets

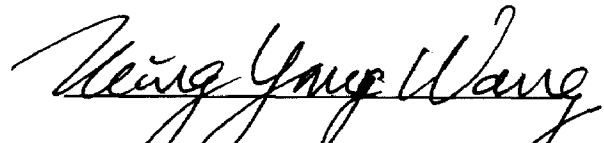
over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said invention by said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in 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 ASSIGNOR hereby authorize and requests the Commissioner of Patents and Trademarks to issue said Letters Patent and any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon request of ASSIGNEE, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or legal proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its designated legal representative any and all papers, instruments, declarations or affidavits required to apply for, obtain, maintain, issue and

enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Jose (city), CA (state), this
6th day of Nov., 2000.


Assignor: MING YANG WANG

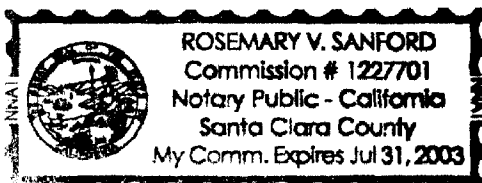
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss

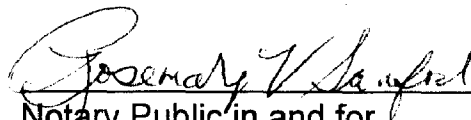
On November 6, 2000 before me, Rosemary V. Sanford, Notary Public
personally appeared MING YANG WANG personally known to me

- OR -

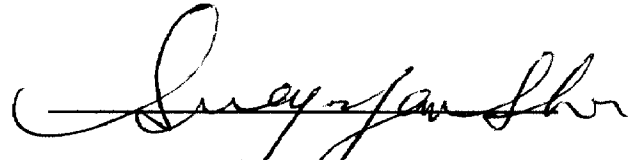
proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that
~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by
~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.




Notary Public in and for
said County and State

WITNESS my hand at San Jose (city), CA (state), this
6 day of Nov, 2000.


Assignor: SWEY-YAN SHEI

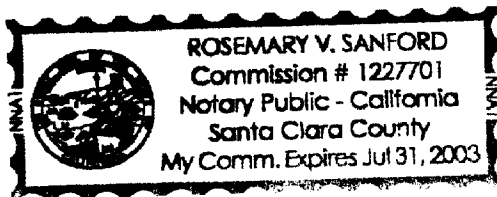
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss

On December 2000 before me, Rosemary V. Sanford, Notary Public
personally appeared SWEY-YAN SHEI personally known to me

- OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) ~~is/are~~ subscribed to the within instrument and acknowledged to me that
~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by
~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.




Notary Public in and for
said County and State

WITNESS my hand at SAN JOSE (city), CA (state), this
6 day of NOV, 2000.

Will C. Carrell

Assignor: WILLIAM C. CARRELL

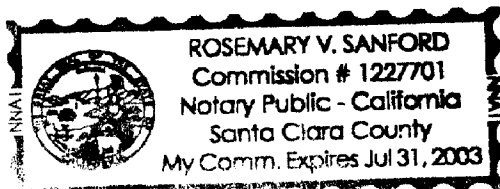
STATE OF CALIFORNIA)
COUNTY OF Santa Clara) ss

On November 6, 2000 before me, Rosemary V. Sanford, Notary Public
personally appeared WILLIAM C. CARRELL personally known to me

- OR -

proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is/are subscribed to the within instrument and acknowledged to me that
~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity(ies), and that by
~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of
which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Rosemary V. Sanford
Notary Public in and for
said County and State