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04-21-2000



FORM PTO-1595
U.S. DEPARTMENT OF COMMERCE
1-31-92

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Patent and Trademark Office

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

DEPT. OF COMMERCE
MAR 20 AM 11:36
OPER/FINANCE

1. Name of conveying party(ies):
Weidong Wang, Jonathan B. Buckheit, David W. Budd

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

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name

Execution Date: 03/02/2000

2. Name and address of receiving party(ies):
Name: Yield Dynamics, Inc.
Street Address: 2855 Kifer Road
Santa Clara, California 95051

Additional 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)
09-458 185

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Timothy W. Lohse
Internal Address: GRAY CARY WARE & FREIDENRICH
3340 Hillview Avenue
Palo Alto, California 94304

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: 07-1896
Please debit any underpayment or credit any overpayment to the above deposit account.

Our Order No. 1090439-991100

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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.

Timothy W. Lohse
Name of Person Signing

Signature

3/14/2000
Date

Total number of pages comprising cover sheet: [4]

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

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

Commissioner of Patents and Trademarks
Box Assignments
Washington, DC 20231

04/20/2000 DNGUYEN 0000032; 03458185

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Commissioner of Patents and Trademarks, BOX ASSIGNMENTS, Washington, D.C. 20231 on

March 14, 2000

Date: 3/14/00

By:
Patricia K. Parry

Gray Cary/HV\7050443.1
1090439-991100

PATENT
REEL: 010705 FRAME: 0698

ASSIGNMENT

WHEREAS, Weidong Wang, Jonathan B. Buckheit, and David W. Budd has made certain inventions or discoveries (or both) set forth in an Application for Letters Patent of the United States of America entitled SEMICONDUCTOR YIELD MANAGEMENT SYSTEM AND METHOD, the specification of which:

X was filed as application serial number 09/458,185 on December 8, 1999;

WHEREAS, Yield Dynamics, Inc., a corporation of the State of California, and whose address is 2855 Kifer Road, Santa Clara, California 95051 and who, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the entire right, title and interest together with the benefits and privileges hereinafter recited;

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation;

1. Assign, transfer and convey to Assignee the entire right, title and interest together with the benefits and privileges in and to said inventions and discoveries, said Application for Letters Patent or similar forms of protection of the United States of America, and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all provisional conversion, divisional renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said application, and any and all Letters Patent, reissues and extensions of Letters Patent or similar forms of protection granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

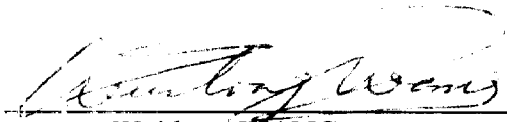
2. Authorize Assignee to file patent applications in any or all countries or groups of countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or any other relevant convention or treaty or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein, or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any rights in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Find our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonable serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee. to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing any facts of our conceptions, disclosures, and reduction to practice of said inventions or discoveries.

IN WITNESS WHEREOF:

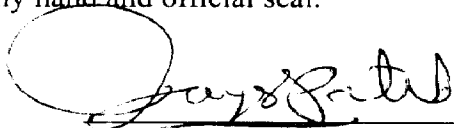


Weidong WANG

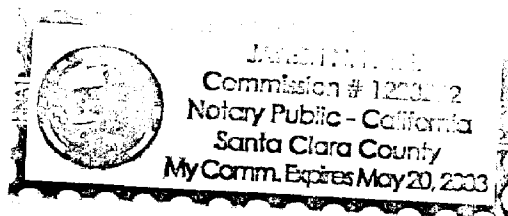
STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara

On 27th Mar 2000 before me, JAYESH N. Patel, Notary Public, personally appeared Weidong WANG, ~~personally known~~ or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed tot he within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witress my hand and official seal.



Notary Public



IN WITNESS WHEREOF:

Jonathan B. Buckheit
Jonathan B. BUCKHEIT

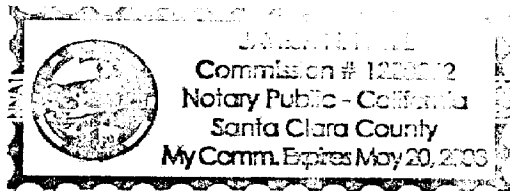
STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara

On March 2nd, 2000 before me, JAYESH N. PATEL Notary Public, personally appeared Jonathan B. Buckheit, ~~personally known~~ or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed tot he within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity and that by his/~~her~~ 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.

Jayesh Patel

Notary Public



IN WITNESS WHEREOF:

David W. Budd

David W. BUDD

STATE OF CALIFORNIA)
) ss.
COUNTY OF Santa Clara

On March 2nd, 2000 before me, JAYESH N. PATEL Notary Public, personally appeared David W. Budd, ~~personally known~~ or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed tot he within instrument and acknowledged to me that he/~~she~~ executed the same in his/~~her~~ authorized capacity and that by his/~~her~~ 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.

Jayesh Patel

Notary Public

