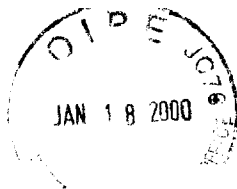


In place of Form PTO-1595



PATENT
DOCKET NUMBER: DOCKET#14737.730

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01-20-2000

MD 1-18-00

To the Honorable Commissioner of Patents and
or copy thereof:



ied original document(s)

101247338

1. Name of conveying party(ies):

Lianzhong YU
Howard D. GOLDBERG
Duli YU

2. Name and address of receiving party:

INPUT/OUTPUT, INC.
11104 West Airport Blvd., Suite 200
Stafford, Texas 77477-3061

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

3. Nature of conveyance: XXX Assignment

Execution Dates: Lianzhong Yu, Howard D. Goldberg and Duli Yu

4. Application 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):
09/406,158

B. Patent No.(s):

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

Todd Mattingly
Haynes and Boone, L.L.P.
1000 Louisiana, Suite 4300
Houston, TX 77002

**6. Total number of applications and patents
involved:** 1

7. Total fee (37 CFR 3.41): \$ 40.00

 X Enclosed
 Authorized to be charged to deposit acct.

8. Deposit account number: 08-1394
(Duplicate copy of this sheet is attached)

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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.


Todd Mattingly Reg. No. 40,298

January 14, 2000
Date

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

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Washington, D. C. 20231

D-185051.1

PATENT
REEL: 010490 FRAME: 0491

ASSIGNMENT

We,

Lianzhong Yu of Stafford, Texas,
Howard D. Goldberg of Sugarland, Texas,
and
Duli Yu of Sugarland, Texas,

have invented certain improvements in a

TEMPORARY BRIDGE FOR MICRO MACHINED STRUCTURES

and executed a United States patent application filed September 27, 1999 under U.S. Serial No. 09/406,158.

Input/Output, Inc., a Delaware corporation, having a place of business at 12300 Charles E. Selecman Drive, Stafford, Texas 77477-2416, ("I/O") desires to acquire the entire right, title, and interest in the application and invention, and to any United States and foreign patents to be obtained therefor.

Now, therefore, for valuable consideration, receipt of which we acknowledge, we acknowledge our prior existing obligation, and hereby assign to I/O, its successors and assigns, the entire right, title, and interest in the application and invention disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to I/O its successors and assigns; and we hereby agree that I/O may apply for foreign Letters Patent on the invention and we will execute all papers

necessary in connection with the United States and foreign applications when called upon to do so by I/O.

Signed and sealed:

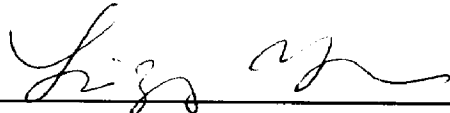
LOCATION

DATE

SIGNATURE

Stafford, TX

10/5/99


Lianzhong Yu

State of Texas

§

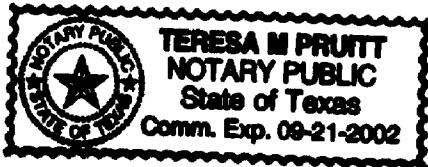
County of Fort Bend

§

On this 5th day of October, 1999, before me personally came Lianzhong Yu, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Teresa M. Pruitt
PRINTED NAME OF NOTARY


NOTARY SIGNATURE



Signed and sealed:

LOCATION

DATE

SIGNATURE

STAFFORD, TX

10/5/99

Howard D. Goldberg
Howard D. Goldberg

State of Texas

§

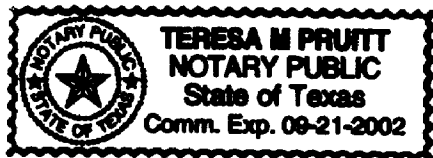
County of Fort Bend

§

On this 5th day of October, 1999, before me personally came Howard D. Goldberg, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Teresa M. Pruitt
PRINTED NAME OF NOTARY

Teresa M. Pruitt
NOTARY SIGNATURE



Signed and sealed:

LOCATION

DATE

SIGNATURE

Stafford

10/5/99

Duli Yu

State of Texas

§

County of Fort Bend

§

On this 5th day of October, 1999, before me personally came Duli Yu, to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and acknowledged to me that the execution of the same was a free act and deed.

Teresa M. Pruitt

PRINTED NAME OF NOTARY

Teresa M. Pruitt
NOTARY SIGNATURE

