

03-01-2002



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

1. Name of conveying party(ies):  
**Arjun Selvakumar; James L. Marsh;  
Howard D. Goldberg; Duli Yu;  
W. Marc Stalnaker**

2/2/02

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

3. Nature of conveyance:

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

11/14/01; 11/14/01; 11/12/01;  
Execution Date: 11/27/01; 11/12/01

2. Name and address of receiving party(ies)

Name: **INPUT/OUTPUT, INC.**

Internal Address: \_\_\_\_\_

**12300 Charles E. Selecman Drive**

**Suite 200**

Street Address: **SAME**

City: **Stafford** State: **TX** Zip: **77477**

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)  
**09/914,421, filed 8/28/01**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: **TODD A. BYNUM**

Internal Address: \_\_\_\_\_

**MADAN, MOSSMAN & SRIRAM, P.C.**

**2603 AUGUSTA, SUITE 700**

Street Address: \_\_\_\_\_

**SAME**

City: **HOUSTON** State: **TX** Zip: **77057**

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  
(any deficiency)

8. Deposit account number:

**13-0010 (IO-1015US)**

(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.*

**Todd A. Bynum, Reg. No. 39,488**

Name of Person Signing

Signature

**January 22, 2002**

Date

Total number of pages including cover sheet, attachments, and documents: **7**

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

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

03/01/2002 TDIAZ1 00000021 09914421

46.00

46.00 DP

PATENT  
REEL: 12613 FRAME: 0188

**ASSIGNMENT**

IN CONSIDERATION OF ONE (1) DOLLAR AND OTHER GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do/does hereby:

SELL, ASSIGN AND TRANSFER to **INPUT/OUTPUT, INC.**, a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at **12300 Charles E. Selecman Drive, Suite 200, Stafford, Texas 77477**, my entire right, title and interest for the United States and all foreign countries in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and is entitled "**LOW STRESS DIE ATTACHMENT**" (further identified as **U.S. Application, Serial No. 09/914,421**, filed **August 28, 2001**), such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been filed in the United States and all foreign countries on any of such inventions or improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

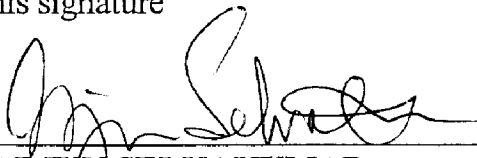
AUTHORIZE AND HEREBY REQUEST the issuing authorities to issue any and all United States and foreign patents granted on such inventions or improvements to **INPUT/OUTPUT, INC.**;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purposes of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

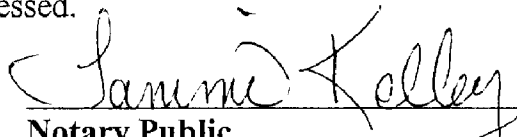
(Signature)   
 Name: **ARJUN SELVAKUMAR**

Date 11/14/01

STATE OF TEXAS                    3  
 COUNTY OF Tarrant           3



BEFORE ME, the undersigned authority, on this 14<sup>th</sup> day of November, 2001, personally appeared **Arjun Selvakumar** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

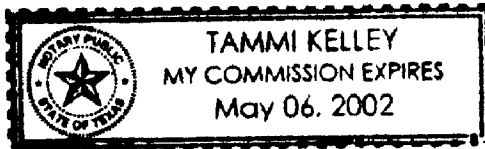
  
 Notary Public

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) *James L. Marsh*  
Name: **JAMES L. MARSH**

Date Nov. 14, 2001

STATE OF TEXAS                    )  
COUNTY OF Harris            )



BEFORE ME, the undersigned authority, on this 14<sup>th</sup> day of November 2001, personally appeared **James L. Marsh** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

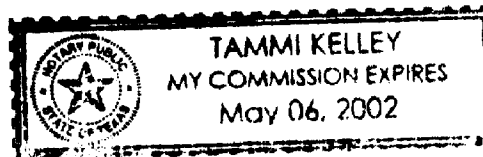
*Tammi Kelley*  
Notary Public

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) Howard D. Goldberg  
Name: **HOWARD D. GOLDBERG**

Date 11/12/2001

STATE OF TEXAS                    3  
COUNTY OF \_\_\_\_\_ 3



BEFORE ME, the undersigned authority, on this 12 day of 11, 2001, personally appeared **Howard D. Goldberg** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Tammi Kelley  
Notary Public

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) Du-li Yu  
Name: **DULI YU**

Date Nov 27, 2001

STATE OF TEXAS            )  
COUNTY OF Tarrant    )



BEFORE ME, the undersigned authority, on this 27<sup>th</sup> day of November, 2001, personally appeared **Duli Yu** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Tammi Kelley  
Notary Public

IN WITNESS WHEREOF, the undersigned has hereunto subscribed his name on the date set opposite his signature

(Signature) W Marc Stalaker  
Name: W. MARC STALNAKER

Date 11-12-01

STATE OF TEXAS                    3  
COUNTY OF \_\_\_\_\_ 3

BEFORE ME, the undersigned authority, on this \_\_\_\_\_ day of \_\_\_\_\_, 2001, personally appeared **W. Marc Stalaker** and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

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