

06-18-2002

Form PTO-1595

(Rev. 03/01)

REC

U.S. DEPARTMENT OF COMMERCE
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OMB No. 0651-0027 (exp. 5/31/2002)

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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): 6-1002

Richard E. Pearce, Jonathan W. Pearce,

Richard E. Pearce for S/N technologies, Inc.

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

5/14/02, 5/17/02,

Execution Date: 5/14/02

2. Name and address of receiving party(ies)

Name: Input/Output, Inc.

Internal Address: _____

Street Address: 12300 Parc Crest DriveCity: Stafford State: Texas Zip: 77477Additional 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) 09/635,031, 09/922,947

B. Patent No.(s)

09/923,300, 09/923,298, 09/923,301, 09/923,290Additional numbers attached? ☐ Yes ☒ No

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

Name: Chandran D. KumarInternal Address: Madan, Mossman & Sriram, PCStreet Address: 2603 Augusta, Suite 700City: Houston State: Texas Zip: 770576. Total number of applications and patents involved: 67. Total fee (37 CFR 3.41).....\$ 240.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number:

13-0010 (IO-1084US)

(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.

Chandran D. Kumar

Name of Person Signing

Chandran D. Kumar
 Signature

June 5, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 6

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

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

PATENT
 REEL: 012984 FRAME: 0646

ASSIGNMENT

IN CONSIDERATION OF TEN DOLLARS 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.**, having a place of business at **12300 PARC CREST DRIVE, STAFFORD, TEXAS 77477-2416**, the 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 applications for United States Letters Patents, which have been executed by the undersigned and that are listed in Schedule A, such applications and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be 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 United States or International 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; and

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.

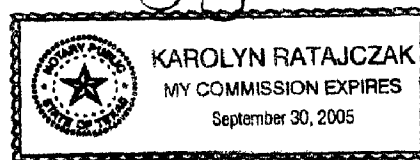
(Signature) Richard E. Pearce
Name: Richard E. Pearce

Date 5/14/02

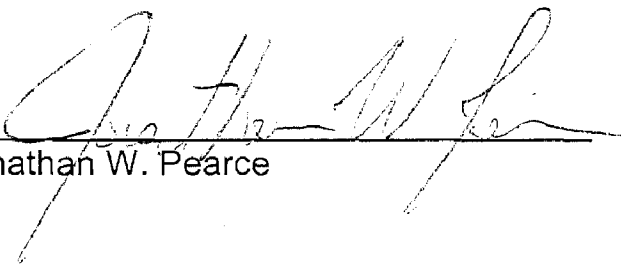
§
§

BEFORE ME, the undersigned authority, on this 14 day of May, 2002, personally appeared, **Richard E. Pearce**, the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Karolyn Ratajczak
Notary Public



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

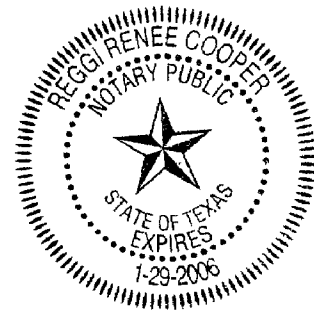
(Signature) 
Name: Jonathan W. Pearce

Date 5-17-02

§
§

BEFORE ME, the undersigned authority, on this 17 day of May, 2002, personally appeared, **Jonathan W. Pearce**, the person whose name is subscribed to the foregoing instrument 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.

S/N Technologies, Inc.

(Signature) By: Roll E. [Signature]
Name:

Date 5/14/02

§
§

BEFORE ME, the undersigned authority, on this 14th day of May, 2002, personally appeared the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

Karolyn Ratajczak
Notary Public



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SCHEDULE A**S/N TECHNOLOGIES, INC.
PATENT STATUS CHART**

Date: May 13, 2002

CRT PATENT FILE NUMBER, SERIAL NUMBER	TITLE	U.S. STATUS
5658-00100 (U.S. Serial No. 09/635,031)	A METHOD AND APPARATUS FOR A NON-OIL-FILLED TOWED ARRAY WITH A NOVEL HYDROPHONE DESIGN AND UNIFORM BUOYANCY TECHNIQUE Inventors: Richard E. Pearce	Application filed August 4, 2000. Filed Transmittal of Election & Power of Attorney October 2, 2001.
5658-00101 (U.S. Serial No. 09/922,947)	ACOUSTIC SENSOR ARRAY Inventors: Richard E. Pearce, Jonathan W. Pearce	Application filed August 6, 2001. Formal documents filed March 5, 2002.
5658-00200 (U.S. Serial No. 09/923,300)	SHEAR ISOLATED HYDROPHONE Inventors: Richard E. Pearce, Jonathan W. Pearce	Application filed August 6, 2001. Formal documents due December 4, 2001. Formal documents filed April 4, 2002.
5658-00400 (U.S. Serial No. 09/923,298)	MANUFACTURING PROCESS FOR A SOLID ACOUSTIC SENSOR ARRAY Inventors: Richard E. Pearce, Jonathan W. Pearce	Application filed August 6, 2001. Formal documents due December 4, 2001.
5658-00500 (U.S. Serial No. 09923,301)	ACOUSTIC SENSORY ARRAY Inventors: Richard E. Pearce Jonathan W. Pearce	Application filed August 6, 2001. Formal documents due December 4, 2001.
5658-00600 (U.S. Serial No. 09/923,290)	FIBER OPTIC ACOUSTIC SENSOR ARRAY Inventors: Richard E. Pearce Jonathan W. Pearce	Application filed August 6, 2001. Formal documents due December 1, 2001.