

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Richard Charles Pringle	04/30/2002
Joanna S. Quan	04/30/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Science and Applied Technology, Inc.
<b>Street Address:</b>	10815 Rancho Bernardo Rd.
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92127-2113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7184493
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)531-9168
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	801-532-1922
<b>Email:</b>	pastivers@traskbritt.com
<b>Correspondent Name:</b>	Joseph A. Walkowski
<b>Address Line 1:</b>	P.O. Box 2550
<b>Address Line 4:</b>	Salt Lake City, UTAH 84110
<b>ATTORNEY DOCKET NUMBER:</b>	2507-8617.1US
<b>NAME OF SUBMITTER:</b>	Joseph A. Walkowski

CH \$40.00 7184493

Total Attachments: 4  
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 source=AssignmentFromInventors#page3.tif



**Assignment of Invention and Patent Application**

For value received, Richard Charles Pringle,

of 13343 Willard Street  
Van Nuys, CA 91402

(hereinafter Assignor), hereby sells, assigns, transfers, and sets over unto  
Science and Applied Technology, Inc

of 10815 Rancho Bernardo Rd.  
San Diego, CA 92127-2113

and its successors or assigns (hereinafter Assignee) 100% of the following:

- (a) Assignor's right, title and interest in and to the invention entitled "**Digital Signal Gating and Pulse Sorting Apparatus and Method in a Pulse Receiver System**" invented by Assignor;
- (b) the provisional patent application for United States patent therefor, filed on February 05, 2002, serial no. 60/354,548;
- (c) any patent or reissues of any patent that may be granted thereon; and
- (d) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the spaces above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: 0% to Assignor and 100% to Assignee. (The singular shall include the plural and vice-versa herein.)

Assignor hereby further sells, assigns, transfers, and sets over unto Assignee, the above percentage of assignor's entire right, title and interest in and to said invention in each and every country foreign to the United States; and Assignor further conveys to Assignee the above percentage of all priority rights resulting from the above-identified application for United States patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, at Assignees expense, as Assignee may require to enable Assignee to perfect Assignee's interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest herein.

In testimony whereof, Assignor has hereunto signed on the date below.

Richard Pringle  
Assignor

4/30/02  
Date

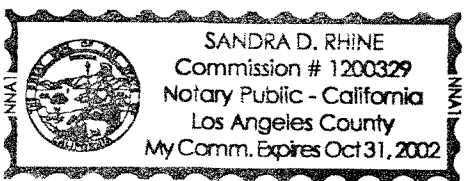
**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California  
County of Los Angeles } ss.

On April 30, 2002, before me, Sandra D. Rhine, Notary Public  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")  
personally appeared Richard C. Pringle  
Name(s) of Signer(s)

- personally known to me
- 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.



Place Notary Seal Above

WITNESS my hand and official seal.  
Sandra D. Rhine  
Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment of Invention & Patent Application

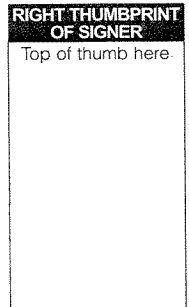
Document Date: 4/30/02 Number of Pages: 1

Signer(s) Other Than Named Above: -

**Capacity(ies) Claimed by Signer**

- Signer's Name: \_\_\_\_\_
- Individual
  - Corporate Officer — Title(s): \_\_\_\_\_
  - Partner —  Limited  General
  - Attorney in Fact
  - Trustee
  - Guardian or Conservator
  - Other: \_\_\_\_\_

Signer Is Representing: Science + Applied Tech.



## Assignment of Invention and Patent Application

For value received, Joanna S. Quan,

of 7156 Salisbury Road  
West Hills, CA 91307

(hereinafter Assignor), hereby sells, assigns, transfers, and sets over unto  
Science and Applied Technology, Inc

of 10815 Rancho Bernardo Rd.  
San Diego, CA 92127-2113

and its successors or assigns (hereinafter Assignee) 100% of the following:

- (a) Assignor's right, title and interest in and to the invention entitled "**Digital Signal Gating and Pulse Sorting Apparatus and Method in a Pulse Receiver System**" invented by Assignor;
- (b) the provisional patent application for United States patent therefor, filed on February 05, 2002, serial no. 60/354,548;
- (c) any patent or reissues of any patent that may be granted thereon; and
- (d) any applications which are continuations, continuations-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the spaces above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: 0% to Assignor and 100% to Assignee. (The singular shall include the plural and vice-versa herein.)

Assignor hereby further sells, assigns, transfers, and sets over unto Assignee, the above percentage of assignor's entire right, title and interest in and to said invention in each and every country foreign to the United States; and Assignor further conveys to Assignee the above percentage of all priority rights resulting from the above-identified application for United States patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, at Assignee's expense, as Assignee may require to enable Assignee to perfect Assignee's interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignee's interest herein.

In testimony whereof, Assignor has hereunto signed on the date below.

Joanna S. Quan  
Assignor

4/30/02  
Date

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

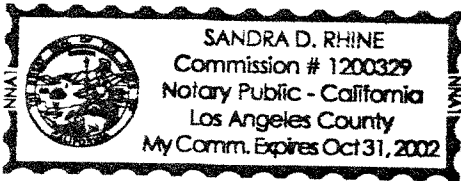
County of Los Angeles } ss.

On April 30, 2002, before me, Sandra D. Rhine, Notary Public

personally appeared Joanna S. Owan

- personally known to me
- 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.



Place Notary Seal Above

WITNESS my hand and official seal.

Sandra D. Rhine  
Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

**Description of Attached Document**

Title or Type of Document: Assignment of Invention + Patent Application

Document Date: 4/30/02 Number of Pages: 1

Signer(s) Other Than Named Above: -

**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: Science + Applied Tech.

**RIGHT THUMBPRINT OF SIGNER**

Top of thumb here

