

*mid 7-23-99*  
**RECORDED**

07-27-1999



NET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Pa

101101474

original documents or copy thereof.

1. Name of conveying part(ies):

Daniel Amrany  
Yue-Peng Zheng

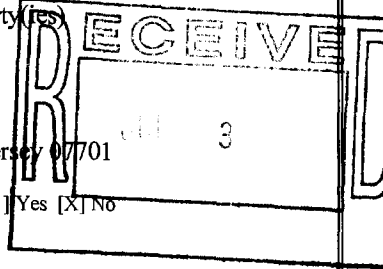
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)

Name: Globespan, Inc.

Street Address: 100 Schulz Drive  
Red Bank, New Jersey 07701

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



3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other:

Execution Date: May 25, 1999 and May 18, 1999

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)

B. Patent No.(s)

09/311,969

Additional numbers attached?  Yes  No

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

Daniel R. McClure, Esquire  
Thomas, Kayden, Horstemeyer & Risley, L.L.P.  
100 Galleria Parkway, Suite 1500  
Atlanta, Georgia 30339

6. Total number of applications/patents involved: [ 1 ]

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

Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number:

20-0778 (Any Deficiencies)  
(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.*

Daniel R. McClure  
Name of Person Signing

*Daniel R. McClure*  
Signature

July 20, 1999  
Date

Docket #: 60704-1580

Total number of pages including cover sheet, attachments, and document: [ 4 ]

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

07/27/1999 MTHA11 00000051 09321969

01 FC:581

( 40.00 OP )

**ASSIGNMENT AND AGREEMENT**

WHEREAS:

<u>Name</u>	<u>Address</u>
Daniel Amrany	Ocean Township, New Jersey
Yue-Peng Zheng	Ocean Township, New Jersey

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent entitled:

**CIRCUIT FOR COMPUTING A FAST FOURIER TRANSFORM,**

which was:

- executed on even date herewith,  
 filed with the United States Patent and Trademark Office on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_, and  
 further described in U.S. Provisional Application entitled VLSI Design for a T-Programmable Reed Solomon Decoder, filed with the United States Patent and Trademark Office on May 13, 1998, and assigned Serial No. 60/085,353.

*Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.*

WHEREAS, Globespan Semiconductor, Inc., having a business at 100 Schulz Drive, Red Bank, New Jersey 07701, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in said invention(s) and application and in any U.S. and foreign patents which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and by this agreement does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, the entire right, title and interest, for the United States of America, in and to certain inventions to said invention(s) and application and all the rights and privileges in any application and under any and all patents that may be granted in the United States for said inventions, including all continuations, continuations in part, divisionals, reissues, and reexaminations; and ASSIGNOR also concurrently hereby sells, assigns and transfers

to ASSIGNEE the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application for said patent, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the United States for said inventions.

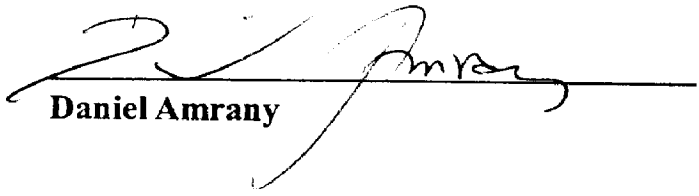
ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued ASSIGNEE in the United States and to ASSIGNEE in all countries foreign to the United States, or to such nominees as ASSIGNEE may designate.

ASSIGNOR agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of the above-referenced invention, and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR further agrees that the filing date and serial number above may be inserted on ASSIGNOR'S behalf by ASSIGNEE or its agents, if they are not known as of the date of execution of this document.

  
Daniel Amrany

Date: 5/18/99

United States of America

State of New Jersey ss:

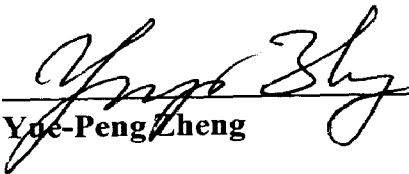
County of

On this 25<sup>th</sup> day of May, 1999, before me personally came **Daniel Amrany** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

  
Notary Public

**SUZANNE A. HURLEY**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Aug. 11, 2003**

My Commission Expires (Date)

  
Yue-Peng Zheng

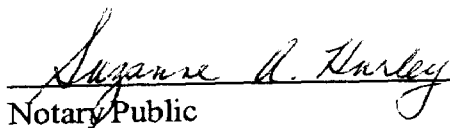
Date: 5-18-99

United States of America

State of New Jersey ss:

County of Monmouth

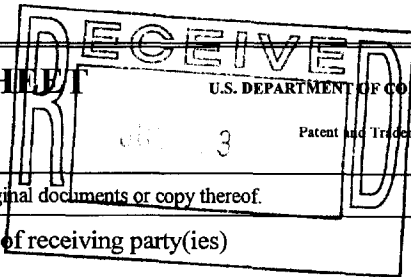
On this 18<sup>th</sup> day of May, 1999, before me personally came **Yue-Peng Zheng** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

  
Notary Public

**SUZANNE A. HURLEY**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires Aug. 11, 2003**

My Commission Expires (Date)

**RECORDATION FORM COVER SHEET  
 PATENTS ONLY**



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

1. Name of conveying part(ies):  
 Daniel Amrany  
 Yue-Peng Zheng  
 Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies)  
 Name: Globespan, Inc.  
 Street Address: 100 Schulz Drive  
 Red Bank, New Jersey 07701  
 Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other:  
 Execution Date: May 25, 1999 and May 18, 1999

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)                      B. Patent No.(s)  
 09/311,969  
 Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Daniel R. McClure, Esquire  
 Thomas, Kayden, Horstemeyer & Risley, L.L.P.  
 100 Galleria Parkway, Suite 1500  
 Atlanta, Georgia 30339

6. Total number of applications/patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit Account Number:  
 20-0778 (Any Deficiencies)  
 (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.*

Daniel R. McClure  
 Name of Person Signing

*Daniel R. McClure*  
 Signature

July 20, 1999  
 Date

Docket #: 60704-1580

Total number of pages including cover sheet, attachments, and document: [ 4 ]

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231