U.S. PTO 12/148475 Form PTO-1595 (Rev. 09/04) 04/18/2008 U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2005) United States Patent and Trademark Office 04-30-2008 REC ZIL-761-4S To the Director of the U.S. Patent and T ocuments or the new address(es) below. 103499707 1. Name of conveying party(ies)/Execution Date(s): | 2. Name and address of receiving party(ies) Name: ZiLOG, Inc. Steven M. Pope Raymond O. Chock Internal Address: Norman G. Sheridan Execution Date(s) April 15, 2008 Street Address: 6800 Santa Teresa Blvd. Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: ✓ Assignment Merger City: San Jose Security Agreement Change of Name State: California **Government Interest Assignment** Country: USA Zip: 95119 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? ☐ Yes ✓ No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 04/22/2008 HLE333 00000017 12148475 Patent Application Entitled: "PERFORMING OPTICAL RECOGNITION ON A 05 FC:8021 40.00 OP PICTURE OF A REMOTE TO IDENTIFY AN ASSOCIATED CODESET" Additional numbers attached? 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Imperium Patent Works LLP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: T. Lester Wallace Authorized to be charged by credit card 34/22 2008 HLE333 00000017 12148475 Authorized to be charged to deposit account Street Address: P.O. Box 589-00-05 ✓ Enclosed None required (government interest not affecting title) 8. Payment Information City: Sunoi a. Credit Card Last 4 Numbers State: CA Zip: 94586 Expiration Date Phone Number: (925) 862-9972 b. Deposit Account Number Fax Number: Authorized User Name Email Address: Lester@ImperiumPW.com 9. Signature: April 18, 2008 Signature T. Lester Wallace Total number of pages including cover

> Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

PATENT

sheet, attachments, and documents:

3

REEL: 020885 FRAME: 0373

U.S. PTO 12/148475 04/18/2008

Docket Number: ZIL-761-4S

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, having post office addresses that follow our names: Steven M. Pope, 207 Prince Street, CA 95032; Raymond O. Chock, 216 South 14th Street, San Jose, CA 95112; and Norman G. Sheridan, 35625 Linda Drive, Fremont, CA 94536 (herein referred to as ASSIGNORS), are joint inventors of an invention described and claimed in the specification forming part of the United States patent application entitled "PERFORMING OPTICAL RECOGNITION ON A PICTURE OF A REMOTE TO IDENTIFY AN ASSOCIATED CODESET," executed herewith;

WHEREAS, ZiLOG, Inc. (hereafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 6800 Santa Teresa Blvd., San Jose, CA 95119, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patents that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Inventor's Signature	Steven M. Pope Inventor's Printed Name	APa. 15) 200 y Date
COUNTY OF JANTA CLARA)) ss)	

day of April, 2008, before me personally came the above named Steven M. Pope, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he executed the same of his own free will

for the use and purposes therein set forth.

DAVID D. EATON Commission # 1709942 lotary Public - California Santa Clara County Comm. Expres Dec 10, 2010

My Commission Expires: 17/10/2010

Docket Number: ZIL-761-4S

Taymord O Chock Inventor's Signature	Raymond O. Chock	Apr: 15, 2008
Inventor's Signature	Inventor's Printed Name	Date
STATE OF CALIFORNIA)) SS	·
COUNTY OF SANTA CLARA	Ś	
On this day of April, 2008, before me personally known by me or proved to me on the executed the foregoing assignment, and who acknow for the use and purposes therein set forth. DAVID D. EATON Commission # 1709942 Notary Public - California	e basis of satisfactory evidence to nowledged to me that he executed NOTARY PUBLIC	be the same individual who the same of his own free will
Santa Clara County My Comm Botas Dec 10, 2010	My Commission Ex	pnes. 12/10/2010
	My Commission Ex Norman G. Sheridan Inventor's Printed Name	
My Comm. Brokes Dec 10, 2010	Norman G, Sheridan	4/15/2008

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Attachment A

Docket Number: ZIL-761-4S

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, having post office addresses that follow our names: Steven M. Pope, 207 Prince Street, CA 95032; Raymond O. Chock, 216 South 14th Street, San Jose, CA 95112; and Norman G. Sheridan, 35625 Linda Drive, Fremont, CA 94536 (herein referred to as ASSIGNORS), are joint inventors of an invention described and claimed in the specification forming part of the United States patent application entitled "PERFORMING OPTICAL RECOGNITION ON A PICTURE OF A REMOTE TO IDENTIFY AN ASSOCIATED CODESET," executed herewith;

WHEREAS, ZiLOG, Inc. (hereafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 6800 Santa Teresa Blvd., San Jose, CA 95119, is desirous of acquiring the entire right, title, and interest in and to the invention and in and to any letters patents that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said invention, said application and any and all letters patents which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues, and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty, or otherwise, said invention, application and all letters patents on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors an assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer, and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patents on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patents on said invention, for litigation regarding said letters patents, or for the purpose of protecting title to said invention or letters patents therefor.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Inventor's Signature	Steven M. Pope Inventor's Printed Name	APa: 15) 2018 Date
STATE OF CALIFORNIA).	·
COUNTY OF JANTA CLARA) ss)	
On this day of April, 2008, before personally known by me or proved to me on the executed the foregoing assignment, and who acknowledges	e basis of satisfactory evidence	to be the same individual who

DAVID D. EATON Commission # 1709942 lotary Public - California Santa Clara County My Comm. Exples Dac 10, 2010

for the use and purposes therein set forth.

My Commission Expires: 17/10/2010

Docket Number: ZIL-761-4S

Raymord O Chock	Raymond O. Chock Am: 15, 2008
inventor's signature	Inventor's Printed Name Date
STATE OF CALIFORNIA)) SS
COUNTY OF SAUTA CLARA	5
personally known by me or proved to me on the	e personally came the above named Raymond O. Chock, who is a basis of satisfactory evidence to be the same individual who owledged to me that he executed the same of his own free will My Commission Expires: 12/10/2010
·	
<u>.</u>	
· Mr	Norman G. Sheridan 4415/2538
Inventor's Signature	Inventor's Printed Name Date
STATE OF <u>CALEFORIUTA</u> COUNTY OF <u>SANTA</u> <u>CLAR</u> A)) SS
personally known by me or proved to me on the	personally came the above named Norman G. Sheridan, who is basis of satisfactory evidence to be the same individual who
executed the foregoing assignment, and who acknow for the use and purposes therein set forth.	lowledged to me that he executed the same of his own free will
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DAVID D. EATON Commission # 1709942 Notary Public - California	My Commission Expires: 12 /10 /2010
Santa Clara County MyComm. Expres Dec 10, 2010	10//0/

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RECORDED: 04/18/2008