

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Joseph Eckelman	02/15/2008
Donato O Forlenza	02/14/2008
Orazio P. Forlenza	02/14/2008
Robert B. Gass	02/15/2008
Phong T. Tran	02/14/2008
RECEIVING PARTY DATA	
Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12032655
CORRESPONDENCE DATA	
Fax Number: (845)432-9601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 845-433-1174 Email: tonicat@us.ibm.com Correspondent Name: Lynn L. Augspurger Address Line 1: 2455 South Road Address Line 2: MS P386 Address Line 4: Poughkeepsie, NEW YORK 12601	
ATTORNEY DOCKET NUMBER:	POU920070264US1
NAME OF SUBMITTER:	Toni Catucci

CH \$40.00 12032655

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PATENT
REEL: 020520 FRAME: 0891

Total Attachments: 6

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03/18 DOCKET NO. POL320070284US13

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ASSIGNMENT

Whereas, We

Inventor and City	(1) Inventor: Joseph Eckelman County of: Dutchess	of State of	Hopewell Junction New York 12533
	(2) Inventor: Donato O. Fortenza County of: Dutchess	of State of	Hopewell Junction New York 12533
	(3) Inventor: Onazio P. Fortenza County of: Dutchess	of State of	Hopewell Junction New York 12533
	(4) Inventor: Robert B. Gass County of: Travis	of State of	Pflugerville Texas 78660
	(5) Inventor: Phong T. Tran County of: Ulster	of State of	Highland New York 12528

Shareholders received certain assurances in

TITLE Automated System and Processing for Expedient Diagnosis of Broken Shift Registers Latch Chains Using JTAG

and further identified by Attorney Docket Number F089201070264US#

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION ("IBM"), a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained thereon;

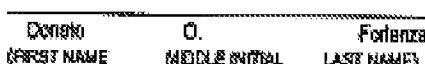
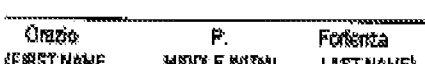
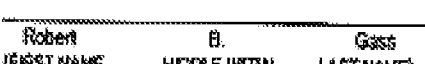
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, the above-named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue a Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Each undersigned inventor hereby grants the IEMA and the firm of the power to insert in this Assignment any further identification which may be necessary or desirable for recitation of this Assignment.

This assignment is governed by the substantive laws of the state of New York.

(IBM DOCKET NO. PCUS20070264US1)

Page 2 of 2

(1) DATE	Signed	on Feb 15, 2008				SIGNATURE
	Signature:		Joseph	E.	Eckelman	INVENTOR
			(FIRST NAME)	MIDDLE INITIAL	LAST NAME	
(2) DATE	Signed	on , 2008				SIGNATURE
	Signature:		Donato	O.	Forlenza	INVENTOR
			(FIRST NAME)	MIDDLE INITIAL	LAST NAME	
(3) DATE	Signed	on , 2008				SIGNATURE
	Signature:		Donato	P.	Forlenza	INVENTOR
			(FIRST NAME)	MIDDLE INITIAL	LAST NAME	
(4) DATE	Signed	on , 2008				SIGNATURE
	Signature:		Robert	B.	Goss	INVENTOR
			(FIRST NAME)	MIDDLE INITIAL	LAST NAME	
(5) DATE	Signed	on , 2008				SIGNATURE
	Signature:		Phong	T.	Tran	INVENTOR
			(FIRST NAME)	MIDDLE INITIAL	LAST NAME	

(IBM DOCKET NO. POU920070264US1)

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	(3) Inventor: Orazio F. Forlenza County of: Dutchess	of State of	Hopewell Junction New York 12533
	(4) Inventor: Robert B. Gass County of: Travis	of State of	Pflugerville Texas 78660
	(5) Inventor: Phong T. Tran County of: Ulster	of State of	Highland New York 12528

have invented certain improvements in

TITLE **Automated System and Processing for Expedient Diagnosis
of Broken Shift Registers Latch Chains Using JTAG**

and further identified by Attorney Docket Number POU920070264US1

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Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

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(1) DATE Signed on _____, 2008
Signature: _____

Joseph Eckelman
(FIRST NAME) (MIDDLE INITIAL) (LAST NAME)

SIGNATURE
INVENTOR

(2) DATE Signed on Feb 14, 2008
Signature: _____

Donato O. Fortenza
Donato O. Fortenza
(FIRST NAME) (MIDDLE INITIAL) (LAST NAME)

SIGNATURE
INVENTOR

(3) DATE Signed on Feb 14, 2008
Signature: _____

Onazio P. Fortenza
Onazio P. Fortenza
(FIRST NAME) (MIDDLE INITIAL) (LAST NAME)

SIGNATURE
INVENTOR

(4) DATE Signed on _____, 2008
Signature: _____

Robert B. Gass
(FIRST NAME) (MIDDLE INITIAL) (LAST NAME)

SIGNATURE
INVENTOR

(5) DATE Signed on Feb 14, 2008
Signature: _____

Phong T. Tran
Phong T. Tran
(FIRST NAME) (MIDDLE INITIAL) (LAST NAME)

SIGNATURE
INVENTOR

(IBM DOCKET NO. POU920070264US1)

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	(4) Inventor: Robert B. Goss County of: Travis	of State of	Pflugerville Texas 78660
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(2) DATE	Signed	on	, 2008	Donato	O.	Fortenza	SIGNATURE
	Signature:			(FIRST NAME	MIDDLE INITIAL	LAST NAME)	INVENTOR
(3) DATE	Signed	on	, 2008	Orazio	P.	Fortenza	SIGNATURE
	Signature:			(FIRST NAME	MIDDLE INITIAL	LAST NAME)	INVENTOR
(4) DATE	Signed	on	2/15, 2008	Robert	B.	Goss	SIGNATURE
	Signature:			(FIRST NAME	MIDDLE INITIAL	LAST NAME)	INVENTOR
(5) DATE	Signed	on	, 2008	Phong	T.	Tran	SIGNATURE
	Signature:			(FIRST NAME	MIDDLE INITIAL	LAST NAME)	INVENTOR