

U.S. PATENT AND TRADEMARK OFFICE

Form PTO-1595

U.S. Department of Commerce

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 party(ies):

A) Wiren D. Becker I) _____
 B) Bruce J. Chamberlin J) _____
 C) Gerald J. Fahr K) _____
 D) Roland Frech L) _____
 E) Dierk Kaller M) _____
 F) George Katopis N) _____
 G) Erich Klink O) _____
 H) Thomas-Michael Winkel P) _____

2. Name and address of receiving party(ies):

Name: INTERNATIONAL BUSINESS
 MACHINES CORPORATION
 Address: New Orchard Road
 Armonk, NY 10504

More names attached? Y X NMore names attached? Y X N3. Nature of Conveyance: X Assignment

4. Application number: 11/282,041 Filed: 11/17/2005
 Filed with new application: yes X no

Execution date(s):

a) 2/16/2006 i) _____
 b) 2/22/2006 j) _____
 c) 2/17/2006 k) _____
 d) 2/15/2006 l) _____
 e) 2/14/2006 m) _____
 f) 2/16/2006 n) _____
 g) 2/14/2006 o) _____
 h) 2/14/2006 p) _____

Additional numbers attached? Y X N

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

Name: Lynn L. Augspurger
 IBM Corporation
 Intellectual Property Law
 2455 South Road, P386
 Poughkeepsie, New York 12601
Fax: 845-432-9601

6. Total # of applications and patents involved: 01

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

8. Charge to Deposit Account
 09-0463 (IBM).

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.

Signature

Date

Total number of pages including cover sheet, attachments, and document: 9

Express Mail Label No.

Docket No.: DE920050075US1

PATENT

700245572

REEL: 017279 FRAME: 0315

CH \$40.00 090463 11282041

Docket No.: DE920050075US1

A S S I G N M E N T

Whereas, We

Inventor	(1) Wiren D. Becker County of Dutchess	of Hyde Park State of New York
Inventor	(2) Bruce J. Chamberlin County of Broome	of Vestal State of New York
Inventor	(3) Gerald J. Fahr County of Dutchess	of Wappingers Falls State of New York
Inventor	(4) Roland Frech Federal Republic of Germany	of Ostfildern
Inventor	(5) Dierk Kaller Federal Republic of Germany	of Schoenaich
Inventor	(6) George Katopis County of Dutchess	Poughkeepsie State of New York
Inventor	(7) Erich Klink Federal Republic of Germany	of Schoenaich
Inventor	(8) Thomas-Michael Winkel Federal Republic of Germany	of Schoenaich

have invented certain improvements in Circuit on a Printed Circuit Board
and executed, respectively, a United States patent application therefor on

(1)	Feb. 16, 2006	,	(2)	,
(3)	2/17/2006	,	(4)	,
(5)		,	(6)	,
(7)		,	(8)	,

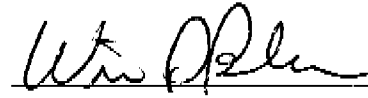
Whereas, **INTERNATIONAL BUSINESS MACHINES CORPORATION**, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM,) desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

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.

Signed

(1) at Poughkeepsie, NY
on Feb. 16, 2006

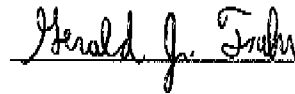


Wiren D. Becker

(2) at
on

Bruce J. Chamberlin

(3) at Poughkeepsie, NY
on 02/17/2006



Gerald J. Fahr

(4) at
on

Roland Frech

(5) at
on

Dierk Kaller

(6) at
on

George Katopis

(7) at
on

Erich Klink

(8) at
on

Thomas-Michael Winkel

Docket No.: **DE920050075US1****A S S I G N M E N T**

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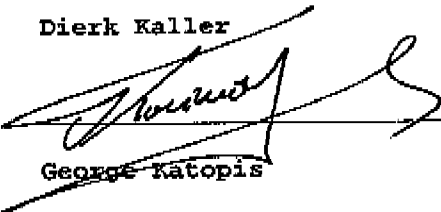
(1)	,	(2)	,
(3)	,	(4)	,
(5)	,	(6)	2/16/2006
(7)	,	(8)	.

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papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1)	at _____	_____
	on _____	Wiren D. Becker
(2)	at _____	_____
	on _____	Bruce J. Chamberlin
(3)	at _____	_____
	on _____	Gerald J. Fahr
(4)	at _____	_____
	on _____	Roland Frech
(5)	at _____	_____
	on _____	Dierk Kaller
(6)	at Poughkeepsie NY	
	on 2-16-2006	George Katopis
(7)	at _____	_____
	on _____	Erich Klink
(8)	at _____	_____
	on _____	Thomas-Michael Winkel

Docket No.: DE920050075US1

A S S I G N M E N T

Whereas, We

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Inventor	(4) Roland Frech Federal Republic of Germany	of Ostfildern
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Inventor	(6) George Katopis County of Dutchess	Poughkeepsie State of New York
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Inventor	(8) Thomas-Michael Winkel Federal Republic of Germany	of Schoenaich

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and executed, respectively, a United States patent application therefor on

(1)	,	(2) Feb 22, 2006	,
(3)	,	(4)	,
(5)	,	(6)	,
(7)	,	(8)	,

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PATENT

REEL: 017279 FRAME: 0320

papers necessary in connection with the United States and foreign applications
when called upon to do so by IBM.

Signed

(1)	at	_____	Wiren D. Becker
	on	_____	
(2)	at	Endicott, NY	<i>Bruce J. Chamberlin</i>
	on	Feb 22, 2006	Bruce J. Chamberlin
(3)	at	_____	
	on	_____	Gerald J. Fahr
(4)	at	_____	
	on	_____	Roland Frech
(5)	at	_____	
	on	_____	Dierk Kaller
(6)	at	_____	
	on	_____	George Katopis
(7)	at	_____	
	on	_____	Erich Klink
(8)	at	_____	
	on	_____	Thomas-Michael Winkel

PATENT

REEL: 017279 FRAME: 0321

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00110000

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Docket No.: DE9200500750S1

A S S I G N M E N T

Whereas, We

Inventor	(1) Wiren D. Becker County of Dutchess	of Hyde Park State of New York
Inventor	(2) Bruce J. Chamberlin County of Broome	of Vestal State of New York
Inventor	(3) Gerald J. Fahr County of Dutchess	of Wappingers Falls State of New York
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have invented certain improvements in Circuit on a Printed Circuit Board
and executed, respectively, a United States patent application therefor on

(1)	(2)
(3)	(4) 02/15/06
x (5) 02/14/06	(6)
x (7) 2/14/06	x (8) 02/14/06

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papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

(1) at

on

Wiren D. Becker

(2) at

on

Bruce J. Chamberlin

(3) at

on

Gerald J. Fahr

(4)

at

BOEBLINGEN

on

02/15/06

Roland Frech

(5)

at

Boeblingen, Germany

on

02/14/06

Dierk Kaller

(6)

at

on

George Katopis

(7)

at

BOEBLINGEN, GERMANY

on

2/14/06

Erich Klink

(8)

at

Boeblingen, Germany

on

02/14/06

Thomas-Michael Winkel