

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Gareth Geoffrey Hougham</td><td>08/23/2006</td></tr><tr><td>William Louis Brodsky</td><td>08/04/2006</td></tr><tr><td>Thomas M. Cipolla</td><td>08/25/2006</td></tr><tr><td>Paul William Coteus</td><td>08/25/2006</td></tr><tr><td>Ronald Malfatt</td><td>10/13/2006</td></tr></tbody></table>	Name	Execution Date	Gareth Geoffrey Hougham	08/23/2006	William Louis Brodsky	08/04/2006	Thomas M. Cipolla	08/25/2006	Paul William Coteus	08/25/2006	Ronald Malfatt	10/13/2006	
Name	Execution Date												
Gareth Geoffrey Hougham	08/23/2006												
William Louis Brodsky	08/04/2006												
Thomas M. Cipolla	08/25/2006												
Paul William Coteus	08/25/2006												
Ronald Malfatt	10/13/2006												
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11496153</td></tr></tbody></table>	Property Type	Number	Application Number:	11496153									
Property Type	Number												
Application Number:	11496153												
CORRESPONDENCE DATA													
Fax Number: (516)759-9512 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 516-759-7662													
Email: nyoffice@rml-law.com													
Correspondent Name: Wayne L. Ellenbogen													
Address Line 1: 90 Forest Avenue													
Address Line 2: Ryan, Mason & Lewis, LLP													
Address Line 4: Locust Valley, NEW YORK 11560													
ATTORNEY DOCKET NUMBER:	YOR920060199US1												
NAME OF SUBMITTER:	Wayne L. Ellenbogen												

CH \$40.00 11496153

500164847

PATENT
REEL: 018394 FRAME: 0178

Total Attachments: 6

source=YOR920060199US1_ASSMT#page1.tif

source=YOR920060199US1_ASSMT#page2.tif

source=YOR920060199US1_ASSMT#page3.tif

source=YOR920060199US1_ASSMT#page4.tif

source=YOR920060199US1_ASSMT#page5.tif

source=YOR920060199US1_ASSMT#page6.tif

PATENT

REEL: 018394 FRAME: 0179

ASSIGNMENT

Whereas, we

Inventor
and City

(1) **Gareth Geoffrey Hougham**
County of Westchester

of Ossining
and State of New York

(2) **William Louis Brodsky**
County of Broome

of Binghamton
and State of New York

(3) **Thomas M. Cipolla**
County of Westchester

of Katonah
and State of New York

(4) **Paul William Coteus**
County of Westchester

of Yorktown Heights
and State of New York

and (5) **Ronald Malfatt**
County of Dutchess

of Lagrangeville
and State of New York

have invented certain improvements in

TITLE

**PIN GRID ARRAY ZERO INSERTION FORCE CONNECTORS
CONFIGURABLE FOR SUPPORTING LARGE PIN COUNTS**

and executed a United States patent application therefor on

DATE THAT INVENTORS
SIGNED THE DECLARATION (1) August 23 2006 (2) _____ 2006 (3) AUG 25 2006
(4) August 25 2006 and (5) _____ 2006.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, we 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 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.

CITY
DATE

Signed
(1) at Yorktown Heights, NY
on August 23, 2006,

Gareth Geoffrey Hougham SIGNATURE
(Gareth Geoffrey Hougham) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY
DATE

Signed
(2) at _____, NY
on _____, 2006,

(William Louis Brodsky) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY
DATE

Signed
(3) at Yorktown HTS, NY
on Aug 25, 2006,

Thomas M. Cipolla SIGNATURE
(Thomas M. Cipolla) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY
DATE

Signed
(4) at Yorktown Heights, NY
on Aug 25, 2006,

Paul William Cotens SIGNATURE
(Paul William Cotens) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and
DATE

Signed
(5) at _____, NY
on _____, 2006,

(Ronald Malfatt) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

ASSIGNMENT

Whereas, we

Inventor
and City

(1) **Gareth Geoffrey Hougham**
County of Westchester

of Ossining
and State of New York

(2) **William Louis Brodsky**
County of Broome

of Binghamton
and State of New York

(3) **Thomas M. Cipolla**
County of Westchester

of Katonah
and State of New York

(4) **Paul William Coteus**
County of Westchester

of Yorktown Heights
and State of New York

and (5) **Ronald Malfatt**
County of Dutchess

of Lagrangeville
and State of New York

have invented certain improvements in

TITLE

**PIN GRID ARRAY ZERO INSERTION FORCE CONNECTORS
CONFIGURABLE FOR SUPPORTING LARGE PIN COUNTS**

and executed a United States patent application therefor on

DATE THAT (1) _____ 2006 (2) Aug 4, 2006 2006 (3) _____ 2006
INVENTORS
SIGNED THE (4) _____ 2006 and (5) _____ 2006.
DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, we 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 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
CITY (1) at _____, NY _____ SIGNATURE
DATE on _____ 2006, (Gareth Geoffrey Hougham) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY (2) at Hammond, NY William Louis Brodsky SIGNATURE
DATE on Aug 4 2006, (William Louis Brodsky) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY (3) at _____, NY _____ SIGNATURE
DATE on _____ 2006, (Thomas M. Cipolla) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY (4) at _____, NY _____ SIGNATURE
DATE on _____ 2006, (Paul William Cotaus) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Signed
CITY and (5) at _____, NY _____ SIGNATURE
DATE on _____ 2006, (Ronald Malfatt) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

ASSIGNMENT

Whereas, we

Inventor
and City

(1) **Gareth Geoffrey Hougham**
County of Westchester

of Ossining
and State of New York

(2) **William Louis Brodsky**
County of Broome

of Binghamton
and State of New York

(3) **Thomas M. Cipolla**
County of Westchester

of Katonah
and State of New York

(4) **Paul William Coteus**
County of Westchester

of Yorktown Heights
and State of New York

and (5) **Ronald Malfatt**
County of Dutchess

of Lagrangeville
and State of New York

have invented certain improvements in

TITLE

**PIN GRID ARRAY ZERO INSERTION FORCE CONNECTORS
CONFIGURABLE FOR SUPPORTING LARGE PIN COUNTS**

and executed a United States patent application therefor on

DATE THAT (1) _____ 2006 (2) _____ 2006 (3) _____ 2006
INVENTORS
SIGNED THE (4) _____ 2006 and (5) _____ 2006.
DECLARATION

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, we 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 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.

CITY Signed
DATE (1) at _____, NY _____ SIGNATURE
on _____ 2006, (Gareth Geoffrey Hougham) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY Signed
DATE (2) at _____, NY _____ SIGNATURE
on _____ 2006, (William Louis Brodsky) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY Signed
DATE (3) at _____, NY _____ SIGNATURE
on _____ 2006, (Thomas M. Cipolla) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY Signed
DATE (4) at _____, NY _____ SIGNATURE
on _____ 2006, (Paul William Coteus) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and Signed
DATE (5) at _____, NY _____ SIGNATURE
on 10-13 2006,  (Ronald Malfatt) INVENTOR
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722