

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hayden Clavie Cranford Jr.</td> <td>10/01/2004</td> </tr> <tr> <td>Louis Lu-Chen Hsu</td> <td>10/04/2004</td> </tr> <tr> <td>James Stephen Mason</td> <td>10/07/2004</td> </tr> <tr> <td>Philip Murfet</td> <td>10/07/2004</td> </tr> <tr> <td>Gareth John Nicholls</td> <td>10/07/2004</td> </tr> <tr> <td>Samuel Ray</td> <td>10/12/2004</td> </tr> </tbody> </table>		Name	Execution Date	Hayden Clavie Cranford Jr.	10/01/2004	Louis Lu-Chen Hsu	10/04/2004	James Stephen Mason	10/07/2004	Philip Murfet	10/07/2004	Gareth John Nicholls	10/07/2004	Samuel Ray	10/12/2004
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James Stephen Mason	10/07/2004														
Philip Murfet	10/07/2004														
Gareth John Nicholls	10/07/2004														
Samuel Ray	10/12/2004														
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10967756</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10967756										
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Application Number:	10967756														
CORRESPONDENCE DATA															
Fax Number:	(801)531-1929														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	801-994-4646														
Email:	Heather@utahpatentlaw.com														
Correspondent Name:	Brian C. Kunzler														
Address Line 1:	8 East Broadway, Suite 600														
Address Line 4:	Salt Lake City, UTAH 84111														
NAME OF SUBMITTER:	Brian C. Kunzler														
Total Attachments: 8															

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**PATENT
 REEL: 015649 FRAME: 0492**

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Docket No: GB920030104US1
Page 1 of 2

ASSIGNMENT

Whereas I/we

INVENTOR/CITY
COUNTY/STATE

- (1) Hayden Clavie Cranford Jr. City of Cary
County of Wake State of North Carolina
- (2) Louis Lu-Chen Hsu City of Fishkill
County of Dutchess State of New York
- (3) James Stephen Mason City of Eastleigh
County of Hampshire State of Great Britain
- (4) Philip Murfet City of Stockbridge
County of Hampshire State of Great Britain
- (5) Gareth John Nicholls City of Brockenhurst
County of Hampshire State of Great Britain
- (6) Samuel Ray City of Morgan Hill
County of Santa Clara State of California

have invented certain improvements in

TITLE

ELECTRONIC COMPONENT VALUE TRIMMING SYSTEMS

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT
INVENTOR(S)
SIGNED THE
DECLARATION

- (1) October 1, 2004 (4) _____
- (2) _____ (5) _____
- (3) _____ (6) _____

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, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Docket No: GB920030104US1

Page 2 of 2

Signed:

CITY
DATE

(1) at RTP, NC
on 10/1/04

Hayden Clavie Cranford Jr.
Hayden Clavie Cranford Jr.

(2) at _____
on _____

Louis Lu-Chen Hsu

(3) at _____
on _____

James Stephen Mason

(4) at _____
on _____

Philip Murfet

(5) at _____
on _____

Gareth John Nicholls

(6) at _____
on _____

Samuel Ray

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County of **Wake** State of **North Carolina**
- (2) **Louis Lu-Chen Hsu** City of **Fishkill**
County of **Dutchess** State of **New York**
- (3) **James Stephen Mason** City of **Eastleigh**
County of **Hampshire** State of **Great Britain**
- (4) **Philip Murfet** City of **Stockbridge**
County of **Hampshire** State of **Great Britain**
- (5) **Gareth John Nicholls** City of **Brockenbushurst**
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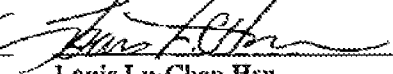
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Page 2 of 2

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CITY
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(1) at _____
on _____ Hayden Clavie Cranford Jr.

(2) at E. Fishkill, NY 
on Oct 4 2004 Louis Lu-Chen Hsu

(3) at _____
on _____ James Stephen Mason

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- (1) _____ (4) PHIL MURFET 7 Oct 2004
- (2) _____ (5) 7/10/04
- (3) JS Mason 7 Oct 04 (6) _____

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(1) at _____
on _____ Hayden Clavie Cranford Jr.

(2) at _____
on _____ Louis Lu-Chen Hsu

(3) at Winchester
on 7 October 2004 J S Mason
James Stephen Mason

(4) at WINCHESTER
on 7 October 2004 Philip Murfet
Philip Murfet

(5) at Winchester
on 7 October 2004 Gareth John Nicholls
Gareth John Nicholls

(6) at _____
on _____ Samuel Ray

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(2) _____
(3) _____

(4) _____
(5) _____
(6) October 12, 2004

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(2) at _____
on _____ **Louis Lu-Chen Hsu**

(3) at _____
on _____ **James Stephen Mason**

(4) at _____
on _____ **Phillip Murfet**

(5) at _____
on _____ **Gareth John Nicholls**

(6) at San Jose, CA
on October 12, 2004 *Samuel T Ray*
Samuel Ray