

PATENT ASSIGNMENT

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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>Giovanni Cherubini</td> <td>03/06/2008</td> </tr> <tr> <td>Roy Daron Cideciyan</td> <td>03/06/2008</td> </tr> <tr> <td>Evangelos S. Eleftheriou</td> <td>03/07/2008</td> </tr> <tr> <td>Robert Allen Hutchins</td> <td>02/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Giovanni Cherubini	03/06/2008	Roy Daron Cideciyan	03/06/2008	Evangelos S. Eleftheriou	03/07/2008	Robert Allen Hutchins	02/06/2008
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Evangelos S. Eleftheriou	03/07/2008										
Robert Allen Hutchins	02/06/2008										
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											
<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>12052688</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12052688						
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Application Number:	12052688										
CORRESPONDENCE DATA											
Fax Number:	(520)792-3426										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email:	kgood@chandlerudall.com										
Correspondent Name:	Dale F. Regelman										
Address Line 1:	4801 E. Broadway Blvd., Suite 400										
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ATTORNEY DOCKET NUMBER:	TUC920070193US1										
NAME OF SUBMITTER:	Dale F. Regelman										

CH \$40.00 12052688

Total Attachments: 2

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A S S I G N M E N T

Docket No. TUC920070193US1
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Whereas, we

- 1) **Giovanni Cherubini** of **Rueschlikon**, and Country of **Switzerland**, and
- 2) **Roy Daron Cideciyan** of **Rueschlikon**, and Country of **Switzerland**, and
- 3) **Evangelos S. Eleftheriou** of **Rueschlikon**, and Country of **Switzerland**, and
- 4) **Robert Allen Hutchins** of **Tucson**, County of **Pima** and State of **Arizona**,

having invented certain improvements in

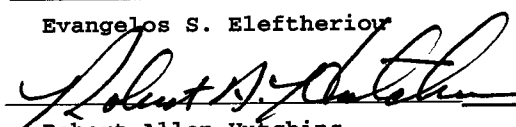
ERROR CORRECTION CODING OF LONGITUDINAL POSITION INFORMATION

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

- | | |
|-----------------|-----------------------------|
| (1) _____, 2008 | (2) _____, 2008 |
| (3) _____, 2008 | (4) <u>2/6/2008</u> , 2008. |

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, 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 in all 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.

- | | |
|---|--|
| (1) at Rueschlikon, CH on _____, 2008; | _____ |
| | Giovanni Cherubini |
| (2) at Rueschlikon, CH on _____, 2008; | _____ |
| | Roy Daron Cideciyan |
| (3) at Rueschlikon, CH on _____, 2008; | _____ |
| | Evangelos S. Eleftheriou |
| (4) at Tucson, AZ on <u>2/6/2008</u> , 2008. |  |
| | Robert Allen Hutchins |

A S S I G N M E N T

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Page 1 of 1

Whereas, we

- 1) Giovanni Cherubini of Rueschlikon, and Country of Switzerland, and
- 2) Roy Daron Cideciyan of Rueschlikon, and Country of Switzerland, and
- 3) Evangelos S. Eleftheriou of Rueschlikon, and Country of Switzerland, and
- 4) Robert Allen Hutchins of Tucson, County of Pima and State of Arizona,

having invented certain improvements in

ERROR CORRECTION CODING OF LONGITUDINAL POSITION INFORMATION

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

- | | |
|------------------------|---------------------------|
| (1) <u>6/3/</u> , 2008 | (2) <u>March 6</u> , 2008 |
| (3) <u>7/3/</u> , 2008 | (4) _____, 2008. |

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, 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 in all 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.

- | | |
|--|---|
| (1) at Rueschlikon, CH on <u>6/3/</u> , 2008; | <u>Giovanni Cherubini</u>
Giovanni Cherubini |
| (2) at Rueschlikon, CH on <u>March 6</u> , 2008; | <u>Roy Daron Cideciyan</u>
Roy Daron Cideciyan |
| (3) at Rueschlikon, CH on <u>March 7</u> , 2008; | <u>Evangelos S. Eleftheriou</u>
Evangelos S. Eleftheriou |
| (4) at Tucson, AZ on _____, 2008. | _____
Robert Allen Hutchins |

PATENT