

PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Adrian Philip Wise</td><td>04/23/1996</td></tr><tr><td>Nicholas Birch</td><td>04/15/1996</td></tr><tr><td>Colin Smith</td><td>04/15/1996</td></tr><tr><td>Anthony Claydon</td><td>04/15/1996</td></tr><tr><td>Andrew Kuligowski</td><td>04/15/1996</td></tr><tr><td>William P. Robbins</td><td>04/15/1996</td></tr><tr><td>Donald Patterson</td><td>04/15/1996</td></tr><tr><td>David Andrew Barnes</td><td>04/18/1996</td></tr><tr><td>Kevin Douglas Dewar</td><td>04/18/1996</td></tr><tr><td>Mark Barnes</td><td>04/24/1996</td></tr><tr><td>Anthony Mark Jones</td><td>05/08/1996</td></tr><tr><td>Martin William Sotheran</td><td>05/30/1996</td></tr><tr><td>Helen Rosemary Finch</td><td>04/24/1996</td></tr></tbody></table>		Name	Execution Date	Adrian Philip Wise	04/23/1996	Nicholas Birch	04/15/1996	Colin Smith	04/15/1996	Anthony Claydon	04/15/1996	Andrew Kuligowski	04/15/1996	William P. Robbins	04/15/1996	Donald Patterson	04/15/1996	David Andrew Barnes	04/18/1996	Kevin Douglas Dewar	04/18/1996	Mark Barnes	04/24/1996	Anthony Mark Jones	05/08/1996	Martin William Sotheran	05/30/1996	Helen Rosemary Finch	04/24/1996
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RECEIVING PARTY DATA																													
<table border="1"><tr><td>Name:</td><td>Discovision Associates</td></tr><tr><td>Street Address:</td><td>2355 Main Street</td></tr><tr><td>Internal Address:</td><td>Suite 200</td></tr><tr><td>City:</td><td>Irvine</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92714</td></tr></table>		Name:	Discovision Associates	Street Address:	2355 Main Street	Internal Address:	Suite 200	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92714																
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PROPERTY NUMBERS Total: 1																													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>5829007</td></tr></tbody></table>		Property Type	Number	Patent Number:	5829007																								
Property Type	Number																												
Patent Number:	5829007																												
CORRESPONDENCE DATA																													
Fax Number: (949)760-9502																													

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PATENT  
REEL: 026593 FRAME: 0145

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 951-781-9231  
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Correspondent Name: Knobbe Martens Olson & Bear, LLP  
Address Line 1: 2040 Main Street  
Address Line 2: 14th Floor  
Address Line 4: Irvine, CALIFORNIA 92614

ATTORNEY DOCKET NUMBER:	KM0920.7CPDPD11
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NAME OF SUBMITTER:	Russell M. Jeide
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**Total Attachments: 21**

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## ASSIGNMENT OF APPLICATION AND PATENT

WHEREAS, we,

Nicholas Birch  
71 Broan Down Ave  
Henleaze, Bristol BS9 4JB  
United Kingdom  
Citizenship: British

Colin Smith  
34 Parksfield Gardens  
Bishop Sutton, Bristol BS18 4XF  
United Kingdom  
Citizenship: British

William Philip Robbins  
19 Springhill  
Cam, Glouc. GL11 5PE  
United Kingdom  
Citizenship: British

Anthony Peter John-Claydon  
14 Sydney Buildings  
Bath, Avon BA2 6BZ  
United Kingdom  
Citizenship: British

Donald William W. Patterson  
12 Blenheim Road  
Redland, Bristol BS6 7JW  
United Kingdom  
Citizenship: British

Andrew Peter Kuligowski  
1st Floor Flat, 87 Alma Rd  
Clifton, Bristol BS8 2DJ  
United Kingdom  
Citizenship: British

Adrian Philip Wise  
1775 Milmont Ave #B105  
Milpitas, California 95035  
United States  
Citizenship: British

Kevin Douglas Dewar  
Stone Park, Ballyallia  
Ennis, Co Clare  
Republic of Ireland  
Citizenship: British

Anthony Mark Jones  
Nijmeegsebaan 45  
6564 CB Nijmegen  
Hielig Land Stichting  
Nijmegen, Nederlands  
Citizenship: British

David Andrew Barnes  
47 Longs View - Charfield  
near Wotton-Under-Edge  
Gloucestershire GL12 8HZ  
United Kingdom  
Citizenship: British

Martin William Sotheran  
The Ridings, Wick Lane  
Stinchcombe, Glouc. GL11 6BD  
United Kingdom  
Citizenship: British

Helen Rosemary Finch  
Tyley, Coombe  
Wotton-Under-Edge  
Gloucestershire GL12 7ND  
United Kingdom  
Citizenship: British

Mark Barnes  
16 The Close, Kingston St Michael  
Chippenham, Wilt. SN14 6LB  
United Kingdom  
Citizenship: British

have invented a certain new and useful VIDEO DECOMPRESSION, for which we have made application for Letters Patent of the United States under Serial No. 08/473,813 deposited in the U.S. Patent and Trademark Office on June 7, 1995 under Attorney Docket No. PDDD P941014(GB)US;


WHEREAS, Discovision Associates, a California Partnership duly organized and existing under and by virtue of the laws of the State of California, and having a place of business at 2355 Main Street, Suite 200, Irvine, California 92714, is desirous of acquiring the entire interest in and to said invention and the Letters

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to us in hand paid, the receipt of which is hereby acknowledged, we, said Anthony Peter John Claydon, William Philip Robbins, Colin Smith, Nicholas Birch, Donald William W. Patterson, Andrew Peter Kuligowski, Mark Barnes, Helen Rosemary Finch, Martin William Sotheran, David Andrew Barnes, Anthony Mark Jones, Kevin Douglas Dewar, and Adrian Philip Wise have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Discovision Associates, the whole right, title, and interest in and to said VIDEO DECOMPRESSION and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from the aforesaid application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from the aforesaid United States patent application as prepared for and filed in any and all foreign countries, said whole right, title, and interest in and to said VIDEO DECOMPRESSION being the same for said Discovision Associates' own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee Discovision Associates, its assigns, successors, and legal representatives, that we have full right to sell and assign the entire interest in and to said invention and the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee Discovision Associates, its assigns, successors, and legal representatives to fully cooperate therewith in prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Discovision Associates, as the assignee of our entire right and title therein.

In Testimony Whereof, we have hereunto set our hand and seal, this \_\_\_\_\_ day of \_\_\_\_\_ 1996.

  
\_\_\_\_\_  
Adrian Philip Wise L.S.  
Date: 23 April 1996

\_\_\_\_\_  
Nicholas Birch L.S.  
Date: \_\_\_\_\_

NOW THEREFORE, to all whom it may concern, be it known, that for good and valuable consideration, to us in hand paid, the receipt of which is hereby acknowledged, we, said Anthony Peter John Claydon, William Philip Robbins, Colin Smith, Nicholas Birch, Donald William W. Patterson, Andrew Peter Kuligowski, Mark Barnes, Helen Rosemary Finch, Martin William Sotheran, David Andrew Barnes, Anthony Mark Jones, Kevin Douglas Dewar, and Adrian Philip Wise have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over unto said Discovision Associates, the whole right, title, and interest in and to said VIDEO DECOMPRESSION and any and all improvements disclosed in the aforesaid application for patent, as fully set forth and described therein, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent derived from the aforesaid application which have been or shall be filed in the United States and in and to the United States Letters Patent to be issued thereon for the territory of the United States, and all corresponding foreign counterpart applications derived from the aforesaid United States patent application as prepared for and filed in any and all foreign countries, said whole right, title, and interest in and to said VIDEO DECOMPRESSION being the same for said Discovision Associates' own use and for the use of its assigns, successors, and legal representatives to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

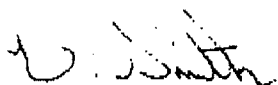
And we, for ourselves, our heirs, assigns, and legal representatives hereby covenant to and with said assignee Discovision Associates, its assigns, successors, and legal representatives, that we have full right to sell and assign the entire interest in and to said invention and the Letters Patent to be had therefor and that the entire interest herein conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance whatsoever. And we also, for ourselves, our heirs, assigns, and legal representatives hereby further covenant to and with said assignee Discovision Associates, its assigns, successors, and legal representatives to fully cooperate therewith in prosecution of the aforesaid application in the United States Patent and Trademark Office and in any and all foreign jurisdictions, said cooperation including the execution of additional declarations, assignments, and other formal documents as may be required in connection therewith.

And we do hereby authorize and request the United States Commissioner of Patents to issue Letters Patent to said Discovision Associates, as the assignee of our entire right and title therein.

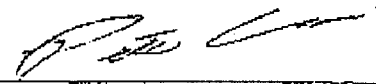
In Testimony Whereof, we have hereunto set our hand and seal, this \_\_\_\_ day of \_\_\_\_\_ 1996.

\_\_\_\_\_  
Adrian Philip Wise L.S.  
Date: \_\_\_\_\_

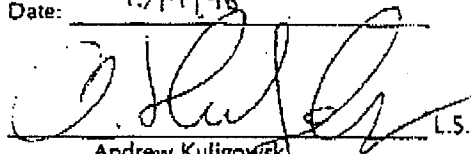
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Nicholas Birch L.S.  
Date: 5 APR 1996

  
Colin Smith L.S.

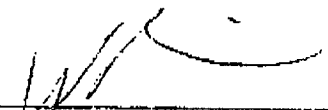
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Anthony Claydon L.S.

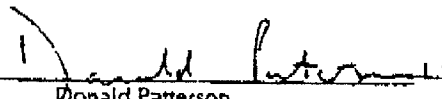
Date: 15/4/96

  
Andrew Kuligowski L.S.

Date: 15/4/96

  
William P. Robbins L.S.

Date: 15 APR 96

  
Donald Patterson L.S.

Date: 15 APRIL 96

PDDD P941014(GB)US

PATENT

DAS Barnes L.S.  
David Andrew Barnes

Date: 18<sup>th</sup> April 1996

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PATENT  
REEL: 8422 FRAME: 0388

PATENT  
REEL: 026593 FRAME: 0151

Kevin Douglas Dewar L.S.  
Kevin Douglas Dewar

Date: 18<sup>th</sup> April 1996



PDDD P941014(GB)US

PATENT

Mark Barnes L.S.  
Mark Barnes  
Date: 24/4/96

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PATPROSE/PDD/P941014(GB)US/INTAS SIG

PATENT  
REF: 8422 EP AMT: 0200

PATENT  
REEL: 026593 FRAME: 0153

PDDD P941014(GB)US

PATENT

Anthony Mark Jones

L.S.

Date: 8 May 1996

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PATENT

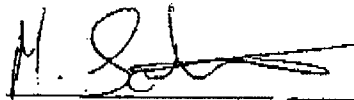
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PATENT

REEL: 026593 FRAME: 0154

PDDD P941014(GB)US

PATENT



\_\_\_\_ L.S.

Martin William Sotheran

Date: 30<sup>th</sup> MAY 1996.

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PATENT


REEL: 8422 FRAME: 0392

PATENT

REEL: 026593 FRAME: 0155

PDDD P941014(GB)US

PATENT

  
\_\_\_\_\_  
Helen Rosemary Finch L.S.  
Date: 24th April 1976

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PATENT  
REEL: 8422 FRAME: 0393

PATENT  
REEL: 026593 FRAME: 0156

## ASSIGNMENT

THIS ASSIGNMENT is made the 17<sup>th</sup> day of April 1996 between Pioneer Digital Design Center Ltd of Stanway House, Almondsbury Business Center, Woodlands, Almondsbury, Bristol BS124QH, Great Britain, a company organized and existing under the laws of England (hereinafter "the Assignor") of the one part, and Discovision Associates of 2355 Main Street, Suite 200, Irvine, California 92714, United States of America, a California Partnership (hereinafter "the Assignee") of the other part.

### WHEREAS

1. The invention, entitled VIDEO DECOMPRESSION, and described in United States Patent Application No. 08/473,813 (hereinafter referred to as "the Application") which was filed at the United States Patent Office on June 7, 1995 belongs to the Assignor.

2. The Assignor has agreed to assign the Application to the Assignee for the consideration hereinafter set forth.

### NOW THIS ASSIGNMENT WITNESSETH AS FOLLOWS:

A. In pursuance of the agreement between the parties and in consideration of the sum of One United States Dollar (\$1) paid by the Assignee to the Assignor (the receipt whereof the Assignee hereby acknowledges) the Assignor hereby assigns to the Assignee with full title guarantee the Application the right, title, and interest in the Application and the invention disclosed therein and all rights, powers, privileges, and immunities arising or accruing therefrom including the right to any divisional and foreign patent applications or similar or other protection (such as utility models) to the intent that the grant of a patent pursuant to the Application and any rights pursuant to the divisional and foreign patent applications or similar or other protection shall be in the name of and shall vest in the Assignee to hold unto the Assignee absolutely.

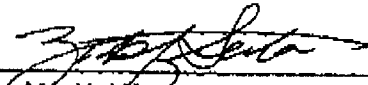
B. At the request and cost of the Assignee the Assignor shall assist the prosecution of the Application to grant and will execute all such documents and do all such acts as may be necessary or proper to obtain the acceptance of the Application and for procuring the grant of a patent or similar or other protection pursuant to the Application in the name of the Assignee.

PDDD P941014(GB)US

IN WITNESS whereof the parties have set their respective hands on the day and year first above written.

SIGNED:

FOR AND ON BEHALF OF: Pioneer Digital Design Centre, Ltd.

By:   
Mr. Yukifusa Seita

Position: Managing Director

WITNESS: C J Hood

Signed: 

SIGNED:

FOR AND ON BEHALF OF: DiscoVision Associates

By: 

Position: 

WITNESS: \_\_\_\_\_

Signed: \_\_\_\_\_

P:\PATPROS\PODS\1014-1026\US\POD-590.rvt

ACKNOWLEDGEMENT ASSIGNMENT AND UNDERTAKING

TO:

WE: Adrian Philip Wise, Kevin D Dewar, Anthony Mark Jones, Martin William Sotheran, Colin Smith, Helen Rosemary Finch, Anthony Peter John Claydon, Donald William W. Patterson, Mark Barnes, Andrew Peter Kuligowski, William P. Robbins, Nicholas Birch, David Andrew Barnes

(all) of: British citizenship

inventors of the invention identified in your books and those of your patent agents  
as VIDEO DECOMPRESSION

EACH ACKNOWLEDGE

(1) that the invention was made in the course of my normal duties as your employee or in the back of duties falling outside my normal duties, but specifically assigned to me, and the circumstances were such that an invention might reasonably be expected to result from the carrying out of my duties or that the invention was made in the course of my duties and, at the time of making the invention, because of the nature of my duties and the particular responsibilities arising from the nature of our duties I had a special obligation to further the interests of your undertaking and;

(2) that the above identified invention belongs to you, and

(3) that you are exclusively entitled to any rights I may have as inventor to apply for or secure the grant in or outside the United States or other protection for such Patent or other protection by virtue of the circumstances set forth above.

Now in consideration of the sum of \$1, receipt whereof I hereby acknowledge, I HEREBY ASSIGN the rights specified under (3), if any, to you absolutely.

WE HEREBY UNDERTAKE that at your request and cost WE will execute all such documents and do all such things as may be necessary or convenient for

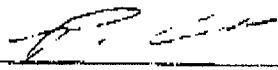
Page 1

PATENT  
REEL: 8422 FRAME: 0394

PATENT  
REEL: 026593 FRAME: 0159

PDDD P941014(GB)US


obtaining the grant of a United States Patent or Patents or corresponding protection elsewhere in respect of the invention and for vesting the invention and all rights pertaining to it as you may direct.

Signed:   
Anthony Peter John Claydon

Date: 15-APR-96

Signed:   
William Philip Robbins

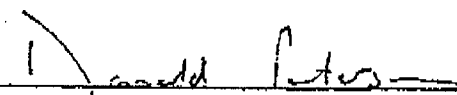
Date: 15-APR-96

Signed:   
Colin Smith

Date: 15th APRIL 1996

Signed:   
Nicholas Birch

Date: 15 APRIL 1996

Signed:   
Donald William W. Patterson

Date: 15 APRIL 96

Signed:   
Andrew Peter Kuligowski

Date: 15/4/96

Page 2

PATENT  
REF: 8422 FRAME: 0395

PATENT  
REEL: 026593 FRAME: 0160



PDDD P941014(GB)US

PATENT

Signed: \_\_\_\_\_

*APW*  
Adrian Philip Wise

Date: \_\_\_\_\_

23 April 1996

Page 3

PATENT

REEL: 8422 FRAME: 0396

PATENT

REEL: 026593 FRAME: 0161

PDDD P941014(GB)US

PATENT

Signed: Kevin Douglas Dewar  
Kevin Douglas Dewar

Date: 18<sup>th</sup> April 1996

Page 4

PATENT  
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PATENT  
REEL: 026593 FRAME: 0162

Signed: Anthony Mark Jones  
Anthony Mark Jones

Date: 8 May 1996

PDDD P941014(GB)US

PATENT

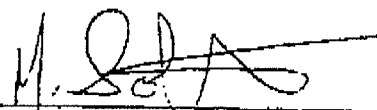
Signed: DABarnes  
David Andrew Barnes

Date: 18<sup>th</sup> April 1996

Page 6

PATENT  
REEL: 8422 FRAME: 0399


PATENT  
REEL: 026593 FRAME: 0164

Signed:   
Martin William Sotheran  
Date: 30<sup>th</sup> MAY 1996

PDDD P941014(GB)US

PATENT

Signed: \_\_\_\_\_

  
Helen Rosemary Finch

Date: \_\_\_\_\_

26th April 1996.

Page 8

PATENT

REEL: 8422 FRAME: 0401

PATENT

REEL: 026593 FRAME: 0166

PDDD P941014(GB)US

PATENT

Signed: Mark Barnes  
Mark Barnes

Date: 24/4/96

PATPROSE/PDD/P941014-11GB/US/ACK/SSO NMT

Page 9

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REEL: 8422 FRAME: 0402