

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Viacell, Inc.	09/24/2010

RECEIVING PARTY DATA

Name:	Viacord, LLC
Street Address:	245 First Street
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02142

PROPERTY NUMBERS Total: 11

Property Type	Number
Patent Number:	5674750
Patent Number:	5925567
Patent Number:	6338942
Patent Number:	6429012
Patent Number:	7452529
Application Number:	12273377
Application Number:	09698893
Application Number:	12778006
Application Number:	10583684
Application Number:	11587764
Application Number:	11915660

CORRESPONDENCE DATA

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OP \$440.00 5674750

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PATENT
REEL: 025026 FRAME: 0813

Email: linda.byrnes@perkinelmer.com
Correspondent Name: Pamela M Guy
Address Line 1: 940 Winter Street
Address Line 2: PerkinElmer Inc.
Address Line 4: Waltham, MASSACHUSETTS 02451

ATTORNEY DOCKET NUMBER:

VIACORD, LLC

NAME OF SUBMITTER:

Pamela M. Guy

Total Attachments: 7

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ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	State of Incorporation	Business Address
Viacell, Inc.	Massachusetts	245 First Street Cambridge, MA 02142

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
Viacord, LLC	Massachusetts	245 First Street Cambridge, MA 02142

and to its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more patents and applications listed on Schedule A, which is attached hereto.

This assignment includes the patents and applications listed in the attached Schedule A, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of any of the patents and applications listed in the attached Schedule A under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment. This assignment also includes the right to sue for past acts of infringement, whether based on any patents listed herein, patents issuing from applications listed herein, or provisional rights from any patent applications listed herein.

IN WITNESS WHEREOF, I hereto set my hand and seal at Walton Ma
this 24 day of September, 2010

Viacell, Inc.

Name: Joseph Henry

Title: Director, V.P. and Secretary

STATE OF Ma

COUNTY OF Waltham

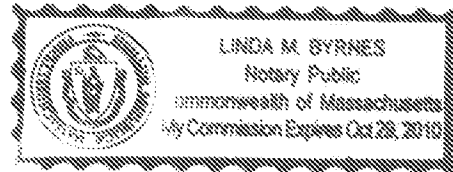
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Before me this 24 day of September, 2010 before me, the undersigned notary public, personally appeared Viacell, Inc. proved to me through satisfactory evidence of identification, which consisted of Real ID, to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Linda M. Byrnes
Notary Public

My Commission Expires

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at Waltham, Ma
this 24 day of September, 2010

Viacord, LLC

Name:

Title:

John C. Healy
Director V.P. and Secretary

STATE OF Ma

COUNTY OF Middlebury

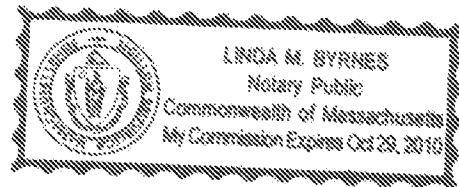
ISS.

On this 24 day of September, 2010, before me, the undersigned notary public,
personally appeared Viacord, LLC, proved to me through satisfactory evidence of identification, which
consisted of John C. Healy, to be the person whose name is subscribed to the
foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for
the purposes therein contained.

Linda M. Byrnes
Notary Public

My Commission Expires:

[Notary's Seal Here]



Schedule A (Page 1 of 4)

Title	Country	First Named Inventor	Application No.	Filed	Patent No.	Issued
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	AU	Morey Kraus	48521/97	19-Dec-1997	711528	27-Jan-2000
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	AU	Morey Kraus	10961/00	12-Jan-2000	752575	23-Jan-2003
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	AU	Morey Kraus	2002325408	12-Jan-2000	2002325408	12-May-2005
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	CA	Morey Kraus	2 221,423	18-Nov-1997		
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	CA	Morey Kraus	2 221,523	17-May-1998		
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	EP	Morey Kraus	98914894.3	17-May-1998		
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	JP	Morey Kraus	8-535103	17-May-1998		
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	US	Morey Kraus	08/446,185	15-May-1998	5,674,750	7-Oct-1997
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	US	Morey Kraus	08/944,755	08-Oct-1997	5,925,547	20-Jul-1999
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	US	Morey Kraus	09/290,712	12-Apr-1999	5,308,940	15-Jan-2002
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	US	Morey Kraus	09/872,113	05-Oct-2001		
SELECTIVE EXPANSION OF TARGET CELL POPULATIONS	WO	Morey Kraus	PCT/US1996/07195	17-May-1996		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	EP	Morey Kraus	99942422.9	24-Aug-1999		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	EP	Morey Kraus	02078406.2	24-Aug-1999		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	HK	Morey Kraus	03193985.5	24-Aug-1999		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	JP	Morey Kraus	2000-565398	24-Aug-1999		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	US	Morey Kraus	09/138,926	24-Aug-1998		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	US	Morey Kraus	09/591,196	09-Jun-2000	6,429,012	8-Aug-2002
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	US	Morey Kraus	10/166,028	05-Jun-2002		
CELL POPULATION CONTAINING NON-FETAL HEMANGIOBLASTS AND METHOD FOR PRODUCING SAME	WO	Morey Kraus	PCT/US1999/19159	24-Aug-1999		

Schedule A (Page 2 of 4)

Title	Country	First Named Inventor	Application No.	Filed	Patent No.	Issued
MODULATION OF PRIMARY STEM CELL DIFFERENTIATION	US	Morey Kraus	60/282,973	10-Apr-2001		
MODULATION OF PRIMARY STEM CELL DIFFERENTIATION	US	Morey Kraus	09/862,026	24-Sep-2001	6,841,586	11-Jan-2005
MODULATION OF PRIMARY STEM CELL DIFFERENTIATION	WO	Morey Kraus	PCT/US2002/11215	10-Apr-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	AU	Robert H. Brown	2002327301	25-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	BR	Robert H. Brown	PI0211400-3	23-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	CA	Robert H. Brown	2,455,726	25-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	CN	Robert H. Brown	02618640.0	23-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	EP	Robert H. Brown	02763523.9	25-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	HU	Robert H. Brown	PC501108	25-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	IL	Robert H. Brown	169950	25-Jan-2004		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	JP	Robert H. Brown	2003-516249	23-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	MX	Robert H. Brown	04-090789	23-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	PL	Robert H. Brown	P367979	23-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	SG	Robert H. Brown	200400462-4	23-Jul-2002		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	US	Robert H. Brown	60/307,227	25-Jul-2001		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	US	Robert H. Brown	10/201,508	23-Jul-2002	7,452,529	18-Nov-2006
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	US	Robert H. Brown	12/273,377	18-Nov-2006		
TREATMENT OF MUSCULAR DYSTROPHY WITH CORD BLOOD CELLS	WO	Robert H. Brown	PCT/US2002/23368	23-Jul-2002		

Schedule A (Page 3 of 4)

Title	Country	First Named Inventor	Application No.	Filed	Patent No.	Issued
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	AU	Morey Kraus	2002225964	25-Oct-2001		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	CA	Morey Kraus	2,426,802	25-Oct-2001		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	CN	Morey Kraus	01819693.4	25-Oct-2001		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	EP	Morey Kraus	01968589.6	25-Oct-2001		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	JP	Morey Kraus	2002-537323	25-Oct-2001		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	US	Morey Kraus	09/698,893	27-Oct-2000		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	US	Morey Kraus	12/778,066	11-May-2010		
METHODS FOR IMPROVING CENTRAL NERVOUS SYSTEM FUNCTIONING	WO	Morey Kraus	PCT/US2001/46047	25-Oct-2001		
PRODUCTION OF CELL SUSPENSIONS	CA	Morey Kraus	2,472,019	08-Nov-2002		
PRODUCTION OF CELL SUSPENSIONS	EP	Morey Kraus	02798887.2	08-Nov-2002		
PRODUCTION OF CELL SUSPENSIONS	IL	Morey Kraus	181873	08-Nov-2002		
PRODUCTION OF CELL SUSPENSIONS	JP	Morey Kraus	2002-543958	08-Nov-2002		
PRODUCTION OF CELL SUSPENSIONS	SG	Morey Kraus	200402679-4	08-Nov-2002	104526	30-Jun-06
PRODUCTION OF CELL SUSPENSIONS	US	Morey Kraus	60/345,522	09-Nov-2001		
PRODUCTION OF CELL SUSPENSIONS	US	Morey Kraus	10/494,818	08-May-2004		
PRODUCTION OF CELL SUSPENSIONS	WO	Morey Kraus	PCT/US2002/35553	08-Nov-2002		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	AU	Paul T. Clark	2004306927	20-Dec-2004		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	CA	Paul T. Clark	2,550,326	20-Dec-2004		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	EP	Paul T. Clark	04814877.9	20-Dec-2004		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	HK	Paul T. Clark	07109491.1	20-Dec-2004		

Schedule A (Page 4 of 4)

Title	Country	First Named Inventor	Application No.	Filed	Patent No.	Issued
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	JP	Paul T. Clark	2006-545543	20-Dec-2004		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	NZ	Paul T. Clark	543391	20-Dec-2004		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	SG	Paul T. Clark	200604178-4	20-Dec-2004		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	US	Paul T. Clark	60/531,577	19-Dec-2003		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	US	Paul T. Clark	10/583,684	19-Jun-2006		
USE OF HUMAN CORD BLOOD-DERIVED PLURIPOTENT CELLS FOR THE TREATMENT OF DISEASE	WO	Paul T. Clark	PCT/US2004/42743	20-Dec-2004		
TREATMENT OF MUSCULAR DYSTROPHY WITH MOBILIZED PERIPHERAL BLOOD PLURIPOTENT CELLS	US	Marc D. Beer	60/565,952	28-Apr-2004		
TREATMENT OF MUSCULAR DYSTROPHY WITH MOBILIZED PERIPHERAL BLOOD PLURIPOTENT CELLS	US	Marc D. Beer	11/587,764	27-Oct-2006		
TREATMENT OF MUSCULAR DYSTROPHY WITH MOBILIZED PERIPHERAL BLOOD PLURIPOTENT CELLS	WO	Marc D. Beer	PCT/US2005/014750	28-Apr-2005		
TREATMENT OF ISCHEMIA USING STEM CELLS	EP	Andreas Muhs	06/771203 A	27-May-2006		
TREATMENT OF ISCHEMIA USING STEM CELLS	JP	Andreas Muhs	2006-615716	27-May-2006		
TREATMENT OF ISCHEMIA USING STEM CELLS	US	Andreas Muhs	60/685,614	27-May-2005		
TREATMENT OF ISCHEMIA USING STEM CELLS	US	Andreas Muhs	11/915,660	27-Nov-2007		
TREATMENT OF ISCHEMIA USING STEM CELLS	WO	Andreas Muhs	PCT/US2006/026290	27-May-2006		

PATENT

RECORDED: 09/24/2010

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