

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CIDRA Corporation	12/15/2003
RECEIVING PARTY DATA	
Name:	CyVera Corporation
Street Address:	50 Barnes Park North
City:	Wallingford
State/Country:	CONNECTICUT
Postal Code:	06492
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12053242
CORRESPONDENCE DATA	
Fax Number:	(314)584-4061
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	3145844080
Email:	ksansone@splglaw.com
Correspondent Name:	Dean Small
Address Line 1:	The Small Patent Law Group LLP
Address Line 2:	225 S. Meramec, Ste. 725
Address Line 4:	Saint Louis, MISSOURI 63105
ATTORNEY DOCKET NUMBER:	IP-0020B-US (830-0020US3)
NAME OF SUBMITTER:	JASON P. GROSS
Total Attachments: 19 source=Assignment 1 - Cidra to Cyvera#page1.tif source=Assignment 1 - Cidra to Cyvera#page2.tif source=Assignment 1 - Cidra to Cyvera#page3.tif source=Assignment 1 - Cidra to Cyvera#page4.tif	

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PATENT
REEL: 024889 FRAME: 0263

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Name	Execution Date
CIDRA Corporation	12/15/2003
RECEIVING PARTY DATA	
Name:	CyVera Corporation
Street Address:	50 Barnes Park North
City:	Wallingford
State/Country:	CONNECTICUT
Postal Code:	06492
PROPERTY NUMBERS Total: 17	
Property Type	Number
Application Number:	09706438
Application Number:	60405087
Application Number:	60410541
Application Number:	60441678
Application Number:	60508038
Application Number:	10645689
Application Number:	10661234
Application Number:	10645686
Application Number:	10661031
Application Number:	10661082
Application Number:	10661115
Application Number:	10661836
Application Number:	10661254
Application Number:	10661116
Application Number:	60512302

CH \$680.00 09706438

500014435

PATENT
 REEL: 015437 FRAME: 0276

PATENT
 REEL: 024889 FRAME: 0265

Application Number: 60513053

Application Number: 60519932

CORRESPONDENCE DATA

Fax Number: (203)265-9109

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

Phone: 203-626-3331

Email: gdepardo@cyvera.com

Correspondent Name: Gerald L. DePardo

Address Line 1: 50 Barnes Park North

Address Line 4: Wallingford, CONNECTICUT 06492

NAME OF SUBMITTER:

Gerald L. DePardo

Total Attachments: 17

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PATENT
REEL: 015437 FRAME: 0277

PATENT
REEL: 024889 FRAME: 0266

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CyVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 09/706,438, entitled "Method for Selective Erasing/Apodization of the Index of Refraction of an Optical Waveguide and an Optical Waveguide Modified by the Method", filed Nov. 3, 2000, (hereinafter, "Assigned Patent Application");

and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

The Assignor has executed this Assignment by its duly authorized undersigned representative, effective as of December 15, 2003.

CiDRA Corporation



Michael Grillo

Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0278****PATENT****REEL: 024889 FRAME: 0267**

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

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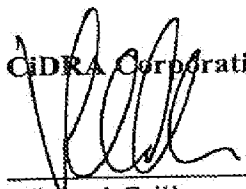
United States Patent Application, Serial Number 60/405,087, entitled "Digital Optical Identification Element", filed Aug. 20, 2002, (hereinafter, "Assigned Patent Application");

and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

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CiDRA Corporation

Michael Grillo
Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0279****PATENT****REEL: 024889 FRAME: 0268**

ASSIGNMENT

CiDRA Corporation to CyVera Corporation

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United States Patent Application, Serial Number 60/410,541, entitled "Improved Optical Identification Element", filed Sept. 12, 2002, (hereinafter, "Assigned Patent Application");

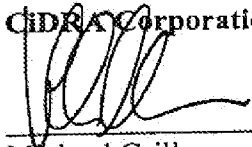
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0280

PATENT

REEL: 024889 FRAME: 0269

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

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United States Patent Application, Serial Number 60/441,678, entitled "Hybrid Random Bead/Chip Based Microarray", filed Jan. 22, 2003, (hereinafter, "Assigned Patent Application");

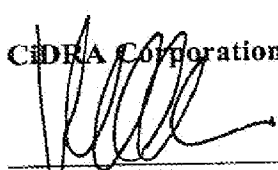
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

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Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0281****PATENT****REEL: 024889 FRAME: 0270**

ASSIGNMENT

CiDRA Corporation to CyVera Corporation

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United States Patent Application, Serial Number 60/508,038, entitled "Optical Reader for Diffraction Grating-Based Encoded Microbeads", filed Oct. 1, 2003, (hereinafter, "Assigned Patent Application");

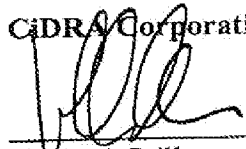
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

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CiDRA Corporation


 Michael Grillo
 Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0282

PATENT

REEL: 024889 FRAME: 0271

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United States Patent Application, Serial Number 10/645,689, entitled "Diffraction Grating-Based Optical Identification Element", filed Aug. 20, 2003, (hereinafter, "Assigned Patent Application");


and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0283****PATENT****REEL: 024889 FRAME: 0272**

ASSIGNMENT

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United States Patent Application, Serial Number 10/661,234, entitled "Diffraction Grating-Based Optical Identification Element", filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

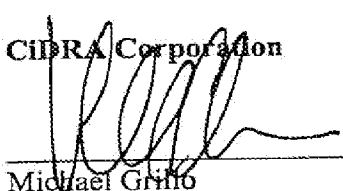
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0284

PATENT

REEL: 024889 FRAME: 0273

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

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United States Patent Application, Serial Number 10/645,686, entitled "Diffraction Grating-Based Encoded Microparticles for Multiplexed Experiments," filed Aug. 20, 2003, (hereinafter, "Assigned Patent Application");

and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

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CiDRA Corporation



Michael Grillo

Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0285

PATENT

REEL: 024889 FRAME: 0274

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CyVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 10/661,031, entitled "Diffraction Grating-Based Encoded Microparticles for Multiplexed Experiments," filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

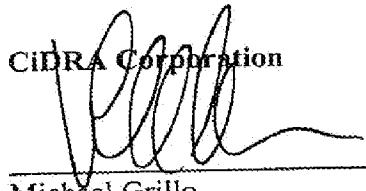
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

ASSIGNMENT

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United States Patent Application, Serial Number 10/661,082, entitled "Method and Apparatus for Labeling Using Diffraction Grating-Based Encoded Optical Identification Elements," filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

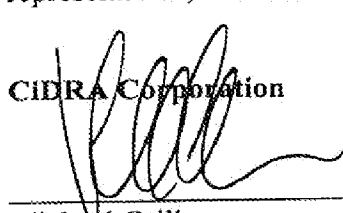
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0287

PATENT

REEL: 024889 FRAME: 0276

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

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United States Patent Application, Serial Number 10/661,115, entitled "Assay Stick," filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

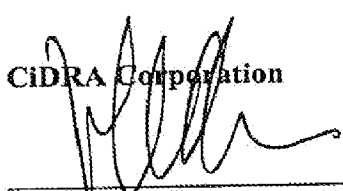
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

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CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0288****PATENT****REEL: 024889 FRAME: 0277**

ASSIGNMENT

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United States Patent Application, Serial Number 10/661,836, entitled "Method and Apparatus for Aligning Microbeads in Order to Interrogate the Same," filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

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Michael Grillo
Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0289

PATENT

REEL: 024889 FRAME: 0278

ASSIGNMENT

CiDRA Corporation to CyVera Corporation

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CyVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 10/661,254, entitled "Chemical Synthesis Using Diffraction Grating-Based Encoded Optical Elements," filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

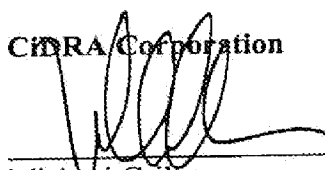
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

The Assignor has executed this Assignment by its duly authorized undersigned representative, effective as of December 15, 2003.

CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT

REEL: 015437 FRAME: 0290

PATENT

REEL: 024889 FRAME: 0279

ASSIGNMENT**CiDRA Corporation to CyVera Corporation**

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CyVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 10/661,116, entitled "Method of Manufacturing of a Diffraction Grating-Based Identification Element," filed Sept. 12, 2003, (hereinafter, "Assigned Patent Application");

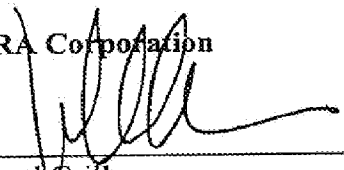
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

The Assignor has executed this Assignment by its duly authorized undersigned representative, effective as of December 15, 2003.

CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0291****PATENT****REEL: 024889 FRAME: 0280**

ASSIGNMENT

CiDRA Corporation to CyVera Corporation

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CyVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 60/512,302, entitled "Optical Reader for Diffraction Grating-Based Encoded Microbeads," filed Oct. 17, 2003, (hereinafter, "Assigned Patent Application");

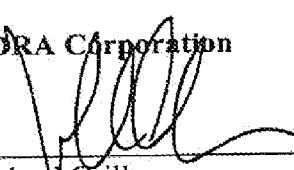
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

The Assignor has executed this Assignment by its duly authorized undersigned representative, effective as of December 15, 2003.

CiDRA Corporation


 Michael Grillo
 Vice President, General Counsel

ASSIGNMENT**CiDRA Corporation to CvVera Corporation**

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CvVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 60/513,053, entitled "Optical Reader for Diffraction Grating-Based Encoded Microbeads," filed Oct. 21, 2003, (hereinafter, "Assigned Patent Application");


and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

The Assignor has executed this Assignment by its duly authorized undersigned representative, effective as of December 15, 2003.

CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT**REEL: 015437 FRAME: 0293****PATENT****REEL: 024889 FRAME: 0282**

ASSIGNMENT

CiDRA Corporation to CyVera Corporation

In consideration of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, CiDRA Corporation ("Assignor"), having an office at 50 Barnes Park North, Wallingford, Connecticut 06452, hereby assigns and transfers to, CyVera Corporation ("Assignee"), having an office at 50 Barnes Park North, Wallingford, CT, 06492, all of its present and future rights, title or interest in:

United States Patent Application, Serial Number 60/519,932, entitled "Diffraction Grating-Based Encoded Micro-Particles for Multiplexed Experiments," filed Nov. 14, 2003, (hereinafter, "Assigned Patent Application");

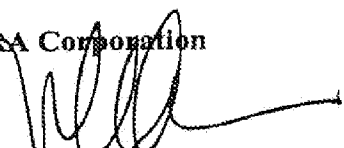
and to all divisional, continuation, continuation-in-part (CIP), substitute, renewal, reissue, or other application based on or claiming priority from the Assigned Patent Application which have been or shall be filed in the United States or in a foreign jurisdiction (hereinafter, "Related Patent Applications");

and to all original, reissued, or reexamined patents which have been or shall be issued from the Assigned Patent Application and/or Related Patent Applications in the United States or in a foreign jurisdiction.

Assignor further promises to carry out in good faith the intent and purpose of this Assignment, and further promises to execute any and all documents necessary to effect such assignment, including to execute or have executed by the inventors and/or the Assignor's agents, employees or contractors, all rightful oaths, declarations, assignments, powers of attorney or other lawful papers necessary to perfect or record the rights hereby assigned to Assignee and to reflect Assignee's or Assignee's successors' and assigns' ownership thereof, to the extent that such inventors, agents, employees or contractors have an obligation to Assignor to do so.

The Assignor has executed this Assignment by its duly authorized undersigned representative, effective as of December 15, 2003.

CiDRA Corporation



Michael Grillo
Vice President, General Counsel

PATENT

RECORDED: 12/10/2004

REEL: 015437 FRAME: 0294

RECORDED: 08/26/2010

PATENT
REEL: 024889 FRAME: 0283