

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
FRAUNHOFER CENTER FOR RESEARCH IN COMPUTER GRAPHICS (CRCG), INC.	12/04/2006
RECEIVING PARTY DATA	
Name:	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10019828
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NAME OF SUBMITTER:	Michael A. Glenn
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**ASSIGNMENT OF PATENTS, PATENT APPLICATIONS
AND OTHER INTELLECTUAL PROPERTY**

FOR VALUED RECEIVED, Fraunhofer Center for Research in Computer Graphics, Inc. ("Assignor") hereby assigns, conveys and transfers to Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. ("Assignee") Assignor's entire right, title and interest in and to the United States letters patent, United States and PCT patent applications and the other intellectual property rights set forth in Exhibit A, attached hereto and incorporated herein by reference (collectively, the "Intellectual Property").

This Assignment includes all of the intellectual property rights incorporated into the Intellectual Property, including without limitation, the right to file for patent protection for all or any portion of that property in foreign countries and all rights to enforce the Intellectual Property against infringement or other interference.

TO HAVE AND TO HOLD, the above-described property to be held and enjoyed by Assignee, for its own use and for its legal representatives and assigns as fully and entirely as the same would have been held by Assignor had this Assignment not been made.

Assignor disclaims all warranties regarding the Intellectual Property, including without limitation, warranties of title, condition and functionality. Assignor conveys the Intellectual Property in as-is condition.

Executed this 4th day of December, 2006 at Plymouth, Michigan.

Fraunhofer Center for Research in Computer Graphics, Inc.

By: _____

William F. Hartman
President

STATE OF MICHIGAN

COUNTY OF WAYNE

DEBORAH K. MOORE
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Oct 18, 2012
ACTING IN COUNTY OF Wayne

The foregoing instrument was subscribed and sworn to before me this 4th day of December, 2006, by William F. Hartman, President of Fraunhofer Center for Research in Computer Graphics, Inc.

Deborah K. Moore

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Fraunhofer CRCG, Inc.
Status of Patents and Applications

docket #	Title	Inventor	Application type	Application number	filed	Status	Ancestor	Descendent	Assign
fraunh01.001	Secure distribution of digital representations	Zhao, et al	Reg. US App.	09/021,339 6,141,753	2/10/1998 issued 10/31/2000	maintenance fee due 4/30/2008		fraunh01.004	F-G and Mitsubishi 1998
fraunh01.002	Active watermarks & watermark agents	Zhao	Reg. US App.	09/070,597 6,754,822	4/30/1998 Issued 6/22/04	THOMSON CASE maintenance fee due 12/22/2007		10/872,886* *filed by Dr. Zhao for MediaSec Technologies	CRCG 1998
fraunh01.004	Secure distribution of digital representations	Zhao, et al	PCT designations: EPO, CA, JP, SG	PCT/US99/02796	4/30/1998	entered EPO, JP, CA Nat'l stages	fraunh01.001		F-G and Mitsubishi
fraunh01.005	Transparent props for interaction with immersive projection technology	Encarnacao, et al.	Provisional	60/130,590	4/22/1999	PCT. app filed 12/9/1999		fraunh01.010	
fraunh01.008	Using reflective props with back-screen projection planes	Bimber	Provisional	60/137,007	6/1/1999	PCT app filed 12/9/1999		fraunh01.010	
fraunh01.009	Tools for interacting with virtual environments	Encarnacao, et al.	Provisional	60/153,567	9/13/1999	PCT app filed 12/9/1999		fraunh01.010	
fraunh01.010	Tools for interacting with virtual environments	Bimber et al.	PCT designations - EPO, AU, CA, CN, JP, SG, US	PCT/US99/28930	12/9/1999	entered US nat'l stage only (fraunh01.021)	fraunh01.005 fraunh01.008 fraunh01.009	fraunh01.017 fraunh01.021 fraicg01.002	
fraunh01.011	Watermarking Mobile Code to Detect & Deter Malicious Hosts	Zhao	Provisional	60/133,840	5/12/1999	PCT app filed 5/12/2000		fraunh01.013 fraunh01.014	
fraunh01.012	Extensible information distribution mechanism for session management	Haley, et al.	PCT (designations - EPO & US)	PCT/US01/09204	3/23/2001	entered US nat'l stage only	60/191,707	fraunh01.022	
fraunh01.013	Obfuscation of executable code	Luo, et al	PCT (designations - EPO & US)	PCT/US00/13128	5/12/2000	entered US nat'l stage only	fraunh01.011 60/133,848	fraunh01.032	
fraunh01.014	Authenticating Executable Code and Executions thereof	Luo, et al.	PCT (designations - EPO & US)	PCT/US00/13117	5/12/2000	entered US nat'l stage only	fraunh01.011 60/133,848	fraunh01.028	

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Fraunhofer CRCG, Inc.
Status of Patents and Applications

docket #	Title	Inventor	Application type	Application number	filed	Status	Ancestor	Descendent	Assign
fraunh01.027	Multi-layer Protection of Mobile Code	Luo	Provisional	60/407,929	9/4/2002	filed PCT & US Nat'l - 9/4/03		fraunh01.037 fraunh01.039	
fraunh01.028	Authenticating Executable Code and Executions thereof	Luo, et al.	US Nat'l stage	10/019,827	11/9/2001	filed appeal brief 11/1/2006 resp to non-compliance due 11/30/06	fraunh01.014		CRCG 2002
fraunh01.030	Augmented Reality Entertainment system	Branco	provisional	60/409,370	9/10/2002	abandoned by order Fraunhofer			
fraunh01.031	Using line structure information to enhance line drawing in a digital system	Stephenson, et al	PCT (designations: EPO, AU, CA, CN JP, SG, US)	PCT/US02/39716	12/12/2002	entered national stage 8/10/2004	fraunh01.026	fraunh01.045 fraunh01.046	CRCG 2003
fraunh01.032	Obfuscation of executable code	Luo, et al	US Nat'l stage	10/019,828	11/9/2001	resp to non final OA filed 10/20/06	fraunh01.013		CRCG 2002
fraunh01.033	Using runs of cells to traverse a ray through a volume	Stephenson	PCT (designations: EPO, AU, CA, CN JP, SG, US)	PCT/US03/00240	1/6/2003	entered national stage 7/6/04	fraunh01.023	fraunh01.047 fraunh01.048	CRCG 2003
fraunh01.034	Virtual Showcases	Bimber, et al	US Nat'l stage	10/344,287	2/6/2003	discontinued action 2/16/06	fraunh01.017 fraicg01.002		
fraunh01.035	Compressed Domain Multimedia Watermarking	Horvatic	Provisional	60/429,634	11/27/2002	filed PCT 11/26/2003		fraunh01.041	
fraunh01.036	Entity Representation and Management framework for decision centered visualization	Zeltzer et al	Provisional	60/446,144	2/10/2003	filed PCT 2/2/2004		fraunh01.042	
fraunh01.037	Protecting mobile code against malicious hosts	Luo, et al.	Reg. US App. cjp	10/654,826	9/4/2003	filed PCT 9/4/2003	60/133,848 fraunh01.011 fraunh01.013 fraunh01.014 fraunh01.027	fraunh01.039	F-G 2004 not recorded

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Fraunhofer CRCG, Inc.
Status of Patents and Applications

docket #	Title	Inventor	Application type	Application number	filed	Status	Ancestor	Descendent	Assign
fraunh01.015(a)	Extended Virtual Table	Bimber, et al	Provisional	60/209,672	6/6/2000	filed PCT app		fraicg01.002	
fraunh01.015(b)			Provisional	60/210,315	6/8/2000	6/6/2001		fraicg01.002	
fraunh01.016	Reflecting graphics in curved mirrors	Bimber, et al	Provisional	60/252,296	11/21/2000	filed PCT app		fraicg01.002 fraunh01.017	
fraunh01.017	Virtual Showcases	Bimber, et al	PCT (designations - EPO, AU, CA, CN, JP, SG, US)	PCT/US01/25186	8/10/2001	entered US nat'l stage only (fraunh01.034)	fraunh01.016 fraunh01.010 fraicg01.002	fraunh01.034	CRCG 2001
fraunh01.019	Augmented Reality entertainment system	Branco	Provisional	60/318,943	9/10/2001	abandoned by order Fraunhofer			
fraunh01.020	Methods and apparatus for line drawing in parallel	Stephenson, et al	Provisional	60/309,926	8/2/2001	filed PCT app		fraunh01.024 fraunh01.044	
fraunh01.021	Tools for interacting with virtual environments	Schmalsteig, et al.	US Nat'l stage	09/959,087 6,842, 175	10/16/2001 1/11/2005	deadline to file broadening reissue 1/11/07	fraunh01.010		CRCG 1999
fraunh01.022	Extensible information distribution mechanism for session management	Haley, et al.	US Nat'l stage	10/069,255 6,529,941	2/21/2002 3/4/2003	maintenance fee pd 9/4/06	fraunh01.012		CRCG 2002
fraunh01.023	Method for Visualizing Volumetric Datasets	Stephenson	Provisional	60/346,741	1/7/2002	filed PCT app		fraunh01.033	
fraunh01.024	Method and apparatus for determining intersections of a particular line with cells in a lattice	Stephenson	PCT	PCT/US02/24711	8/2/2002	filed US Nat'l stage 2/2/2004	fraunh01.020	fraunh01.044	
fraunh01.025	Methods and apparatus for line drawing in parallel	Stephenson	Provisional	60/341,194	12/13/2001	filed PCT app		fraunh01.031	
fraunh01.026	A process and apparatus for anti-aliased line drawing	Stephenson, et al.	Provisional	60/341,503	12/13/2001	filed PCT app		fraunh01.031	

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Fraunhofer CRCG, Inc.
Status of Patents and Applications

docket #	Title	Inventor	Application type	Application number	filed	Status	Ancestor	Descendent	Assign
fraunh01.039	Protecting mobile code against malicious hosts	Luo	PCT (designations: EPO, AU, CA, CN JP, SG, US)	PCT/US03/27693	9/4/2003	filed US Nat'l 3/3/2005	fraunh01.027	fraunh01.049	F-G Dec-03 not recorded
fraunh01.040	Task Representation and Even Handling for Decision-Centered Visualization	Zeltzer, et al.	provisional filed by Fraunhofer	60/508,196	10/2/2003	filed PCT 2/9/2004		fraunh01.042	
fraunh01.041	Watermarking digital representation that have undergone lossy compression	Horvatic, et al.	PCT	PCT/US03/38151	11/26/2003	filed US Nat'l 5/27/2005	fraunh01.035	fraunh01.051	F-G 3-Nov
fraunh01.042	Time-critical filtering of information using domain ontologies	Kohlhammer, et al.	PCT	PCT/US04/03680	2/9/2004	filed US Nat'l 8/8/2005	fraunh01.036 fraunh01.040	fraunh01.052	F-G not recorded
fraunh01.043		provisional filed by Fraunhofer							
fraunh01.044	Methods and apparatus for determining intersections of a particular line with cells in a lattice	Stephenson et al.	US Nat'l stage	10/485,886	2/2/2004	RCE filed 10/16/2006	fraunh01.024		F-G 2004 not recorded
fraunh01.045	Using line structure information to enhance line drawing in digital systems	Stephenson et al.	US Nat'l stage	10/498,467	6/10/2004	resp - final OA due 1/5/07	fraunh01.031		
fraunh01.046	Using line structure information to enhance line drawing in digital systems	Stephenson et al.	EPO	279012.4		maint fee due 12/31/2006	fraunh01.031		
fraunh01.047	Using runs of cells to traverse a ray through a volume	Stephenson	US Nat'l stage	10/500,772	7/6/2004	resp to OA due 2/1/07	fraunh01.033		
fraunh01.048	Using runs of cells to traverse a ray through a volume	Stephenson	EPO	3702002.1		annuity fee due 1/31/2007	fraunh01.033		
fraunh01.049	Protecting mobile code against malicious hosts	Luo	US Nat'l stage	10/528,843	3/3/2005	"new case - ready for exam"	fraunh01.039		

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Fraunhofer CRCG, Inc.
Status of Patents and Applications

docket #	Title	Inventor	Application type	Application number	filed	Status	Ancestor	Descendent	Assign
fraunh01.050	Protecting mobile code against malicious hosts	Luo	EPO	filed by F-G			fraunh01.039		
fraunh01.051	Watermarking digital representation that have undergone lossy compression	Horvatic, et al.	US Nat'l stage	10/536,708	5/27/2005	"undergoing pre-exam processing"	fraunh01.041		
fraunh01.052	Time-critical filtering of information using domain ontologies	Kohlhammer, et al.	US Nat'l stage	10/544,955	8/8/2005	"1st OA predicted 4/1/08"	fraunh01.042		

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