

## 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>Wei Li</td><td>03/23/2007</td></tr><tr><td>Gianluca Paladini</td><td>03/23/2007</td></tr></tbody></table>	Name	Execution Date	Wei Li	03/23/2007	Gianluca Paladini	03/23/2007	
Name	Execution Date						
Wei Li	03/23/2007						
Gianluca Paladini	03/23/2007						
RECEIVING PARTY DATA							
Name:	Siemens Corporate Research, Inc.						
Street Address:	755 College Road East						
City:	Princeton						
State/Country:	NEW JERSEY						
Postal Code:	08540						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11679990</td></tr></tbody></table>	Property Type	Number	Application Number:	11679990			
Property Type	Number						
Application Number:	11679990						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	2006P06676US01						
NAME OF SUBMITTER:	Vrichman						
Total Attachments: 2 source=2006p06676us01-asgn#page1.tif source=2006p06676us01-asgn#page2.tif							

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PATENT  
REEL: 019067 FRAME: 0454

## ASSIGNMENT

For good and valuable consideration, We, Wei Li, residing at 71 Greylynne Dr., Princeton, NJ 08540, citizen of CN; Gianluca Paladini, residing at 11 Winged Foot Court, Skillman, NJ 08558, citizen of IT, hereafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to Siemens Corporate Research, Inc. , a corporation organized and existing under the state laws of Delaware, having its principal place of business at 755 College Road East, Princeton, NJ, 08540, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and filed

on 02.28.07, U.S. Serial No.: 11/679,990,  
entitled:

### **MEMORY MANAGEMENT SYSTEM AND METHODS FOR GPU-BASED VOLUME RENDERING**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Herby

State of **New Jersey** )  
County of **Middlesex** ): ss  
)

Before me this 23 day of March, 2007 personally appeared Wei Li to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[Seal]

Angeliza Formento  
Notary Public



Gianluca Paladini

State of **New Jersey** )  
County of **Middlesex** ): ss

Before me this 23 day of March, 2007 personally appeared Gianluca Paladini to me personally known to be the person who is described in and who executed the above instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein set forth.

[Seal]

Rugeliza Fermento  
Notary Public

