

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Siemens Corporation	12/08/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Siemens Aktiengesellschaft
<b>Street Address:</b>	Wittelsbacherplatz 2
<b>City:</b>	Munich
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	80333
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13314480
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)321-3014
<b>Phone:</b>	732-321-3026
<b>Email:</b>	karen.avant@siemens.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Correspondent Name:</b>	SIEMENS CORPORATION INTELLECTUAL PROPERT
<b>Address Line 1:</b>	170 WOOD AVENUE SOUTH
<b>Address Line 4:</b>	ISELIN, NEW JERSEY 08830
<b>ATTORNEY DOCKET NUMBER:</b>	2011P13681US01
<b>NAME OF SUBMITTER:</b>	Karen Avant
<b>Total Attachments: 2</b> source=Corp to SAG#page1.tif source=Corp to SAG#page2.tif	

CH \$40.00 13314480

ASSIGNMENT

For good and valuable consideration, Siemens Corporation, a corporation organized and existing under the state laws of Delaware, having its principal place of business at 170 Wood Avenue South, Iselin, NJ 08830, hereinafter referred to as Assignor,

Hereby sell, assign, and transfer to Siemens Aktiengesellschaft, a corporation organized and existing under the laws of the state of Germany, having its principal place of business at Wittelsbacherplatz 2, Munich, Germany 80333 hereinafter referred to as "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 Provisional Application filed on June 24, 2011 and identified as United States Provisional Application Serial No. 61/500,658, and the application for United States Letters patent, which has been executed by the undersigned concurrently herewith, and is entitled

**Boundary Handling for Particle-Based Simulation**

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 the said Assignee, its successors, assigns and legal representatives, to carry out 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 Assignee, all facts known to the undersigned relating to said inventions and the history thereof; and generally do everything possible which Assignee 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.

Siemens Corporation

*Silvano Dall'Asta*

Silvano Dall'Asta  
CFO Duly Authorized

State of New Jersey)

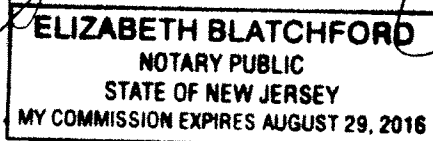
County of Middlesex)

On this 5th day of Dec 2011, before me, the undersigned Notary Public, duly commissioned and sworn, personally appeared Silvano Dall'Asta,

personally known to me  
 proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) \_\_\_\_\_ subscribed to the within instrument, and acknowledged that SILVANO DALL'ASTA executed it in his authorized capacity on behalf of the corporation named therein, and that by his signature on the instrument that such corporation executed the same.

WITNESS my hand and official seal.

*Elizabeth Blatchford*  
Notary Public



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