

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
-------------------------	----------------

<b>NATURE OF CONVEYANCE:</b>	LICENSE
------------------------------	---------

**CONVEYING PARTY DATA**

Name	Execution Date
Hewlett-Packard Development Company, L.P.	01/15/2008

**RECEIVING PARTY DATA**

<b>Name:</b>	Siemens Product Lifecycle Management Software Inc.
<b>Street Address:</b>	5800 Granite Parkway, Suite 600
<b>City:</b>	Plano
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	75024

**PROPERTY NUMBERS Total: 44**

Property Type	Number
Patent Number:	6718218
Patent Number:	6738076
Patent Number:	5768506
Patent Number:	5826020
Patent Number:	5297241
Patent Number:	6344862
Patent Number:	6944514
Patent Number:	7050872
Patent Number:	7151551
Patent Number:	4870561
Patent Number:	5010502
Patent Number:	5465324
Patent Number:	5615317
Patent Number:	5615319
Patent Number:	5649084

**CH \$1760.00 6718218**

Patent Number:	5720022
Patent Number:	5745687
Patent Number:	5870100
Patent Number:	5903278
Patent Number:	5923336
Patent Number:	5949423
Patent Number:	5966136
Patent Number:	5982385
Patent Number:	6081268
Patent Number:	6097395
Patent Number:	6133922
Patent Number:	6137497
Patent Number:	6172682
Patent Number:	6191791
Patent Number:	6304265
Patent Number:	6304275
Patent Number:	6326966
Patent Number:	6515674
Patent Number:	6518968
Patent Number:	6542154
Patent Number:	6570562
Patent Number:	6602298
Patent Number:	6636232
Patent Number:	6714196
Patent Number:	6753875
Patent Number:	6877162
Patent Number:	6888544
Patent Number:	6930683
Application Number:	10440293

**CORRESPONDENCE DATA**

Fax Number: (972)987-3379

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

Phone: 972-987-3211

Email: allen.lineberry@siemens.com

Correspondent Name: Allen Scott Lineberry, Siemens PLM

Address Line 1: 5800 Granite Parkway, Suite 600  
Address Line 4: Plano, TEXAS 75024

ATTORNEY DOCKET NUMBER:

FIP 502057

NAME OF SUBMITTER:

Allen Scott Lineberry

**Total Attachments: 4**

source=HPDC Notice of Patent License Agreement#page1.tif

source=HPDC Notice of Patent License Agreement#page2.tif

source=HPDC Notice of Patent License Agreement#page3.tif

source=HPDC Notice of Patent License Agreement#page4.tif

## **NOTICE OF PATENT LICENSE AGREEMENT**

Hewlett-Packard Development Company, L.P. ("HPDC"), and Siemens Product Lifecycle Management Software Inc. and its Affiliates (collectively "Siemens") have entered into a Patent License Agreement ("Agreement") effective as of January 15, 2008.

That Agreement includes certain rights given to Siemens under those certain U.S. Patents specified in Schedule 1 attached hereto as well as any continuations, continuations-in-part, divisional, extensions, reexaminations, reissues, substitutes, foreign equivalents, and patents and patent applications claiming priority from the foregoing ("Licensed Patents"). Those rights include, but are not limited to, the grant by HPDC to Siemens of a fully paid-up, non-exclusive, irrevocable worldwide license under the Licensed Patents, without the right to sublicense, to make, have made, use, import, offer for sale, lease, sell, distribute (directly or indirectly) or otherwise transfer the Licensed Products, as defined in the Agreement, until the expiration of the last to expire of the Licensed Patents.

## Schedule 1

The following are the Licensed Patents:

No	Patent No	Title (Publication)	Issue Date	Filed Date
1	US6718218	CAD data model with design notes	20040406	20001006
2	US6738076	Method and system for maintaining persistence of graphical markups in a collaborative graphical viewing system	20040518	20000731
3	US5768506*	Method and apparatus for distributed workflow building blocks of process definition, initialization and execution	19980616	19970520
4	US5826020*	Workflow real time intervention	19981020	19960918
5	US5297241	Automated re-layout with dimensional associativity	19940322	19910930
6	US6344862	User interface mechanism for manipulating context in computer management applications	20020205	19980529
7	US6944514	Innovation information management model	20050913	20001006
8	US7050872	Innovation information management model	20060523	20050610
9	US7151551	Method and system for maintaining persistence of graphical markups in a collaborative graphical viewing system	20061219	20040402
10	US4870561	User interface simulation and management for program-controlled apparatus	19890926	19870720
11	US5010502	Method and apparatus for generating representations of 3-dimensional objects	19910423	19900313
12	US5465324	Method and system for defining geometric relations in a computer aided design system	19951107	19930106
13	US5615317	Method for blending edges of a geometric object in a computer-aided design system	19970325	19960531
14	US5615319	Method for modifying a geometric object and computer aided design system	19970325	19950511
15	US5649084	Method for performing boolean operations on geometric objects in a computer-aided design system	19970715	19950125
16	US5720022	Method of converting a dimensional representation of a technical drawing in a CAD system from a first dimensional representation standard into a second dimensional representation standard	19980217	19960227
17	US5745687*	System for distributed workflow in which a routing node selects next node to be performed within a workflow procedure	19980428	19970520
18	US5870100	Filling of graphical regions	19990209	19951122
19	US5903278	Primitive colorization of three dimensional graphics to provide feedback to a developer	19990511	19960802

20	US5923336	Method of associating a dimensional representation with a structure in a CAD system	19990713	19971031
21	US5949423	Z buffer with degree of visibility test	19990907	19970930
22	US5966136	Efficient method for clipping numerous objects against an arbitrary clipping path	19991012	19950412
23	US5982385	Geometrical object representation system and method for efficiently representing a geometrical object for use by a computer graphics system	19991109	19970731
24	US6081268	Method for ignoring redundant constraints in a graphic editor	20000627	19970903
25	US6097395	Dynamic selection of lighting coordinates in a computer graphics system	20000801	19980428
26	US6133922	Method of integrating a blend or chamfer surface replacing an edge of a geometrical body into a solid model	20001017	19970918
27	US6137497	Post transformation clipping in a geometry accelerator	20001024	19970530
28	US6172682	Detecting insiderness of a rectangle to an arbitrary polygon	20010109	19960124
29	US6191791	Methods for high precision, memory efficient surface normal compression and expansion	20010220	19970930
30	US6304265	System for distinguishing front facing and back facing primitives in a computer graphics system using area calculations in homogeneous coordinates	20011016	19980130
31	US6304275	Memory efficient surface normal decompression	20011016	19981031
32	US6326966	Methods for high precision, memory efficient surface normal compression and expansion	20011204	20000719
33	US6515674	Apparatus for and of rendering 3d objects with parametric texture maps	20030204	20000317
34	US6518968	Method and apparatus for performing H-space bump mapping suitable for implementation with H-space lighting in a graphics pipeline of a computer graphics display system	20030211	20000517
35	US6542154	Architectural extensions to 3D texturing units for accelerated volume rendering	20030401	19990807
36	US6570562	Method for drawing patterned lines in a system supporting off-screen graphics	20030527	20000503
37	US6602298	Methods of storing and retrieving communications, information, and documents	20030805	19990604
38	US6636232	Polygon anti-aliasing with any number of samples on an irregular sample grid using a hierarchical tiler	20031021	20010112
39	US6714196	Method and apparatus for tiled polygon traversal	20040330	20010820
40	US6753875	System and method for rendering a texture map utilizing an illumination modulation value	20040622	20010803
41	US6877162	Method and system for extendable class-based	20050405	20000731

CONFIDENTIAL

		shared data-types		
42	US6888544	Apparatus for and method of rendering 3D objects with parametric texture maps	20050503	20011031
43	US6930683	Three-dimensional reconstruction method utilizing reprojective optimization	20050816	20020419
44	US20030208471A1	Communication storage methods and communication systems	20031106	20030516