

**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>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dorin Comaniciu</td> <td>09/09/2005</td> </tr> <tr> <td>Ying Zhu</td> <td>09/09/2005</td> </tr> <tr> <td>Leonid Sigal</td> <td>07/20/2005</td> </tr> </tbody> </table>		Name	Execution Date	Dorin Comaniciu	09/09/2005	Ying Zhu	09/09/2005	Leonid Sigal	07/20/2005
Name	Execution Date								
Dorin Comaniciu	09/09/2005								
Ying Zhu	09/09/2005								
Leonid Sigal	07/20/2005								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Siemens Corporate Research, Inc.								
<b>Street Address:</b>	755 College Road East								
<b>City:</b>	Princeton								
<b>State/Country:</b>	NEW JERSEY								
<b>Postal Code:</b>	08540								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11135210</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11135210				
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<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(732)321-3014								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	732-321-3026								
<b>Email:</b>	vicki.richman@siemens.com								
<b>Correspondent Name:</b>	Elsa Keller								
<b>Address Line 1:</b>	170 Wood Avenue South								
<b>Address Line 4:</b>	Islelin, NEW JERSEY 08830								
<b>NAME OF SUBMITTER:</b>	Vicki Richman								

**Total Attachments: 5**  
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**500049408**

**PATENT  
 REEL: 016521 FRAME: 0376**

**CH \$40.00 11135210**



## ASSIGNMENT

For good and valuable consideration, We, Dorin Comaniciu, residing at 2 Stuart In. West, Princeton Jct., NJ 08550, citizen of RO; Leonid Sigal, residing at 115 Waterman Street, 4th Floor, Providence, RI 02912, citizen of US; Ying Zhu, residing at 88 Kingsland Circle, Monmouth Junction, NJ 08852, citizen of CN; residing at, 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 05.23.05, U.S. Serial No.: 11/135,210,  
entitled:

### GRAPHICAL OBJECT MODELS FOR DETECTION AND TRACKING

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.

\_\_\_\_\_  
Dorin Comaniciu

State of \_\_\_\_\_ )  
  ): ss  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2005 personally appeared Dorin Comaniciu 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]

\_\_\_\_\_  
Notary Public

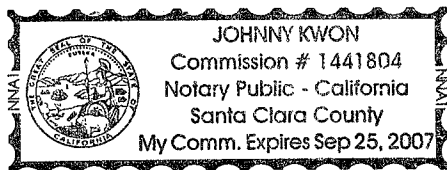
Leonid Sigal  
\_\_\_\_\_  
Leonid Sigal

State of California )  
  ): ss  
County of Santa Clara )

Before me this 20<sup>th</sup> day of July, 2005 personally appeared Leonid Sigal 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]

Johnny Kwon  
\_\_\_\_\_  
Notary Public



\_\_\_\_\_  
Ying Zhu

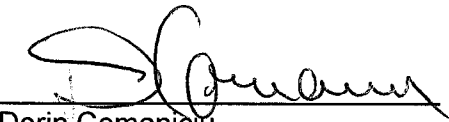
State of                    )  
                              ): ss  
County of                 )

Before me this \_\_\_\_ day of \_\_\_\_\_, 2005 personally appeared Ying Zhu 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]

\_\_\_\_\_  
Notary Public

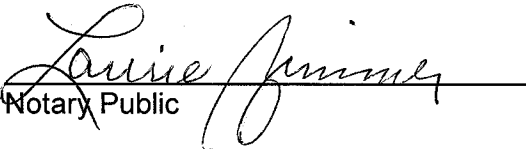
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Dorin Comaniciu

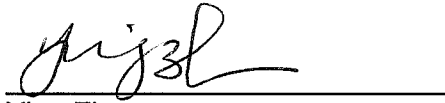
State of **New Jersey** )  
County of **Middlesex** ) : ss

Before me this 9<sup>th</sup> day of September, 2005 personally appeared Dorin Comaniciu 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]

  
Notary Public

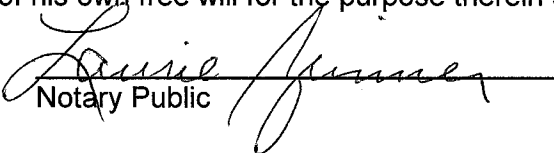
**Laurie Zimmer**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires June 1, 2010**

  
Ying Zhu

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

Before me this 9<sup>th</sup> day of September, 2005 personally appeared Ying Zhu 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]

  
Notary Public

**Laurie Zimmer**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires June 1, 2010**

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