

PATENT ASSIGNMENT

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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>Yuri Boykov</td><td>05/24/2005</td></tr><tr><td>Gianluca Paladini</td><td>04/06/2005</td></tr></tbody></table>	Name	Execution Date	Yuri Boykov	05/24/2005	Gianluca Paladini	04/06/2005	
Name	Execution Date						
Yuri Boykov	05/24/2005						
Gianluca Paladini	04/06/2005						
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>11058336</td></tr></tbody></table>	Property Type	Number	Application Number:	11058336			
Property Type	Number						
Application Number:	11058336						
CORRESPONDENCE DATA							
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Total Attachments: 3 source=2004P02686US01 - Assignment#page1.tif source=2004P02686US01 - Assignment#page2.tif source=2004P02686US01 - Assignment#page3.tif							

CH 11058336 \$40.00

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PATENT
REEL: 016100 FRAME: 0327

ASSIGNMENT

For good and valuable consideration, We, **Yuri Boykov**, residing at 162 St. Bees Close, London, Ontario N6G 4B8, citizen of USA; and **Gianluca Paladini**, residing at 11 Winged Foot Court, Sillman, NJ 08858, citizen of Italy; 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 02.15.05, U.S. Serial No.: 11/058,336,
entitled:

SYSTEM AND METHOD FOR GPU ACCELARATION OF PUSH- RELABEL ALGORITHM ON GRIDS

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.

Yuri Boykov

State of)
)
): ss
County of)

Before me this ____ day of _____, 2005 personally appeared **Yuri Boykov** 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


Gianluca Paladini

State of New Jersey)
County of Middlesex): ss

Before me this 6th day of April, 2005 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]

Notary Public

ANDREA MEIER
NOTARY PUBLIC OF NEW JERSEY
 My Commission Expires Aug. 4, 2008

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.

Ching Y. Smith
Witness

Angie Muir
Witness

Yuri Boykov
Date May 24, 2005

May 24, 2005
Date

Gianluca Paladini

Witness

Date

Witness

Date