

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Michael Ingrassia	11/27/2006
RECEIVING PARTY DATA	
Name:	Nokia Corporation
Street Address:	Keilalahdentie 4
City:	Espoo
State/Country:	FINLAND
Postal Code:	02150
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11474816
CORRESPONDENCE DATA	
Fax Number:	(972)894-5619
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	972-894-5931
Email:	denise.m.wilson@nokia.com
Correspondent Name:	Nokia Inc.
Address Line 1:	6021 Connection Drive
Address Line 2:	Mail Drop 2-5-520
Address Line 4:	Irving, TEXAS 75039
ATTORNEY DOCKET NUMBER:	49851-MS
NAME OF SUBMITTER:	Thomas J. Arria
Total Attachments: 6 source=49851-assign#page1.tif source=49851-assign#page2.tif source=49851-assign#page3.tif source=49851-assign#page4.tif source=49851-assign#page5.tif source=49851-assign#page6.tif	

**CH \$40.00 11474816**

### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Nokia Corporation  
Keilalahdentie 4  
Espoo  
FIN-02150  
Finland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

#### TRANSPORT MECHANISMS FOR DYNAMIC RICH MEDIA SCENES

as set forth in this United States Patent Application

Check  executed concurrently herewith  
one  executed on \_\_\_\_\_  
 Serial No. 11/474,816 Filed June 26, 2006.  
and

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or

inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.  
ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

**NAME AND SIGNATURE OF INVENTOR**

NAME: VIDYA SETLUR SIGNATURE: Vidya R. Setlur DATE: July 12, 2006

**NAME AND SIGNATURE OF WITNESSES**

NAME: Keiichiro Hoashi SIGNATURE: K. Hoashi DATE: July 12, 2006

NAME: Kazunori Matsumoto SIGNATURE: Kazunori Matsumoto DATE: July 12, 2006

**NAME AND SIGNATURE OF INVENTOR**

NAME: DAIDI ZHONG SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: MISKA HANNUKSELA SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

**NAME AND SIGNATURE OF INVENTOR**

NAME: VIDYA SETLUR      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

NAME: \_\_\_\_\_      SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: DAIDI ZHONG      SIGNATURE: Daidi Zhong      DATE: 07/11.07.2006

**NAME AND SIGNATURE OF WITNESSES**

NAME: YE-KUI WANG      SIGNATURE: [Signature]      DATE: 11.07.2006

NAME: Imed Bouazizi      SIGNATURE: [Signature]      DATE: 11.07.2006

**NAME AND SIGNATURE OF INVENTOR**

NAME: MISKA HANNUKSELA      SIGNATURE: [Signature]      DATE: 11. July 2006

**NAME AND SIGNATURE OF WITNESSES**

NAME: YE-KUI WANG      SIGNATURE: [Signature]      DATE: 11.07.2006

NAME: Imed Bouazizi      SIGNATURE: [Signature]      DATE: 11.07.2006

**NAME AND SIGNATURE OF INVENTOR**

NAME: RAMAKRISHNA VEDANTHAM SIGNATURE: V. Ramakrishna DATE: 06/30/2006

**NAME AND SIGNATURE OF WITNESSES**

NAME: XIANGLIN WANG SIGNATURE: XLW DATE: 06/30/06

NAME: Zhigang Lin SIGNATURE: ZL DATE: 06/30/06

**NAME AND SIGNATURE OF INVENTOR**

NAME: SURESH CHITTURI SIGNATURE: S. Suresh DATE: JUNE 30, 2006

**NAME AND SIGNATURE OF WITNESSES**

NAME: XIANGLIN WANG SIGNATURE: XLW DATE: 06/30/06

NAME: Zhigang Lin SIGNATURE: ZL DATE: 06/30/06

**NAME AND SIGNATURE OF INVENTOR**

NAME: TOLGA CAPIN SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: MICHAEL INGRASSIA SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

Attorney Docket No. 037145-2751 (NC49851)

**NAME AND SIGNATURE OF INVENTOR**

NAME: RAMAKRISHNA VEDANTHAM SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: SURESH CHITTURI SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF INVENTOR**

NAME: TOLGA CAPIN SIGNATURE: Tolga Capin DATE: February 20, 2007

**NAME AND SIGNATURE OF WITNESSES**

NAME: Elvin Kalyuzhlan SIGNATURE: Elvin Kalyuzhlan DATE: February 20, 2007

NAME: UGUR DOBRUSOZ SIGNATURE: Ugur Dobrusoz DATE: February 20, 2007

**NAME AND SIGNATURE OF INVENTOR**

NAME: MICHAEL INGRASSIA SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**NAME AND SIGNATURE OF WITNESSES**

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

NAME AND SIGNATURE OF INVENTOR

NAME: RAMAKRISHNA VEDANTHAM SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME AND SIGNATURE OF WITNESSES

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

NAME: SURESH CHITTURI SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME AND SIGNATURE OF WITNESSES

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

NAME: TOLGA CAPIN SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME AND SIGNATURE OF WITNESSES

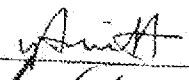
NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME: \_\_\_\_\_ SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

NAME AND SIGNATURE OF INVENTOR

NAME: MICHAEL INGRASSIA SIGNATURE:  DATE: 27 Nov 2006

NAME AND SIGNATURE OF WITNESSES

NAME: AMITH YAMASANI SIGNATURE:  DATE: 27 Nov 2006

NAME: Coco Estrada SIGNATURE:  DATE: Nov 27, 2006

Note: *Prima facie* evidence of execution may optionally be obtained by execution before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.