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10-17-2006



U.S. Department of Commerce Patent and Trademark Office

Attorney Docket No. 944-001.191

103322551

To the Honorable Commissioner of Patents and 1ragemark	s: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):  Ramakrishna VEDANTHAM, Vidya SETLUR, Suresh CHITTURI	2. Name and address of receiving party(ies):  Nokia Corporation  Keilalahdentie 4  FIN-02150	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	Espoo, Finland	
Nature of conveyance:  Assignment Merger Security Agreement Change of Name Other Execution Date: September 15 & 26, 2006	Additional name(s) and address(es) attached? □ Yes ⊠ No	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new applica application is:	tion, the execution date of the	
A. Patent Application No.(s)	B. Patent No.(s)	
S/N 11/508,726 filed August 22, 2006		
Additional numbers	attached? □ Yes ⊠ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1	
Kenneth Q. Lao Ware Fressola, Van Der Sluys & Adolphson LLP Bradford Green, Building 5 755 Main Street P.O. Box 224 Monroe, CT 06468-0224	7. Total fee (37 CFR 3.41) \$_40.00  ☐ Enclosed ☐ Authorized to be charged to deposit account	
	8. Deposit account number:  23-0442  (Attach duplicate copy of this page if paying by deposit account.)	
of the original document.  Kenneth Q. Lao  Name of Person Signing  Signature	formation is true and correct and any attachment copy is a true copy  Och. 4, 2006  Date  Cover sheet, attachments, and abscripted 318000118 1508726	
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Mail documents to be recorded with required cover sheet information to:		

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services, Commissioner of Patents,
P.O. Box 1450, Alexandria, VA 22313-1450.

## **ASSIGNMENT AND AGREEMENT**

FOR VALUE RECEIVED, We, RAMAKRISHNA VEDANTHAM,

VIDYA SETLUR, and SURESH CHITTURI. citizens of India, and residing at
1000 Escalon Avenue #F2082, Sunnyvale, CA 94085, USA, 10260 Clavert Drive,

Cupertino, CA 95014, USA, and 2366 Southcourt Circle, Irving, TX 75038, USA,
respectively, hereby sell, assign and transfer to NOKIA CORPORATION, a
corporation duly organized and existing under the laws of Finland, and having a
principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, as
assignee, and its successors, assigns and legal representatives, the entire right, title
and interest, for all countries in and to certain inventions relating to improvements in
a METHOD AND DEVICE FOR ASSEMBLING FORWARD ERROR CORRECTION FRAMES
IN MULTIMEDIA STREAMING, which is described in an application for Letters Patent
of the United States, Serial No. 11/508,726 filed August 22, 2006; and all the rights
and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may

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be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at <u>Pale Alto, CA, USA</u> this <u>Fifteenth</u> day of <u>Delptember</u>, in the year <u>2006</u>

Ramakrishna Vedantham

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Signed at Pale Alice, CA, USA this fit tenth day of September, in the year 2000.

Vidya Setlur Vidya Setlur

Docket No. 944-001.191 Serial No. 11/508,726

Signed at TRUNG, TX USA this 26th day of PTEMBER in the year 2006.

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**RECORDED: 10/10/2006** 

PATENT REEL: 018406 FRAME: 0843