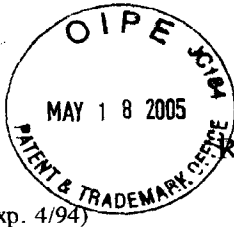


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(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

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U.S. Department of Comm  
Patent and Trademark Of

Attorney Docket No. 915-005.149

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1. Name of conveying party(ies):  
**Janne VAINIO, Hannu MIKKOLA,  
Pasi OJALA and Jari MÄKINEN**  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):

**NOKIA CORPORATION  
Keilalahdentie 4  
FIN-02150 Espoo  
FINLAND**

3. Nature of conveyance:  
 Assignment  Merger  
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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

**11/063,664**

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
**Alfred A. Fressola  
Ware, Fressola, Van Der Sluys & Adolphson LLP  
Bradford Green, Building Five  
755 Main Street  
P.O. Box 224  
Monroe, CT 06468-0224**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ **40.00**  Enclosed  
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**Alfred A. Fressola, Reg. No. 27,550**

Name of Person Signing

Signature

**May 16, 2005**

Date

Total number of pages including cover sheet, attachments, and document: 5

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**PATENT  
REEL: 016574 FRAME: 0554**

U.S. Patent Application Serial No. 11/063,664  
Attorney Docket No. 915-005.149

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Janne VAINIO, a citizen of Finland residing at Kokonkatu 15, FI-33960 Pirkkala, Finland; Hannu MIKKOLA, a citizen of Finland residing at Ippisenkatu 15, FI-33300 Tampere, Finland; Pasi OJALA, a citizen of Finland residing at Gresantie 9 A 2, FI-02700 Kauniainen, Finland; and Jari MÄKINEN, a citizen of Finland residing at Etuniitynkatu 4 as. 2, FI-33580 Tampere, Finland, hereby sell, assign and transfer to NOKIA CORPORATION, an organization duly organized and existing under the laws of Finland, and having a principal place of business at Kellalahdentie 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 *Classification of Audio Signals*, which is described in an application for Letters Patent of the United States filed on February 22, 2005, now bearing U.S. Patent Application Serial No. 11/063,664; 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 in all countries 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 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; and to invoke and claim such right of priority without further written or oral authorization from us.

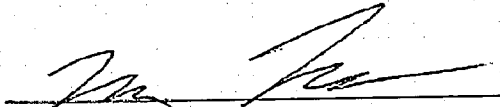
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said

U.S. Patent Application Serial No. 11/063,664  
Attorney Docket No. 915-005.149

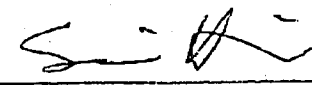
assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any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

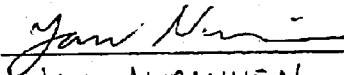
We covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at Tampere Finland this 1st  
(city/state/country) (day)  
day of April 2005  
(month)

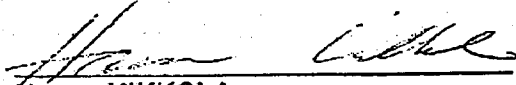
  
Janne VAINIO

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

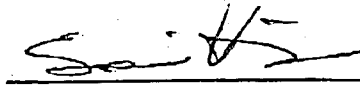
Witness  Date 1.4.2005  
SAKARI ITHMANEN

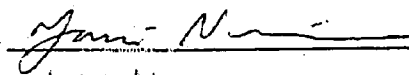
Witness  Date 1.4.2005  
JANI NURMINEN

Signed at Tampere, Finland this 6th  
(city/state/country) (day)  
day of April 2005  
(month)

  
Hannu MIKKOLA

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness  Date 6.4.2005  
SAKARI ITHMANEN

Witness  Date 6.4.2005  
JANI NURMINEN

U.S. Patent Application Serial No. 11/063,664  
Attorney Docket No. 915-005.149

Signed at Helsinki/Finland this 24  
(city/state/country) (day)

day of March, 2004-2005  
(month)

Pasi Ojala  
Pasi OJALA

Signed in our presence and acknowledged to be an assignment of the application (invention)  
herein above referred to.

Witness Jukka Järvenpää Date 24.3.2005

Witness A. U. Date 24.3.2005

Signed at \_\_\_\_\_ this \_\_\_\_\_  
(city/state/country) (day)

day of \_\_\_\_\_, 2004.  
(month)

\_\_\_\_\_  
Jari MÄKINEN

Signed in our presence and acknowledged to be an assignment of the application (invention)  
herein above referred to.

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

U.S. Patent Application Serial No. 11/063,664  
Attorney Docket No. 915-005.149

Signed at \_\_\_\_\_ this \_\_\_\_\_  
(city/state/country) (day)  
day of \_\_\_\_\_, 2004.  
(month)


Pasi OJALA

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_

Signed at Tampere this 1  
(city/state/country) (day)  
day of April, 2004.  
(month)

  
Jari MAKINEN

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness Toni Nieminen Date April 1st 2005

Witness Lasse Loaksonen Date April 1st 2005