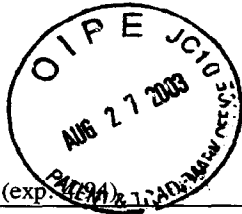


Form PTO-1595

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OMB No. 0651-0011 (exp. 01-01-04)



RECOR

09-05-2003



102542263

U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket No. 915-005.053

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Miska HANNUKSELA and
Ye-Kui WANG

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: August 6 and 12, 2003

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

NOKIA CORPORATION
Keilalahdentie 4
FIN-02150 Espoo
FINLAND

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 application, the execution date of the application is: _____

A. Patent Application No.(s)

10/426,928

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
☐ Authorized to be charged to credit card as shown on attached form PTO-2038

8. Deposit account number: 23-0442
(Attach duplicate copy of this page if paying by deposit account.)

Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attachment copy is a true copy of the original document.

Alfred A. Fressola, Reg. No. 27,550

Name of Person Signing

Signature

August 25, 2003

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT
REEL: 014445 FRAME: 0169

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, WE, Miska HANNUKSELA, a citizen of Finland residing at **Kukkaniitynkatu 4 B, FIN-33710 Tampere, Finland;** and **Ye-Kui WANG, a citizen of China** residing at **Ruovedenkatu 16, FIN-33720 Tampere, Finland,** 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 FOR CODING SEQUENCES OF PICTURES,** which is described in an application for Letters Patent of the United States, Serial No. **10/426,928** filed **April 30, 2003;** 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 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 Tampere / Finland this 12th day of
(city/state/country) (day)

August, in the year 2003.
(month)



Miska HANNUKSELA

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

Witness _____ Date _____

Witness _____ Date _____

Signed at _____ this _____ day of
(city/state/country) (day)

_____, in the year 2003.
(month)

Ye-Kui WANG

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

Witness  Date 8/12/2003

Witness Kaewin Date 8/17/2003

(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 _____ this _____ day of _____
(city/state/country) (day)

_____, in the year 2003.
(month)

Miska HANNUKSELA

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 / Finland this 06 day of _____
(city/state/country) (day)

08, in the year 2003.
(month)

Ye-Kui WANG

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

Witness Mika D Date 06. 08. 2003

Witness James Finelli Date 06. 08. 2003