



09-11-2009

T

U.S. Department of Commerce  
Patent and Trademark Office

103573646

torney Docket No. 915-005.239

and original documents or copy thereof.

To the Honorable Commissioner of Patents.

## 1. Name of conveying party(ies):

**Jarmo NIKULA, Samu KOSKINEN, and  
Tero RISSA**

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

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: 7/27/09; 7/28/09; 7/27/09

## 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)

**12/459,022**

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: 17. Total fee (37 CFR 3.41) \$ **40.00** ☒ Enclosed☐ Authorized to be charged to credit card as shown on attached form PTO-20388. 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

**September 3, 2009**

Date

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

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, **Jarmo NIKULA**, a citizen of Finland residing at Nilatie 6, 90940 Jääli, Finland; **Samu KOSKINEN**, a citizen of Finland residing Järvensivuntie 7 A 3, 33100 Tampere, Finland and **Tero RISSA**, a citizen of Finland residing at Siivikkalantie 45, 33450 Siivikkala, 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 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 ***An Adaptive Method for Processing Digital Images, and an Image Processing Device***, which is described in an application for Letters Patent of the United States filed on **June 24, 2009**, now bearing U.S. Patent Application Serial No. **12/459,022**; 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 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 Oulu / Finland this 27<sup>th</sup>  
(city/state/country) (day)

day of July, 2009.  
(month)

Jarmo Nikula  
Jarmo NIKULA

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

day of \_\_\_\_\_, 2009.  
(month)

\_\_\_\_\_  
Samu KOSKINEN

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

day of \_\_\_\_\_, 2009.  
(month)

\_\_\_\_\_  
Tero RISSA

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, **Jarmo NIKULA**, a citizen of Finland residing at Nilatie 6, 90940 Jääli, Finland; **Samu KOSKINEN**, a citizen of Finland residing Järvensivuntie 7 A 3, 33100 Tampere, Finland and **Tero RISSA**, a citizen of Finland residing at Siivikkalantie 45, 33450 Siivikkala, 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 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 ***An Adaptive Method for Processing Digital Images, and an Image Processing Device***, which is described in an application for Letters Patent of the United States filed on **June 24, 2009**, now bearing U.S. Patent Application Serial No. **12/459,022**; 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 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 \_\_\_\_\_ this \_\_\_\_\_  
(city/state/country) (day)

day of \_\_\_\_\_, 2009.  
(month)

\_\_\_\_\_  
**Jarmo NIKULA**

Signed at Tampere, Finland this 28  
(city/state/country) (day)

day of July, 2009.  
(month)

\_\_\_\_\_  
**Samu KOSKINEN**

Signed at Tampere, Finland this 27  
(city/state/country) (day)

day of July, 2009.  
(month)

\_\_\_\_\_  
**Tero RISSA**