Form PTO 1595 (Rev. 6-33) OMB No. 0651-0011 (exp. 4/94)

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Attorney Docket 5267-97PCON

To the Honorable Commissioner c. 103209	ached original documents or copy thereof.
Name of conveying party(ies):	2. Name and address of receiving party(ies):
Eiji ATSUMI	
Janne HAAVISTO	Name: Nokia Corporation
	Internal Address:
	Street Address: Keilalahdentie 4
	City: Espoo
	City: Espoo State/Country: Finland
Additional name(s) of conveying party(ies) attached? [] Yes [x] No	Name: Nokia Corporation Internal Address: Street Address: Keilalahdentie 4 City: Espoo State/Country: Finland Zip: FIN-02150
3. Nature of conveyance:	
[x] Assignment [] Merger	Additional name(s) & address(es) attached? [] Yes [x] No
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Execution Date: 02/08/2006, respectively	
4. Application number(s) or patent number(s):	
	ligation, the execution date of the application is:
If this document is being filed together with a new application, the execution date of the application is:	
A Patent Application No. (a)	B. Patent No.(s)
A. Patent Application No.(s) 11/299,577	n/a
'	
Additional numbers attached? [] Yes [x] No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Thomas Langer	7. Total fee (37 CFR 3.41):\$40.00
Internal Address: Cohen, Pontani, Lieberman & Pavane	
Street Address: 551 Fifth Avenue, 12th Floor	[x] Enclosed [x] Authorized to be charged to deposit account
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a	
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Edward M. Weisz Name of Person Signing Signature	March 25 2000
Name of Person Signing Signature Reg. No. 37,257	March 28, 2006 Date
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PATENT REEL: 017685 FRAME: 0983

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE the undersigned, (hereinafter referred to as "ASSIGNOR"):

Eiji ATSUMI and Janne HAAVISTO

Hereby sell, assign and transfer to NOKIA CORPORATION

a corporation of Finland , having a place of business at Keilalahdentie 4,

FIN-02150 Espoo, Finland , (hereinafter referred to as "ASSIGNEE"), its successors,
assigns and legal representatives, the entire right, title and interest for the United States and all
foreign countries, in and to the invention which is disclosed in the application for United States
Letters Patent, executed by the undersigned

- [] concurrently herewith,
- (x) on Dec. 12, 2005 , U.S. Patent Application Serial No. 11/299,577
- [] which is the U.S. national stage application of International PCT Application No.

 PCT/ and which is entitled

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention; (* Please see below)

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at

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REEL: 017685 FRAME: 0984

^{*} ELECTRONIC DEVICE FOR COMPRESSING IMAGE DATA AND PRODUCING THUMBNAIL IMAGE, IMAGE PROCESSING APPARATUS, AND DATA STRUCTURE

the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:

02/08/2006

month/day/year

Makiko TANAKA

Note: Signature of a witness is preferable, but not required.

[] Additional inventors on attached page.

RECORDED: 03/29/2006

Assignment

PATENT REEL: 017685 FRAME: 0985