

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| Erkki Juhani Tanskanen | 05/16/2008 |
| Markus Henrik Kaikkonen | 05/14/2008 |
| Pekka Kalervo Valipirtti | 05/14/2008 |
| Mikko Nirhamo | 05/26/2008 |
| Esa Pekka Isomursu | 05/19/2008 |
| Daniel Saffer | 05/15/2008 |
| Rachel Hinman | 05/15/2008 |
| Todd Elliott | 05/15/2008 |
| Alexa Andrzejewski | 05/14/2008 |
| Kim Lenox | 05/14/2008 |
| Sebastian Heycke | 05/14/2008 |

RECEIVING PARTY DATA

| | |
|-----------------|-------------------|
| Name: | Nokia Corporation |
| Street Address: | Keilalahdentie 4 |
| City: | Espoo |
| State/Country: | FINLAND |
| Postal Code: | FIN-02150 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12100764 |

CORRESPONDENCE DATA

Fax Number: (704)444-1111

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: Nathaniel T. Quirk

PATENT

500565848

REEL: 021091 FRAME: 0608

CH \$40.00 12100764

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Address Line 2: 101 SOUTH TRYON STREET, SUITE 4000
Address Line 4: CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:

042933/341350

NAME OF SUBMITTER:

Nathaniel T. Quirk

Total Attachments: 12

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Erkki Juhani Tanskanen**, residing at Luhtipolku 24 A 90, 01660 Vantaa, Finland; **Markus Henrik Kaikkonen**, residing at Mäkelininkatu 14 as. 6, 90100 Oulu, Finland; **Pekka Kalervo Valipirtti**, residing at Lastaajapiha 5, 90450 Kempele, Finland; **Mikko Nirhamo**, residing at Scharnhorststrasse 25, 10115 Berlin; **Esa Pekka Isomursu**, residing at Tervastie 12, 90650 Oulu, Finland; **Daniel Saffer**, residing at 1134 Haight Street, San Francisco, CA 94117; **Rachel Hinman**, residing at 6112 California St. Apt. #8, San Francisco, CA 94121; **Todd Elliott**, residing at 254A Hartford St., San Francisco, CA 94114; **Alexa Andrzejewski**, residing at 1 Bayside Village Pl Apt 211, San Francisco, CA 94107; **Kim Lenox**, residing at 5223 Coronado Avenue, Oakland, CA 94618; and **Sebastian Heycke**, residing at 263 Laguna Street, San Francisco, CA 94102, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR UPDATING A CONTENT ITEM for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on April 10, 2008, under Application No. 12/100,764; and

WHEREAS, NOKIA CORPORATION, a Finland corporation having a principal place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end


of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant, and agree to bind our heirs, legal representatives, and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 16
day of May, 2008.



(SEAL)

Erkki Juhani Tanskanen

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of 19.5., 2008.



(SEAL)

Markus Henrik Kaikkonen

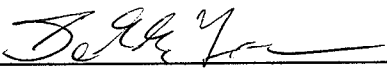
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of 14-May, 2008.


_____(SEAL)
Pekka Kalervo Valipirtti

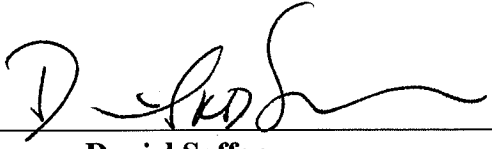
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of 26-May, 2008.


_____(SEAL)
Mikko Nirhamo


IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 19th
day of MAY, 2008.

 (SEAL)
Esa Pekka Isomursu

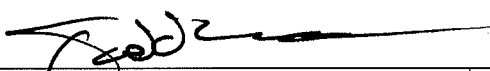
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 15th
day of MAY, 2008.


_____(SEAL)
Daniel Saffer

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of 5-15, 2008.


Rachel Hinman (SEAL)

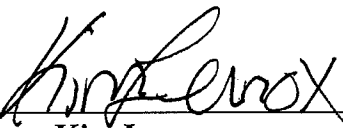
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this 15
day of May, 2008.


_____(SEAL)
Todd Elliott

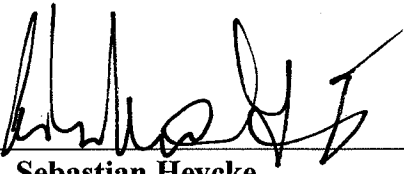
IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of S - 17, 2008.


_____(SEAL)
Alexa Andrzejewski

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of 5-14, 2008.

_____(SEAL)
Kim Lenox

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____
day of 5-17, 2008.



Sebastian Heycke (SEAL)