

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nokia Inc	03/26/2007

RECEIVING PARTY DATA

Name:	Nokia Corporation
Street Address:	Keilaniementie 2-4
City:	02150 Espoo
State/Country:	FINLAND

PROPERTY NUMBERS Total: 27

Property Type	Number
Patent Number:	6882642
Patent Number:	6757249
Patent Number:	6934250
Patent Number:	6898205
Patent Number:	6836463
Patent Number:	6704794
Patent Number:	7310335
Patent Number:	6904056
Patent Number:	6950398
Patent Number:	6947707
Patent Number:	7142527
Patent Number:	7290141
Patent Number:	6912197
Patent Number:	7230914
Patent Number:	7042885
Patent Number:	7076645

PATENT

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REEL: 020540 FRAME: 0061

OP \$1080.00 6882642

Patent Number:	7321970
Patent Number:	6947375
Application Number:	10843616
Application Number:	11551210
Application Number:	10083448
Application Number:	10607368
Application Number:	10602196
Application Number:	10611365
Application Number:	10737595
Application Number:	10823378
Application Number:	10887892

CORRESPONDENCE DATA

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NAME OF SUBMITTER:

RAVI KANAMANGALA

Total Attachments: 6

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PATENT ASSIGNMENT

Nokia Inc, a corporation organized under the laws of Delaware, United States with principal place of business at 6000 Connection Drive Irving, TX 75039 , (“**Assignor**”), does hereby sell, assign, transfer, and convey unto Nokia Corporation a Finnish entity having an address at Keilaniementie 2-4 02150 Espoo, Finland (“**Assignee**”), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the “**Assigned Patents**”):

(a) the provisional patent applications, patent applications and patents listed in the separate appendix 1 (the “**Assigned Patents**”);

(b) all patents and patent applications (i) to which any of the claims priority, (ii) for which any of the Patents forms a basis for priority, and/or (iii) that were co-owned applications that incorporate by reference the Assigned Patents (excluding for this purpose mere prior art references that are not incorporation by reference);

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models;

(e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Assigned Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) all inventions, invention disclosures, and discoveries described in any item in any of the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries to the extent that such inventions, invention disclosures and discoveries could be claimed in any of the Assigned Patents;

(g) all rights to apply in any or all countries of the world for patents, certificates of invention and utility models of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Assigned Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for

- (i) damages,
- (ii) injunctive relief, and
- (iii) any other remedies of any kind for past, current, and future infringement; and
- (i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

The Parties acknowledge that the Assigned Patents are currently registered at the name of Assignor and that the Assignment is executed for the purpose of transferring the registration of the Assigned Patents under the name of the Assignee in consideration of the fact that the Assignee has funded the development of the Assigned Patents. Assignment is subject to existing licenses and covenants not to sue.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives

In witness whereof, the Parties hereto have caused this Agreement to be executed in the manner legally binding upon them by causing authorised representatives to sign this Agreement.

Nokia Inc

Name:

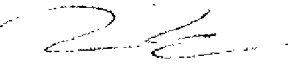


Date: MARCH, 26, 2007

Place: Irving, TX USA

Nokia Corporation

Name:



Date: 26 March, 2007

Place:

Espoo, FINLAND

Kaisu Korpua
Trademark Manager



Folke Johansson

Product Manager, 3GPP Portfolio

3-52

Family Code	Country	Application date	Application Number	Title	LATA
30302	AU	22.09.1999	21426/00	UNIFIED ROUTING SCHEME FOR AD-HOC INTERNETWORKING	Nokia Inc.
30302	CA	22.09.1999	2356947	UNIFIED ROUTING SCHEME FOR AD-HOC INTERNETWORKING	Nokia Inc.
30303	CA	16.10.2000	2387569	SYSTEM FOR COMMUNICATING LABELED ROUTING TREES TO ESTABLISH PREFERRED PATHS AND	Nokia Inc.
30319	CA	28.02.2002	2439680	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
34931	CN	19.12.2003	200380108879.1	METHOD TO PROTECT PRODUCT DIFFERENTIATION IN ELECTRONIC PRODUCT FAMILIES	Nokia Inc.
28809	CN	10.06.2004	200480017635.7	A METHOD OF REBOOTING A MULTI-DEVICE CLUSTER THAT MAINTAINS CLUSTER OPERATION	Nokia Inc.
28818	CN	10.06.2004	200480016845.4	A ROBUST AND EFFICIENT MONITORING SYSTEM OF NETWORK APPLIANCES	Nokia Inc.
28864	CN	10.06.2004	200480018576.5	A ROBUST AND EFFICIENT WAY TO DELIVER TIMELY UPDATES TO MESSAGE PROTECTORS FROM	Nokia Inc.
45038	CN	23.11.2004	200510005768.9	FAST RULE LOOKUP WITH ARBITRARY IP RANGE CONFIGURATIONS	Nokia Inc.
28809	CN	30.12.2004	200410081713.1	INFRASTRUCTURELESS CERTIFICATES	Nokia Inc.
30303	DE	16.10.2000	982648.8	SYSTEM FOR COMMUNICATING LABELED ROUTING TREES TO ESTABLISH PREFERRED PATHS AND	Nokia Inc.
30319	DE	28.02.2002	2707936.7	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
30302	EP	22.09.1999	99965722.4	UNIFIED ROUTING SCHEME FOR AD-HOC INTERNETWORKING	Nokia Inc.
30303	EP	16.10.2000	982648.8	SYSTEM FOR COMMUNICATING LABELED ROUTING TREES TO ESTABLISH PREFERRED PATHS AND	Nokia Inc.
17354	EP	27.04.2001	1930813.9	ROBUST TRANSPORT OF IP TRAFFIC OVER WDM USING OPTICAL BURST SWITCHING	Nokia Inc.
30319	EP	28.02.2002	2707936.7	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
30630	EP	25.11.2003	3775608.7	GATEWAY-IP STACK: A NEW METHOD OF IMPLEMENTING INTERNET PROTOCOL STACK	Nokia Inc.
34931	EP	19.12.2003	3796227.1	METHOD TO PROTECT PRODUCT DIFFERENTIATION IN ELECTRONIC PRODUCT FAMILIES	Nokia Inc.
28809	EP	10.06.2004	4736549.9	A METHOD OF REBOOTING A MULTI-DEVICE CLUSTER THAT MAINTAINS CLUSTER OPERATION	Nokia Inc.
28818	EP	10.06.2004	4736546.5	ROBUST AND EFFICIENT MONITORING SYSTEM OF NETWORK APPLIANCES	Nokia Inc.
28864	EP	10.06.2004	4736550.7	A ROBUST AND EFFICIENT WAY TO DELIVER TIMELY UPDATES TO MESSAGE PROTECTORS FROM	Nokia Inc.
28809	EP	23.11.2004	4798941.3	INFRASTRUCTURELESS CERTIFICATES	Nokia Inc.
30319	ES	28.02.2002	2707936.7	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
30319	FR	28.02.2002	2707936.7	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
30303	GB	16.10.2000	982648.8	SYSTEM FOR COMMUNICATING LABELED ROUTING TREES TO ESTABLISH PREFERRED PATHS AND	Nokia Inc.
30319	GB	28.02.2002	2707936.7	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
17434	GB	23.06.2003	427705.9	AUTHENTICATION OF REMOTELY ORIGINATING NETWORK MESSAGES	Nokia Inc.
30302	HK	22.09.1999	2102593.5	UNIFIED ROUTING SCHEME FOR AD-HOC INTERNETWORKING	Nokia Inc.
34931	IN	19.12.2003	1387CHENP/2005	METHOD TO PROTECT PRODUCT DIFFERENTIATION IN ELECTRONIC PRODUCT FAMILIES	Nokia Inc.
28818	IN	10.06.2004	171CHENP/2006	ROBUST AND EFFICIENT MONITORING SYSTEM OF NETWORK APPLIANCES	Nokia Inc.
28864	IN	10.06.2004	362CHENP/2006	A ROBUST AND EFFICIENT WAY TO DELIVER TIMELY UPDATES TO MESSAGE PROTECTORS FROM	Nokia Inc.
30319	IT	28.02.2002	2707936.7	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
28818	JP	10.06.2004	2006-516529	ROBUST AND EFFICIENT MONITORING SYSTEM OF NETWORK APPLIANCES	Nokia Inc.
28809	KR	10.06.2004	7024106/2005	A METHOD OF REBOOTING A MULTI-DEVICE CLUSTER THAT MAINTAINS CLUSTER OPERATION	Nokia Inc.
28864	KR	10.06.2004	7025515/2005	A ROBUST AND EFFICIENT WAY TO DELIVER TIMELY UPDATES TO MESSAGE PROTECTORS FROM	Nokia Inc.
28809	KR	30.12.2004	117001/2004	INFRASTRUCTURELESS CERTIFICATES	Nokia Inc.
45038	KR	10.01.2005	2240/2005	FAST RULE LOOKUP WITH ARBITRARY IP RANGE CONFIGURATIONS	Nokia Inc.
45229	TW	28.06.2005	94121529	A METHOD AND SYSTEM FOR A CONTROL MARKER CHAINING MECHANISM	Nokia Inc.
16670	US	14.10.1999	09/419728	METHOD AND APPARATUS FOR INPUT REGULATION ASSOCIATES WITH A PACKET PROCESSING	Nokia Inc.
16671	US	14.10.1999	09/418683	METHOD AND APPARATUS FOR OUTPUT RATE REGULATION AND CONTROL ASSOCIATED WITH A	Nokia Inc.
16673	US	14.10.1999	09/418690	METHOD AND APPARATUS FOR AN OUTPUT PACKET ORGANIZER	Nokia Inc.
30303	US	15.10.1999	09/418700	SYSTEM FOR COMMUNICATING LABELED ROUTING TREES TO ESTABLISH PREFERRED PATHS AND	Nokia Inc.
16669	US	03.03.2000	09/518662	VERY HIGH SPEED SEGMENTATION AND REASSEMBLY	Nokia Inc.
17354	US	03.05.2000	09/563338	ROBUST TRANSPORT OF IP TRAFFIC OVER WDM USING OPTICAL BURST SWITCHING	Nokia Inc.
30316	US	31.10.2000	09/703074	A METHOD FOR MULTICAST ROUTING IN WIRELESS NETWORKS	Nokia Inc.
30523	US	29.12.2000	09/753300	METHOD FOR MEASURING AND CORRECTING IMPERFECTIONS IN MULTICARRIER TRANSMITTERS	Nokia Inc.
16679	US	30.03.2001	09/823786	METHOD & APPARATUS FOR IMPROVED SCHEDULING TECHNIQUE	Nokia Inc.
17375	US	12.04.2001	09/834264	METHOD FOR MANAGING MULTIPLE DYNAMIC E-MAIL ALIASES	Nokia Inc.

17514	US	29.06.2001	09/696241	SEQUENCE ESTIMATION FOR VERIFICATION OF FILTERED TRANSMIT DIVERSITY WEIGHTS	Nokia Inc.
17398	US	22.06.2001	09/934073	AN IP/MPLS-BASED TRANSPORT SCHEME IN 3G RADIO ACCESS NETWORKS	Nokia Inc.
30581	US	25.02.2002	10/083448	STRONG AUTHENTICATION ACHIEVED IN A SINGLE ROUND TRIP	Nokia Inc.
30319	US	28.02.2002	10/087661	A SYSTEM FOR TRANSMISSION SCHEDULING USING NETWORK-WIDE MEMBERSHIP INFORMATION	Nokia Inc.
17425	US	27.06.2002	10/180204	ELECTRONIC DISC JOCKEY SERVICE	Nokia Inc.
17434	US	27.06.2002	10/180096	AUTHENTICATION OF REMOTELY ORIGINATING NETWORK MESSAGES	Nokia Inc.
30629	US	22.11.2002	10/302743	ALGORITHM FOR IMPLEMENTING REDUNDANCY FOR MULTILINK POINT TOPOINT PROTOCOL	Nokia Inc.
30634	US	05.12.2002	10/313945	SWITCH TAG FOR A ROUTING PLATFORM	Nokia Inc.
34931	US	30.12.2002	10/330683	METHOD TO PROTECT PRODUCT DIFFERENTIATION IN ELECTRONIC PRODUCT FAMILIES	Nokia Inc.
30637	US	27.01.2003	10/353196	A SCHEME FOR LINE CARD REDUNDANCY SWITCH OVER AT HARDWARE SPEEDS IN A NETWORK	Nokia Inc.
30648	US	03.03.2003	10/379400	METHOD AND APPARATUS FOR HARDWARE ASSIST MECHANISM FOR ADDRESS RESOLUTION (ARP)	Nokia Inc.
30632	US	25.04.2003	10/424222	CRDP ENABLING DISTRIBUTED RTFM	Nokia Inc.
28818	US	17.06.2003	10/464359	ROBUST AND EFFICIENT MONITORING SYSTEM OF NETWORK APPLIANCES	Nokia Inc.
28812	US	23.06.2003	10/602196	OPERATING SYSTEM SOFTWARE ANTI-TAMPERING MECHANISM	Nokia Inc.
28808	US	25.06.2003	10/607368	A SYSTEM FOR JOINING A CLUSTER BY CLONING CONFIGURATION	Nokia Inc.
28809	US	25.06.2003	10/606645	A METHOD OF REBOOTING A MULTI-DEVICE CLUSTER THAT MAINTAINS CLUSTER OPERATION	Nokia Inc.
28864	US	30.06.2003	10/611365	A ROBUST AND EFFICIENT WAY TO DELIVER TIMELY UPDATES TO MESSAGE PROTECTORS FROM	Nokia Inc.
34993	US	15.12.2003	10/737595	A NEW APPROACH FOR DATA SOURCE AUTHENTICATION FOR MULTICAST SECURITY	Nokia Inc.
34937	US	15.12.2003	10/737696	USER INTERFACE TO PROVIDE CONFIGURATION PROTECTION (NOKIA HORIZON MANAGER DO NO	Nokia Inc.
28909	US	30.12.2003	10/748760	INFRASTRUCTURELESS CERTIFICATES	Nokia Inc.
45038	US	14.01.2004	10/757801	FAST RULE LOOKUP WITH ARBITRARY IP RANGE CONFIGURATIONS	Nokia Inc.
28908	US	12.04.2004	10/823378	NETWORK AUTHORIZATION SYSTEM USING ATTRIBUTE CERTIFICATES	Nokia Inc.
30303	US	12.05.2004	10/843616	SYSTEM FOR COMMUNICATING LABELED ROUTING TREES TO ESTABLISH PREFERRED PATHS AND	Nokia Inc.
45133	US	25.06.2004	10/887892	ATOMIC CLUSTER CONFIGURATION	Nokia Inc.
45229	US	30.06.2004	10/883354	A METHOD AND SYSTEM FOR A CONTROL MARKER CHAINING MECHANISM	Nokia Inc.
45162	US	25.08.2004	10/926741	USING PATRICIA TREE AND LONGEST PREFIX MATCH FOR POLICY-BASED ROUTE LOOKUP	Nokia Inc.
45038	WO	23.11.2004	PCT/IB2004/003830	FAST RULE LOOKUP WITH ARBITRARY IP RANGE CONFIGURATIONS	Nokia Inc.
34993	WO	10.12.2004	PCT/IB2004/004052	A NEW APPROACH FOR DATA SOURCE AUTHENTICATION FOR MULTICAST SECURITY	Nokia Inc.
28908	WO	25.03.2005	PCT/IB2005/00828	NETWORK AUTHORIZATION SYSTEM USING ATTRIBUTE CERTIFICATES	Nokia Inc.
45133	WO	23.06.2005	PCT/IB2005/001785	ATOMIC CLUSTER CONFIGURATION	Nokia Inc.
45229	WO	23.06.2005	PCT/IB2005/001790	A METHOD AND SYSTEM FOR A CONTROL MARKER CHAINING MECHANISM	Nokia Inc.