OIPE 11 15	OCC 10 17.37566X00/26053				
FORM PTO-1595 1-31 92 OCT 1 0 2000 1 1 - 15 - 10 10 10 10 10 10 10 10 10 10 10 10 10	EET COMMERCE Patent and Trademark Office				
1. Name of conveying party(ies): (1) Heidi KARVES; (2) Eeva-Liisa HEINONEN; (3) Jaakko ITAVAARA; (4) Kai KRONSTROM; (5) Kari LEHTINEN; (6) Jari MONONEN; (7) Petri NYKANEN; (8) Mikko VIRTANEN Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment	2. Name and address of receiving party(ies): Name: NOKIA CORPORATION Street Address: Keilalahdentie 4 City: FIN-02150 ESPOO Country: FINLAND Additional name(s) & address(es) attached? Yes No				
4. Application number 09/544,141 If this document is being filed together with a new application. A. Patent Application No.	B. Patent No.(s)				
Additional numbers attached	ched? Yes X No				
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$40.00 Enclosed - Credit Card Payment Form Any deficiencies may be charged to deposit account				
Street Address: Street Address: 1300 North Seventeenth Street Suite 1800 State: VA Zip: 22209	Any deficiencies may be charged to deposit account Authorized to be charged to deposit account 8. Deposit account number: 01-2135 (Attach duplicate copy of this page if paying by deposit account)				
City: Arlington States 11/13/2000 ANHED1 00000105 09544141 DO NOT US	E THIS SPACE				
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 true copy of the original document. Larry N. Anagnos Name of Person Signing Attorney Registration No. 32,392 Total number of pages including cover sheet, attachments, and document: 3					

OMB No. 0651-0011 (exp. 4/94)

PATENT REEL: 011228 FRAME: 0290

ASSIGNMENT

ATTY, DOCKET NO..

017.37566X00/26053

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

METHOD AND SYSTEM FOR MAKING ACCESSIBLE WIRELESSLY A NETWORK PHONEBOOK AND JOURNAL DATABASE

9	for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.				
:	for which U.S. Application	Serial No. 09/544,141	for Letters Patent was filed in the	U.S. Patent and Trademark Office on	
	April 6, 2000				
9	for which an International A	application was filed on	as	, designating the United States.	
	AND WHEREAS	NOKIA CORPORATIO Keilalahdentie 4, FIN-02	N 2150 ESPOO, FINLAND		

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor. including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonneli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

PATENT REEL: 011228 FRAME: 0291

201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	Heidi Karves	the hm	12.9.2000
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Eeva-Liisa Heinonen	Elle	(2, 5, 2000
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Jaakko Itavaara	200	- 05.10.2000
04	FULL NAME OF POURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	PATE
	Kai Kronstrom	his the	27.9.2000
205	FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Kari Lehtinen	ar 6	12.09.2000
06	FULL NAME OF SIXTH JOINT (NVENTOR	INVENTOR'S SIGNATURE	DATE
	Jari Mononen	Y	12.09.2000
07	FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	Petri Nykanen	Per Man	(3.09,2000
80	FULL NAME OF EIGHTH JOINT INVENTOR	INVESTOR'S SIGNATURE	DATE
	Mikko Virtanen	Milledia	15.9.2000
09	FULL NAME OF NINTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
10	FULL NAMB OF TENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
11	FULL NAME OF ELEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE

PATENT **REEL: 011228 FRAME: 0292**