10-18-200	DOCKET NO.: 892.40310A00				
FOKM PTO-1595	SHEET  U.S. DEPARTMENT OF COMMERC  O O O Catent and Trademark Office				
To the Honorable Commissioner Patents and 1 rademarks: Plea	ise record the attached original documents or copy thereof.				
Name of conveying party(ies):     Tetsuya YAMAMOTO	Name and address of receiving party(ies):     Name: Nokia Corporation				
Additional name(s) of conveying party(ies) attached?  Yes X No	Street Address: Keilalahdentie 4, Fin-02150				
3. Nature of conveyance:  Assignment	City: Espoo  Country: Finland  Additional name(s) & address(cs) 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) 09/894,883 Filed June 29, 2001	B. Patent No.(s)				
Additional numbers attached?  Ves  No					
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1				
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP Internal Address:	7. Total fee (37 CFR 3.41)\$40.00  Enclosed  Any deficiencies may be charged to deposit account  Authorized to be charged to deposit account				
Street Address: 1300 North Seventeenth Street Suite 1800	8. Deposit account number: 01-2135				
City: Arlington State: VA Zip: 22209	(Attach duplicate copy of this page if paying by deposit account)				
DO NOT USE THIS SPACE					
9. Statement and signature.  To the best of my knowledge and belief, the foregoing info of the original document.  Robert M. Bauer  Name of Person Signing  Attorney Registration No. 34,487  Total number of pages including cover sheet, attachments, and document: 2  OMB No. 0651-0011 (exp. 4/94)	ormation is true and correct and any attached copy is a true copy  October 10, 2001  Date				
10/12/2001 NMOHAMM1 00000090 012135 098948B3					
01 FC:581 40.00 DP					

PATENT REEL: 012245 FRAME: 0283

## **ASSIGNMENT**

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

## CHARGING SYSTEM

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. 09/894,883

for Letters Patent was filed in the U.S. Patent and Trademark Office on

June 29, 2001

for which an International Application was filed

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, designating the United States.

AND WHEREAS

NOKIA CORPORATION Keilalahdentic 4 FIN-02150 Espoo, FINLAND

hereinalter 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, relssues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereaf is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transferr 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 accountries 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 Antonelli, 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 Trudemark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

Z01	Pull name of sole or first named inventor	INVENTORN SIGNATURE	DATE
	Tetsuya YAMAMOTO	1-1 m	Sep 21 2001
202	Pull name op second joint inventor	inventor's signature	DATE
203	FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
204	FULL NAME OF FOURTH JOINT INVENTOR	inventor's signature	DATE
205	Full name of rifth joint inventor	INVENTOR'S SIGNATURE	DATIE
206	FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
212	FULL NAME OF TWELFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE.

PATENT REEL: 012245 FRAME: 0284