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FORM PTO-1595

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M&G- 8603.40USWO

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09-23-1999

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



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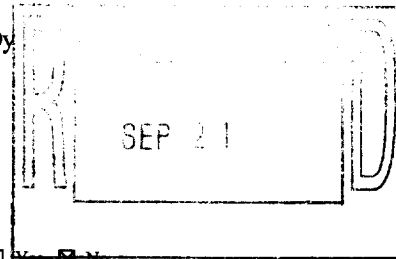
To the Commissioner of Patents and Trademarks: Please record the attached original document.

1. Name of conveying party(ies):

Marcos Katz

2. Name and address of receiving party(ies):

Nokia Telecommunications Oy
Keilalahdentie 4
Fin-02150 Espoo
Finland



Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: August 27, 1999

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)

B. Patent No.(s)

09/355,137

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John J. Gresens
Address: Merchant & Gould P.C.
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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 true copy of the original document.

John J. Gresens

Name of Person Signing

Signature

September 17, 1999

Date

Total number of pages including cover sheet, attachments, and document: 2

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40.00 DP

PATENT
REEL: 010246 FRAME: 0849

INSTRUCTIONS**ASSIGNMENT OF U.S. RIGHTS TO CORPORATION**

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Marcos Katz residing at Aleksanterinkatu 15 A 7, Fin-90100, Oulu, Finland
and a citizen of Argentina;
2. residing at and a citizen of ;
3. residing at and a citizen of ;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have
executed an application for Letters Patent of the United States on for this
invention, which application is entitled METHOD AND APPARATUS FOR
DIRECTIONAL RADIO COMMUNICATION and which has been given Serial
Number 09/355,137 and the filing date of ;

Name of Corporation

AND WHEREAS Nokia Telecommunications Oy (herein called "ASSIGNEE"),
a corporation organized under the laws of Finland, and having an office and
place of business at Keilalahdentie 4, Fin-02150 Espoo, Finland

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and
patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and
other good and valuable consideration, the receipt and sufficiency of which is
hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to
the ASSIGNEE, its successors and assigns, the entire right, title and interest for
the United States in and to the invention disclosed in the aforesaid application,
and in and to the said application, all divisions, continuations, or renewals
thereof, all Letters Patent which may be granted therefrom, and all reissues or
extensions of such patents, and THE UNDERSIGNED hereby authorize and
request the Commissioner of Patents to issue any and all United States Letters
Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and
interest in and to the same, for the use of the ASSIGNEE, its successors and
assigns.

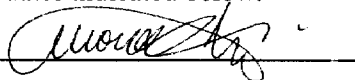
THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors
and legal representatives will make, execute and deliver (without charge but at
the expense of the ASSIGNEE) any and all other instruments in writing including
any and all further application papers, affidavits, assignments and other
documents, and will communicate to said ASSIGNEE, its successors and
representatives all facts known to THE UNDERSIGNED relating to said
invention and the history thereof and will testify in all legal proceedings and
generally do all things which may be necessary or desirable to vest the
ASSIGNEE, its successors or assigns the entire right, title and interest in and to
the said invention, applications, Letters Patent, rights, titles, benefits, privileges
and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors
and assigns, that no assignment grant, mortgage, license or other agreement
affecting the rights and property herein conveyed has been or will be made to
others by THE UNDERSIGNED, and that full right to convey the same as herein
expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their
hand on the dates indicated below.

Each inventor must sign & date

Signature



Date

27.08.99Note: No legalization or other
witness required

Signature

Date

Signature

Date

PATENT**REEL: 010246 FRAME: 0850**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KATZ	Examiner:	Unknown
Serial No.:	09/355,137	Group Art Unit:	Unknown
Filed:	July 23, 1999	Docket:	8603.40USWO
Notice of Allow. Date:	Na	Batch No.:	Na
Due Date:	September 19, 1999		
Title:	METHOD AND APPARATUS FOR DIRECTIONAL RADIO COMMUNICATION		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, as first class mail, with sufficient postage, in an envelope addressed to: Box ASSIGNMENTS Assistant Commissioner for Patents, Washington, D.C. 20231, on September 17, 1999.

By: 

John J. Gresens

Box ASSIGNMENTS
Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal Sheet in duplicate containing Certificate of Mailing
- ☒ Assignment of the invention to Nokia Telecommunications Oy, Recordation Form Cover Sheet, and fee of \$40.00
- ☒ Check(s) in the amount of \$40.00, for Assignment Recordation Fee
- ☒ Return postcard

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

MERCHANT & GOULD P.C.
3100 Norwest Center, Minneapolis, MN 55402
(612) 332-5300

By: 

Name: John J. Gresens

Reg. No.: 33,112

JJG/sef

(PTO TRANSMITTAL - GENERAL)

RECORDED: 09/21/1999

PATENT
REEL: 010246 FRAME: 0851