

04-17-2003

By Express Mail # EV158620990US · December 30, 2002

Rec'd PCT/PTO 30 DEC 2002

Form PTO 1
(Rev. 6-93)
OMB No. 04



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Attorney Docket 4925-276PUS

102422438

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Ilkka KESKITALO
Juha YLITALO
Marcos KATZ

12.30.02

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

Internal Address:

Street Address: Keilalahdentie 4
City: Espoo
State/Country: Finland
Zip: FIN-02150

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

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

Execution Date: 10/21/2002; 10/30/2002

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)
10/240,628

B. Patent No.(s)
n/a

Additional numbers attached? Yes No

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

Name: Michael C. Stuart
Internal Address: Cohen, Pontani, Lieberman & Pavane
Street Address: 551 Fifth Avenue, 12th Floor
City: New York State: New York Zip: 10176

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. Deposit account number: 03-2412
(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 information is true and correct and any attached copy is a true copy of the original document.

Michael C. Stuart
Name of Person Signing
Reg. No. 35,698

Signature

December 30, 2002
Date

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

4

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Washington, D.C. 20231

01/06/2003 GFREY1 00000083 10240628

02 FC:8021

40.00 OP

A S S I G N M E N T

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Ilkka KESKITALO, Juha YLITALO, Marcos KATZ** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **Nokia Corporation** (hereinafter referred to as "ASSIGNEE"), a corporation of Finland, having a place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, which is the U.S. national stage application of International PCT Application No. **PCT/EP00/03137**, filed on **07 April 2000**, and which is entitled

MULTI-ANTENNA TRANSMISSION METHOD AND SYSTEM

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

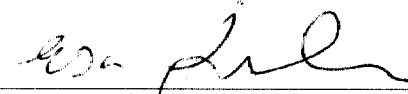
Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional,

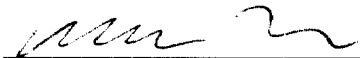
continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 10/30/2002
month/day/year



Ilkka KESKITALO


Witness


Witness
MATTI KESKI

Date: 10/30/2002
month/day/year


Juha YLITALO

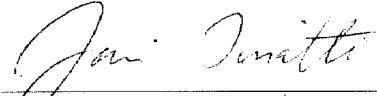

Witness


Witness

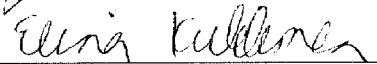
Date: 10/21/2002
month/day/year



Marcos KATZ



Witness *Jari Junatti*



Witness ELINA KUKKONEN