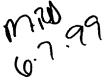
FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)



06-09-1999



101059657 M&G-10178.83USWO To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Mika RAITOLA Nokia Telecommunications Oy Harri JOKINEN Keilalahdentie 4 Pekka RANTA FIN-02150 Espoo Finland Additional name(s) of conveying party(ies) attached?

Yes

No Nature of conveyance: Assignment Merger Security Agreement Change of Name Other: Execution Date: 21, 26 and 29 January 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) 09/242405 Additional numbers attached? ☐ Yes ☑ No Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: 1 document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Name: Michael B. Lasky Address: Merchant, Gould, Smith, Edell, Authorized to be charged to deposit account Welter & Schmidt, P.A. 8. Please charge any additional fees or credit any 3100 Norwest Center overpayments to our Deposit account number: 13-2725 90 South Seventh Street Minneapolis, Minnesota 55402–4131 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 B. Lasky 3 June 1999 Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 2 Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

06/09/1999 DNGUYEN 00000057 09242405 01 FC:581 40.00 DP

> PATENT REEL: 009998 FRAME: 0712

ASSIGNMENT

WHEREAS, Mika Raitola Nissnikuntie 7 B 5	Harri Jokinen	Pekka Ranta
Nissnikuntie 7 B 5	Vähähiidentie 450	Tiesmäenpolku 4
Finland	FIN-23570 Hiisi Finland	Finland
have_ invented certain new and useful improve		
receiver		
for which we are about to make		
(I/we have made-or an	n/are about to make)	application for Detters
Patent of the United States of America;		
AND WHEREAS, NOKIA TELECOMMU Keilalahdentie FIN-02150 Espoo	UNICATIONS OY 4 5, Finland	
desirous of acquiring an interest therein and in	n the Letters Patent to be obt	ained therefor from the
United States;		•
NOW THEREFORE, be it known by all	whom it may concern, that for	and in consideration of
	Ten	Dollars (\$
tous in hand paid, the receipt of which is		
to in hand paid, the receipt of which is	nereby acknowledged	
have assigned, sold, and set over, and by these p	• • • •	
NOKIA TELECOMMUNICATIONS OY		
*our entire		
as fully set forth and described in the:		
te (a) specification prepared and executed by	on the day o	of, 19,
olicable ling (b) application filed on the15thday	of_August 19 97 Se	orial No PCT/FI97/00479
preparatory to obtaining Letters Patent theref		ind Letters Patent to be
held and enjoyed by the saidNOKIA_TELECO		
fortheir own use and behoof, and for the	heir legal representatives,	to the full end of the term
for which said Letters Patent are granted, as	fully and entirely as the same	would have been held by
_us had this assignment and sale not bee		
		- CE.
IN TESTIMONY WHEREOF, here the Espoo, Finland this 21st		
this -215t	day of January Miken Rule	
	(Inventor	r's full Signature)
	- -	ali

PATENT

REEL: 009998 FRAME: 0713

^{*} State whether the full and exclusive right, or what part of the whole interest is assigned.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Raitola, et al.

Serial No.:

09/242405

Filed:

16 February 1999

Docket:

10178.83USWO

Title:

DIVERSITY COMBINING METHOD, AND RECEIVER

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 Assignment Assistant Commissioner for Patents, Washington, D/C/20231, on 3 June

By:

Michael B. Lask

Box Assignment

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

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

RECORDED: 06/07/1999

By:

Name: Michael B. Lask

Reg. No.: 29,555

MBL/ssh

(PTO TRANSMITTAL - GENERAL)

PATENT REEL: 009998 FRAME: 0714