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1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1) Ari TOURUNEN 2) Juha KALLIOKULJU 3) Jan SUUMAKI 4) Hans KALLIO	Name: Nokia Mobile Phones Ltd.
Additional name(s) of conveying party(ies) attached?	Address: Keilalahdentie 4
3. Nature of Conveyance:  Assignment	City: 02150 Espoo State: ZIP Code:  Country: Finland
Execution Date: All four signed on 23 January 2001	Additional name(s) & address(es) attached?  Yes No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, A. Patent Application No.(s):	the MAILING DATE of the application is: 9 February 2001  B. Patent No.(s):
5. Name and address of party to whom correspondence	6. Total number of applications
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**PATENT** 

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## **ASSIGNMENT**

WHEREAS Ari TOURUNEN	Leilitie 1 D 36, FIN-02230 Espoo, Finland
	e 5, FIN-37470 Vesilahti, Finland
•	23, FIN-33720 Tampere, Finland
Hans KALLIO; Lapintie 4 B 6, F	
have invented certain new and useful	improvements in data transmission
for which we are about to make	
	application for Letters
Patent of the United States of America	1;
AND WHEREAS, NOKIA MO	BILE PHONES LTD.
Keilalahdent	ie 4, FIN-02150 Espoo, Finland
desirous of acquiring an interest ther	ein and in the Letters Patent to be obtained therefor from the
United States;	
NOW THEREFORE, be it know	vn by all whom it may concern, that for and in consideration of
to us in hand paid, the receipt of whic	h is hereby acknowledged we
	by these presents do hereby assign, sell, and set over unto the
said	of these presents as never assign, sen, and ser ever anto the
NOKIA MOBILE PHONES LTD.	
* our entire	right, title, and interest in and to the said invention,
as fully set forth and described in the:	
ete (a) specification prepared and o	executed by us on the 23rdday of Jan., 2001,
ding b) application filed on the	day of, 20, Serial No,
preparatory to obtaining Letters Paten	t therefor; said invention, application and Letters Patent to be
neld and enjoyed by the said <u>NOKIA</u>	MOBILE PHONES LTD.
or their own use and behoof, ar	nd for their legal representatives, to the full end of the term
or which said Letters Patent are grant	ted, as fully and entirely as the same would have been held by
had this assignment an	d sale not been made.
IN TESTIMONY WHEREOF,	hereunto set hand and affix seal
nt	
Espoo this	23rdday of, A.D. 2001
	1. (
	, A Voumen
	(Inventor's full Signature)
	1 her
	In Sunt How held
	In Sull: Kees kee

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

**RECORDED: 02/09/2001** 

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