04-18-2001

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Esa TIIR	OLA 🖕	Nokia Ne	etworks Oy
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		30/01 Keilalaho FIN-0212 Finland	50 Espoo
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	s(s) of conveying party(ies) Yes	No Additional name	e(s) & addresses attached? 🔲 Yes 🛛 No
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Execution Da	ate: 19 December 2000; 27 Dec	ember 2000	
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4. Applicati	on number(s) or patent number	(s)	
If this do	sument is being filed together w	ith a new application, the exec	ution date of the application is: 19 December
	comber 2000	at a new application, the exec	and all of the application is. To become
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A. Patent A	pplication Number(s)	Patent Nu	umber(s) 0982193/
5 Namo ar	Ad Address of party to whom co	Iditional numbers attached? Yes Trespondence 6 Total nu	mber of applications and patents involved: 1
	locument should be mailed:	7. Total fee	e (37 C.F.R. §3.41) \$40.00
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Name	Michael B. Lasky		lited or debited to deposit account
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			PATENT

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PATENT REEL: 011680 FRAME: 0235

ASSIGNMENT

WHEREAS, Esa Tiirola, Rensselikuja 5 N 19, FIN-90630 Oulu, Finland

Juha Ylitalo, Alangontie 9 A, FIN-90540 Oulu, Finland

have invented certain new and useful i	improvements in <u>Rake receiver</u>
for which we are about to make	application for Letters
(1/We have madeo Patent of the United States of America	or am/are about to make)
AND WHEREAS, <u>Nokia Netwo</u>	orks Oy
Keilalahdenti	ie 4, FIN-02150 Espoo, Finland
desirous of acquiring an interest there	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
	Ten Dollars (\$10
to <u>us</u> in hand paid, the receipt of which	h is hereby acknowledged <u>we</u>
have assigned, sold, and set over, and b	by these presents do hereby assign, sell, and set over unto the said
Nokia Networks Oy	
* our entire	right, title, and interest in and to the said invention,
as fully set forth and described in the:	
addicade	executed by on the day of, 20, <u>h</u> day of <u>Nov.</u> , 20 <u>1999</u> , Serial No. <u>PCT/FI99/00984</u> ,
preparatory to obtaining Letters Paten	t therefor; said invention, application and Letters Patent to be
held and enjoyed by the said Nokia Net	tworks Oy
for their own use and behoof, an	nd for their legal representatives, to the full end of the term
for which said Letters Patent are grante	ed, as fully and entirely as the same would have been held by
tor which said Letters Patent are granted us had this assignment and	
us had this assignment and	-
us had this assignment and IN TESTIMONY WHEREOF,	d sale not been made.
us had this assignment and IN TESTIMONY WHEREOF,	d sale not been made. hereunto set hand and affix seal at
us had this assignment and IN TESTIMONY WHEREOF,	d sale not been made. hereunto sethandand affixsealat 19/27day ofDecember, A.D. 2000.

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

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RECORDED: 03/30/2001