Form PTO 159	95	Recorda	09-28-2000	ra Docket No. 781.358USW1 Department of Commerce
	Malzi	P#		ent and Trademark Office
To the Honoral	ble Commissioner of Patent	s and Trademarks: Plea	101473969	vy thereof
1. Name o	f conveying party(ies)		2. Name and address of re	• •
Leif FRI Jukka P	MAN IETULÄ		Nokia Networks OY Keilalahdentie 4 FIN-02150 Espoo Finland	
Additional name	es(s) of conveying party(ies of conveyance:	Yes 🛭 No	Additional name(s) & addresses attached? ☐ Yes ☒ No	
Assignm Security Other	nent [	Merger Change of Name		
Execution D	ate: 18 and 22 May 20	00		
4. Applicati	ion number(s) or pater	t number(s)		
If this do	cument is being filed t	ogether with a new appli	ication, the execution date of the	application is:
A. Patent A 09/5921	application Number(s)		Patent Number(s)	
			attached? ☐ Yes ⊠ No	
	nd address of party to document should be m	whom correspondence ailed:	7. Total fee (37 C.F.R. §3.4	ons and patents involved: 1 1) \$40.00 ess or insufficiency should be
Name Address:	Michael B. Lasky Altera Law Group 10749 Bren Road	East. Opus 2	credited or debited to Authorized to charge	deposit account
	Minneapolis, Minn		8. Deposit Account number	: 50-1038
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<u>Michael</u>		$-\mathcal{W}$	Cuix XV	<u>September 19, 2000</u>
Name of Per	son Signing 00000220 09592156	<i>ly</i> Si	gnaturè	Date
#C:581	40.00 (	n	Total number of pages including cover	sheet, attachments, and document: 2
ILLES SULL	CERTIFICATE UNDER 3 paper, as described here sufficient postage, in an e 20231 on September 19, Michael B. Lasky	7 C.F.R. 1.8: The undersigne in, are being deposited in the landle and the landle	d hereby certifies that this Transmittal Le United States Postal Service, as first clas ant Commissioner for Patents, Washingt	ss mail, with
	Name		Signature	

PATENT
REEL: 011105 FRAME: 0873

## PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

## WHEREAS.

1. **Leif FRIMAN** residing at Satakunnanpolku 34, FIN-04400 Järvenpää, Finland 2. **Jukka PIETILÄ** residing at Sakarinkatu 3 B 38, FIN-00500 Helsinki, Finland both citizens of Finland:

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled **Channel** allocation method and device in mobile system and a mobile system base station

AND, WHEREAS, **NOKIA NETWORKS OY**, hereafter referred to as ASSIGNEE, a Corporation organized under the laws of Finland and whose place of business and business address is Keilalahdentie 4, FIN-02150 Espoo, Finland, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFOR, in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to 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 and 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 assignees, 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.

tent Flina	18 MAY 2000
Leif Friman	Date
Jukher Pith a	22 Hay 2000
Jukka Pietilä	Date
*****	
	Date

No Legalization Required

PATENT RECORDED: 09/21/2000 REEL: 011105 FRAME: 0874