07-21-2000

Altera Docket No. 796.356USW1

U.S. Department of Commerce

Datast and Tradamark Office

	TODAY THE TODAY NOT BY AND B	Patent and Trademark Of	
	10141	0004	P To
To the Honorable	Commissioner of Patents and Trademarks: Please recor	d the attached original documents or copy thereof	
1. Name of c	conveying party(ies)	2. Name and address of receiving party(ies):	604
Eino Sarko	ola	Nokia Networks Oy Keilalahdentie 4 FIN-02150 Espoo FINLAND	JC836 09/
Additional names(s) of conveying party(ies) ☐ Yes ☒ No		Additional name(s) & addresses attached? ☐ Yes ☒ No	
3. Nature of	conveyance:		
Assignment Security A			
Execution Dat	e: 12 June 2000		
4. Applicatio	n number(s) or patent number(s)		
If this doc	ument is being filed together with a new applic	ation, the execution date of the application is: 12 J	une 2000
A. Patent Ap	plication Number(s)	Patent Number(s) 69 604 501	
i	Additional numbers at	tached? ☐ Yes ☒ No	
	d address of party to whom correspondence ocument should be mailed: Michael B. Lasky Altera Law Group 10749 Bren Road East, Opus 2 Minneapolis, Minnesota 55343-9056	 6. Total number of applications and patents in 7. Total fee (37 C.F.R. §3.41) \$40 ☑ Enclosed – Any excess or insufficiency credited or debited to deposit account ☑ Authorized to charged to deposit account 8. Deposit Account number: 50-1038 	should be
	DO NOT US	E THIS SPACE	
9. Statemen	t and Signature:		L.C.L.Sie V.
	st of my knowledge and belief, the foregoing in e original document.	iformation is true and correct and any attached cor	
Michael B. Lasky		27 June 200	
Name of Pers	on Signing Sig	nature / Date	9
	\	Total number of pages including cover sheet, attachments, an	id document: 2
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PATENT REEL: 010925 FRAME: 0687

PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS.

1. Eino Sarkola residing at Kantokaski 12, FIN-02340 Espoo, Finland and a citizen of Finland;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled LEVELLING OUT OF INTERFERENCE IN A MOBILE NETWORK USING A HOPPING METHOD

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.

| 12.6.2000 | | Date |

No Legalization Required

PATENT
RECORDED: 06/27/2000 REEL: 010925 FRAME: 0688