Altera Docket No. 781.128USI1

Form PTO 1595

U.S. Department of Commerce

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To the Honora	ble Commissioner of Patents and Trademarks:	: Please record the attached original documents or copy thereof				
	of conveying party(ies)	2. Name and address of receiving party(ies):				
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		FIN-02150 Espoo				
		Finland				
Additional nam	nes(s) of conveying party(ies) Yes No	Additional name(s) & addresses attached? ☐ Yes ☒ No				
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Other						
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4. Applica	Application number(s) or patent number(s)					
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09/3974		Patent Number(s)				
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5. Name a	and address of party to whom correspo	al numbers attached? ☐ Yes ☒ No ondence ☐ 6. Total number of applications and patents involved: 1				
	document should be mailed:	7. Total fee (37 C.F.R. §3.41) \$40				
•		☑ Enclosed – Any excess or insufficiency should be				
Name	Michael B. Lasky	credited or debited to deposit account				
Address:	Altera Law Group 10749 Bren Road East, Opus 2	Authorized to charged to deposit account				
	Minneapolis, Minnesota 55343-90	056 8. Deposit Account number: 50-1038				
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DO NOT USE THIS SPACE							
9. Statement and Signature:							
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	CERTIFICATE UNDER 37 C.F.R. 1.8: The	undersigned hereby certifies that this co	rrespondence is being				
	deposited in the United States Postal Serving addressed to: Assistant Commissioner for	ce, as first class mail, with sufficient posta	age, in an envelope				
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	Michael B. Lasky Name	By: // Signature					

PATENT

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Altera Ref. No.: 781.128-US-I1

PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS,

1. Kari NIEMELÄ residing at Löylykuja 3 as 2, FIN-90560 Oulu, Finland and a citizen of Finland;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled TUNING METHOD AND TRANSCEIVER UNIT

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.

Kari NIEMELÄ

Date

No Legalization Required

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RECORDED: 10/19/2000 REEL: 011197 FRAME: 0567