

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Confirmatory Assignment
CONVEYING PARTY DATA	
Name	Execution Date
Pasi VAISANEN	11/16/2011
RECEIVING PARTY DATA	
Name:	Nokia Corporation
Street Address:	Keilalahdentie 4
City:	Espoo
State/Country:	FINLAND
Postal Code:	02150
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09400645
CORRESPONDENCE DATA	
Fax Number:	
Email:	brian.odonoghue@nokia.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Nokia Inc
Address Line 1:	200 South Mathilda Ave.
Address Line 4:	Sunnyvale, CALIFORNIA 94086
ATTORNEY DOCKET NUMBER:	NC11338US
NAME OF SUBMITTER:	Thomas J. Arria
Total Attachments: 1 source=09400645#page1.tif	

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NC11338

Altera Ref. No.: 865.1US01

**PATENT ASSIGNMENT TO CORPORATION WORLDWIDE**

WHEREAS,

1. Pasi Vaisanen residing at ~~711/221 Sturt Street, Southbank, Victoria 3006 Australia~~ and a citizen of Finland *409/005 River Street, South Yarra, VIC 3141, Australia*
2. residing at and a citizen of ;
3. residing at and a citizen of ;
4. residing at and a citizen of ;

14/11/20  
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hereafter referred to as "THE UNDERSIGNED", have made an invention entitled CROSS-CONNECTING SUB-TIME SLOT DATA RATES

AND, WHEREAS, Nokia Telecommunications 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, Espoo FIN-02150, 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.

Pasi Vaisanen 11.1.2000  
Pasi Vaisanen Date

The Assignor hereby confirms that the Assignment in accordance with this copy relates to the US Patent Application Serial Number 09/400645 filed on September 21, 1999 issued on March 22, 2005 as U.S. patent No. 6,870,839.

Pasi Vaisanen  
Assignor Name  
Pasi Vaisanen  
Signature  
16/11/2011  
Date