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> **PATENT REEL: 013024 FRAME: 0492**

Assignment of Rights in Inv (Sole inventor; single assignee, without wi	vention tness or notarization)	Docket No.	
Inventor		Residence of Inventor	
Aki LAUNIAINEN	Yliopistor FIN-33500	Yliopistonkatu 45 D 41 FIN-33500 TAMPERE, Finland	
Assignee	Residence	e or Principal Place of Business of Assignee	
NOKIA CORPORATION	Keilalahdenti	ie 4, FIN-02150 ESPOO, Finland	

Whereas, I, the above-identified Inventor, have invented certain new and useful improvements in:

Title: MEMORY PROCESSING IN A MICROPROCESSOR

U.S. Serial No.: 10/126,155

Filing Date: 19 April, 2002

(hereinafter referred to as "Invention") for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign a 100% undivided interest in said Invention, said application disclosing the Invention and any Letters Patent which may be granted therefor to the above-identified Assignee, and whereas said Assignee is desirous of acquiring the entire right, title and interest in the same;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged;

I hereby assign, sell and transfer a 100% undivided interest in said invention, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Assignee, as assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary and lawful future documents, including assignments in favor of Assignee, or its designees and Assignee or its Assignees may from time-to-time present to me in order to perfect title in said Invention, modifications, and improvements in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

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PATENT REEL: 013024 FRAME: 0493 And I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee thereof shall hereafter require and prepare at its own expense.

Executed this 13th day of King, in the year 2002

11 Tampere

(Signature of Inventor)

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RECORDED: 06/24/2002