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Docket No.: 939-012027-US (PAR)

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To the Honorable Commissio	ner of Paterns and Trademarks	s: Please record the attached original documents or copy thereof.
Name of conveying party(ies):     Niels DEGN		Name and address of receiving party(ies):     Name: NOKIA CORPORATION
		Internal Address:
Additional names(s) of conveying party(	ies) attached?	
3. Nature of conveyance:		
☑ Assignment	☐ Merger	Street Address: Keilalahdentie 4
☐ Security Agreement	☐ Change of Name	Espoo 02150, Finland
Other		City: State: ZIP:
Execution Date: September 28, 2005		Additional name(s) & address(es) attached?   Yes  No
4. Application number(s) or pate	ent numbers(s):	# / / / / / / / / / / / / / / / / / / /
If this document is being filed	together with a new application	on, the execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
10/515,809		7: 15
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<ol><li>Name and address of party to concerning document should</li></ol>	•	6. Total number of applications and patents involved:
Name: Geza C. Ziegler, Jr.  Internal Address: Customer No. 2512		7. Total fee (37 CFR 3.41):\$ 40.00
		Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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Street Address:		8. Deposit account number:
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9. Statement and signature.		Λ Λ
To the best of my knowledge of the original document.	and belief, the foregoing infor	mation is true and correct and any attached copy is a true copy
Geza C. Ziegler, Jr.		1 ed 28 NOV 2005
Name of Person Sigr	ing	Rignature Jahn Date
Total	number of pages including cover s	sheet attachments and document:

Assignment of Rights in Invention (Sole inventor; single assignee, without witness	[ 4 A
inventor	Residence of Inventor
Niels DEGN  Niels DEGN  19-05	Ewaldsensvej 4 1.tv, DK-2000 Fredriksberg, Deumark
Assignee	Residence or Principal Place of Business of Assignee
Nolcia Corporation	Reiniahdentie 4 Espon 02150 Finland

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

(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 antire right, title and interest in the same;

Now, this indenture witnesseth, that for the sum of ONE dollars
1.00 ), and other good and valuable consideration, the receipt 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 occure to me with respect to the filing of applications for patents or securing of potents 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 Potent to said Assignce, as assignce 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 as 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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Docket No. Assignment of Rights in Invention (Sole inventor; single assignee; without witness or notarization) 939-012027-US (PAR) Residence of Inventor Inventor Ewaldsensvoj 4 1.tv, DK-2000 Nich DEGN Fredriksberg, Denmark Residence of Principal Place of Business of Assignee **Assignee** Kcilalahdentic 4 Espoo 02150 Finland Nakia Corporation And I further agree to sign and properly execute such necessary and lawful papers for application for foreign pateras, for filing divisions, continuations and continuations in-part of soid 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. 28 day of 09, in the year 2005 Executed this

> PATENT REEL: 017281 FRAME: 0622

**RECORDED: 11/30/2005**