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5. Name and address of party to whom correspondence concerning document should be mailed: Name: Brian T. Rivers, Esq. Address: Nokia Inc. 6000 Connection Drive City: Irving State: TX ZIP Code: 75039	6 Total number of applications and/or patents involved: One (1) 7. Total fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: 50-0270
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PATENT
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ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor or person or
entity who owns the
invention

Giridhar D. Mandyam

[type or print name of ASSIGNOR]

9010 Markville Drive #1006

Address

Dallas, Texas 75243American

Nationality

(if assignment is by person or entity to whom invention was previously assigned
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and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

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- ☒ and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

Adaptive Quantization in a Pulse-Amplitude Modulated System

Name of inventor Giridhar d. Mandyam

[check and complete (a), (b), (c), (d), (e), (f) or (g)]

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith
(b) ☐ U.S. patent application executed on _____
(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention.
☐ Express mail label no.: _____
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☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, the ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
(d) ☐ U.S. application no. _____ filed on _____
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and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

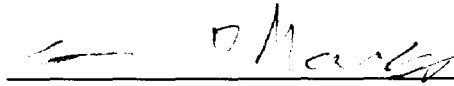
ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

WARNING: *The date of signing must be the date of execution of this application, if item (a) was checked above.*

Date:

6/30/99



Signature of ASSIGNOR Giridhar D. Mandyam

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)

Title

NOTE: *No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.*

☒ Notarization or Legalization Page Added.