

PMB:iar 01/05/04 244530

Atty. Ref. No. 245-66215

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1. Total number of pages including cover sheet, attachments and document: 7

2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) Check here if additional name(s) attached
 Name(s): (1) Çetin K. Koç and (2) Serdar S. Erdem
 Execution Date(s): (1) January 5, 2004, and (2) December 24, 2003

3. Name and address of receiving party Check here if additional name(s) & address(es) are attached
 Name The State of Oregon Acting By and Through the State Board of Higher Education on Behalf of Oregon State University
 Address
 City Corvallis State/Country Oregon Zip

4. Nature of Conveyance
 Assignment Merger Security Agreement Name Change Other:

5. Total number of applications and patents involved: 1

6. Charge Fee (37 C.F.R. § 3.41) of \$40.00 to our Deposit Account No. 02-4550.

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8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent.

- A. This document is being filed with a new application. Execution date is: _____
 B. Patent Application No.(s) or Patent No.(s): 10/636,321
 Check here if additional numbers are attached

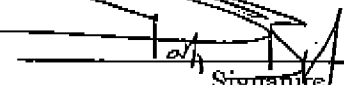
9. Correspondent's name, address, and telephone number

Patrick M. Bible
 Klarquist Sparkman, LLP
 One World Trade Center, Suite 1600
 121 S.W. Salmon Street
 Portland, Oregon 97204-2988
 Telephone: 503-226-7391
 Facsimile: 503-228-9446

10. Please return the attached postcard to confirm that these items have been received.

11. Statement and signature *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Patrick M. Bible
 Name of Person Signing


 Signature

January 5, 2004
 Date

CH \$40.00 024650 10636321

cc: Client
 Accounting
 Docketing

700059034

PATENT
 REEL: 014233 FRAME: 0616

FMB:ejv 12/24/03 245-66215 243063

ASSIGNMENT

WHEREAS, we, ÇETİN K. KOÇ and SERDAR S. ERDEM, have invented a certain invention, entitled MULTIPLICATION OF MULTI-PRECISION NUMBERS HAVING A SIZE OF A POWER OF TWO, for which we are making application for Letters Patent of the United States, said application having been filed on August 6, 2003, and assigned U.S. Patent Application No. 10/636,321; and

WHEREAS, THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, having a place of business at Corvallis, Oregon, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, ÇETİN K. KOÇ and SERDAR S. ERDEM, hereby sell, assign and transfer to THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON

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STATE UNIVERSITY, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed on the date opposite our respective signatures below.

Cetin K. Koc

Cetin K. Koc

At Cowallis, Oregon

(City and State)

on this 5 day of January, 2004.

STATE OF OREGON)
) SS.
COUNTY OF BENTON)

This 5 day of January, 2004, before me personally came the above-named CETIN K. KOÇ, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



Kathleen M. Troseth

Notary Public for Oregon

My commission expires: Oct-31, 2007

[SEAL]

PMB:cjv 12/24/03 243-66215 243063

Dated: _____

Serdar S. Erdem

Witnessed by: _____

Name (Print): _____

Date: _____

PMB:ejv 12/24/03 245-66215 243063

ASSIGNMENT

WHEREAS, we, ÇETİN K. KOÇ and SERDAR S. ERDEM, have invented a certain invention, entitled MULTIPLICATION OF MULTI-PRECISION NUMBERS HAVING A SIZE OF A POWER OF TWO, for which we are making application for Letters Patent of the United States, said application having been filed on August 6, 2003, and assigned U.S. Patent Application No. 10/636,321; and

WHEREAS, THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, having a place of business at Corvallis, Oregon, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, ÇETİN K. KOÇ and SERDAR S. ERDEM, hereby sell, assign and transfer to THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, the full and exclusive right, title and interest in and to said invention, patent application and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON

ASSIGNMENT - Page 1 of 3

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STATE UNIVERSITY, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed on the date opposite our respective signatures below.

Cetin K. Koç

At _____
(City and State)

on this _____ day of _____, 200__.

STATE OF OREGON)
)
COUNTY OF BENTON) ss.

This ___ day of _____, 200__, before me personally came the above-named CETIN K. KOÇ, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Notary Public for _____
My commission expires: _____

[SEAL]

PMB:ejv 12/24/03 245-66215 243063

Dated: 12/24/2003

S.S. Erdem

Serdar S. Erdem

Witnessed by: *[Signature]*

Name (Print): Dr. M. HAKAN HOCAOGLU

Date: 24-DECEMBER-2003

Vice-Dean of Engineering College
Gebze Institute of Technology
Gebze - Turkey