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ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One United States Dollar (\$1.00) or its equivalent, the receipt of which is hereby acknowledged, and for other good and valuable consideration, I, Richard M. Deeley, residing at 3836 Venus Court, San Jose, CA 95121, and a citizen of the United Kingdom ("ASSIGNOR"), hereby sell, assign, and transfer to Equator Technologies, Inc., residing or having a principal place of business at 1300 White Oaks Road, Campbell, CA 95008, and a citizen or juristic entity of the United States ("ASSIGNEE"), and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States 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:

PROCESSING CIRCUIT AND METHOD FOR VARIABLE-LENGTH CODING AND DECODING

and which is found in United States patent application serial number 60/090,648, filed on 24 June 1999, and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from 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, 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 purpose thereof.

ASSIGNEE: 12 16 G	7-17-01
Richard M. Deeley	Date
I hereby declare that I was personally present and did see the personally known to me to be the person named in the assignment the same of his own free will for the purpose therein following location: Campiacia CA	nment, duly sign and
WITNESS: JEFFREY VAN MYORS June 1/2 Printed Name Signature	77 July 2001 Date

PATENT REEL: 012091 FRAME: 0524

ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment of the sum of One United States Dollar (\$1.00) or its equivalent, the receipt of which is hereby acknowledged, and for other good and valuable consideration, I, Yatin Mundkur, residing at 25625 O'Keefe Lane, Los Altos Hills, CA 94022, and a citizen of the United States of America ("ASSIGNOR"), hereby sell, assign, and transfer to Equator Technologies, Inc., residing or having a principal place of business at 1300 White Oaks Road, Campbell, CA 95008, and a citizen or juristic entity of the United States ("ASSIGNEE"), and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States 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:

PROCESSING CIRCUIT AND METHOD FOR VARIABLE-LENGTH CODING AND DECODING

and which is found in United States patent application serial number 60/090,648, filed on 24 June 1999, and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from 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, 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 purpose thereof.

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ndkus. Jun 17'01	Yatin Mundkur:
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ersonally present and did see the ASSIGNOR, who is e the person named in the assignment, duly sign and free will for the purpose therein expressed at the following	personally known to me to be the p
inepa Jame G Caus 6.17.01	WITNESS: Roxunne L. Crines
ne Signature Date	Printed Name
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PATENT REEL: 012091 FRAME: 0525

ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment of the sum of One United States Dollar (\$1.00) or its equivalent, the receipt of which is hereby acknowledged, and for other good and valuable consideration, I, Woobin Lee, residing at 1402 181st Place SW, Lynnwood, WA 98037, and a citizen of the Republic of Korea ("ASSIGNOR"), hereby sell, assign, and transfer to Equator Technologies, Inc., residing or having a principal place of business at 1300 White Oaks Road, Campbell, CA 95008, and a citizen or juristic entity of the United States ("ASSIGNEE"), and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States 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:

PROCESSING CIRCUIT AND METHOD FOR VARIABLE-LENGTH CODING AND DECODING

and which is found in United States patent application serial number 60/090,648, filed on 24 June 1999, and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof.

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ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, 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 purpose thereof.

Woobin Lee:	aboli	Lu	6-	21-2001
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RECORDED: 08/20/2001