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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW,

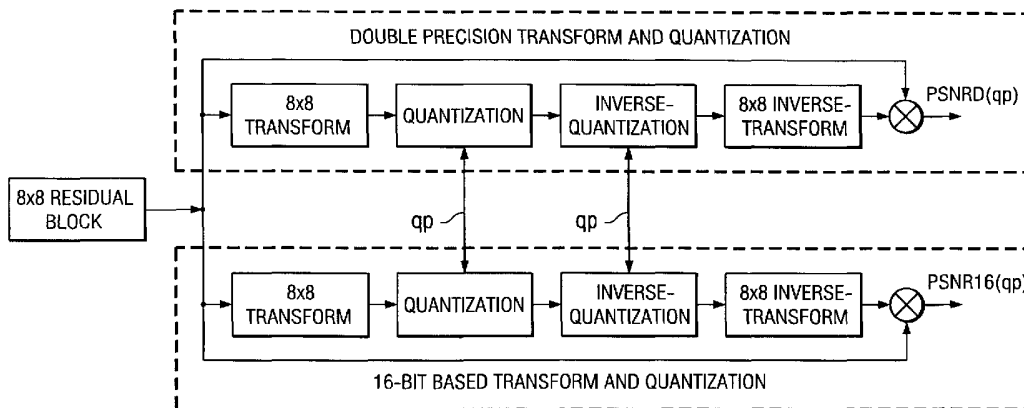
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[Continued on next page]

(54) Title: 8X8 TRANSFORM AND QUANTIZATION



(57) Abstract: Low complexity video compression has 8x8 block with transforms using 8x8 integer matrices and quantization with look up table scalar plus constant right shift for all quantization steps. Inverse quantization also a look up table scalar plus right shift dependent upon the quantization step and inverse transform using the 8x8 integer matrices.

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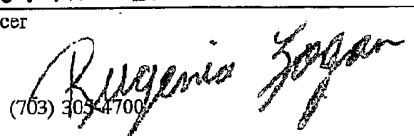
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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : H04N 7/12 US CL : 375/240.2 According to International Patent Classification (IPC) or to both national classification and IPC</p>															
<p>B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 375/240.2, 240.01-240.07, 240.12-240.16, 240.18-240.19, 240.22-240.24, 240.26 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet</p>															
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category *</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X</td> <td rowspan="2">US 2003/0035587 A1 (Youn) 20 February 2003 (20.02.2003), figures 2, 6, 10, 11, paragraph 0006, paragraph 0009, lines 1-8, paragraphs 0021, 0033, 0038, 0039, 0072.</td> <td>1-3, 5-6, 8-9</td> </tr> <tr> <td>---</td> <td>4, 7</td> </tr> <tr> <td>Y</td> <td rowspan="2">US 5,506,844 A (Rao) 09 April 1996 (09.04.1996), column 12, lines 41-67, column 13, lines 1-15.</td> <td>4, 7</td> </tr> <tr> <td>Y</td> <td></td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X	US 2003/0035587 A1 (Youn) 20 February 2003 (20.02.2003), figures 2, 6, 10, 11, paragraph 0006, paragraph 0009, lines 1-8, paragraphs 0021, 0033, 0038, 0039, 0072.	1-3, 5-6, 8-9	---	4, 7	Y	US 5,506,844 A (Rao) 09 April 1996 (09.04.1996), column 12, lines 41-67, column 13, lines 1-15.	4, 7	Y	
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.</p>															
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INTERNATIONAL SEARCH REPORT

PCT/US04/31480

Continuation of B. FIELDS SEARCHED Item 3:
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