Title: METHODS FOR IMAGE-SPECIFIC TONE SCALE ADJUSTMENT AND LIGHT-SOURCE CONTROL

Abstract: Embodiments of the present invention comprise systems, methods and devices for adjusting image code values in conjunction with display light source illumination levels for enhanced image display.
Declarations under Rule 4.17:
— as to applicant’s entitlement to apply for and be granted a patent (Rule 4.17(ii))
— of inventorship (Rule 4.17(iv))

Published:
— with international search report

Date of publication of the international search report: 21 December 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G09G 5/00 (2007.01)
USPC - 345/660
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC(8) - G09G 5/00 (2007.01)
USPC - 345/660

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 345/426, 590, 619; 382/288

Electronic data base consulted during the international search (same of data base and, where practicable, search terms used)
USPTO WEST (PGPB, USPT, EPAB, JPAB); DIALOG PRO; GOOGLE
Search Terms Used: adjust$, illumination, brightness, luminance, display, scale, light source, tone, roll-off, efficiency factor, fidelity

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<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>
</table>

Further documents are listed in the continuation of Box C.

<table>
<thead>
<tr>
<th>* Special categories of cited documents:</th>
<th>“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</th>
</tr>
</thead>
<tbody>
<tr>
<td>“A” document defining the general state of the art which is not considered to be of particular relevance</td>
<td>“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td>
</tr>
<tr>
<td>“E” earlier application or patent but published on or after the international filing date</td>
<td>“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td>
</tr>
<tr>
<td>“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td>
<td>“&amp;” document member of the same patent family</td>
</tr>
<tr>
<td>“O” document referring to an oral disclosure, use, exhibition or other means</td>
<td></td>
</tr>
<tr>
<td>“P” document published prior to the international filing date but later than the priority date claimed</td>
<td></td>
</tr>
</tbody>
</table>

Date of the actual completion of the international search
21 May 2007 (21.05.2007)

Date of mailing of the international search report
18 SEP 2007

Name and mailing address of the ISA/US
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450
Facsimile No. 571-273-3201

Form PCT/ISA/210 (second sheet) (April 2005)