TITLE: PROCESS OF INHERITING COLORS IN A CUSTOMER RELATIONSHIP MANAGEMENT APPLICATION FROM OPERATING SYSTEM COLORS

(54) Title: PROCESS OF INHERITING COLORS IN A CUSTOMER RELATIONSHIP MANAGEMENT APPLICATION FROM OPERATING SYSTEM COLORS

(57) Abstract: A method to adjust colors of CRM application’s GUI skin, based on operating system’s Color scheme Color code of the operating system’s color scheme is fetched from registry entry of the operating system and is saved as base color. This color code is converted from ARGB format to RGB format and further converted from RGB format to HSL format. Different Luminance values are set for various elements of CRM application such as header, menu bar, dialog box, selected item, work area etc., to provide different brightness and legibility to different elements of GUI. Modified color code is again converted back to RGB format and assigned to various pixels of GUI skin whereby CRM application is rendered with new color scheme similar to the operating system’s. If the CRM user subsequently switches to a different color scheme, CRM application automatically adapts the color scheme matching with the operating system.

FIG. 2
Date of publication of the international search report:
25 March 2010
PATAENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

Applicant’s or agent’s file reference
TC070826

FOR FURTHER ACTION see Form PCT/ISA/220
as well as, where applicable, item 5 below

International application No
PCT/IB 09/52077
International filing date (day/month/year) 19 May 2009 (19 05 2009)
(Earliest) Priority Date (day/month/year) 01 July 2008 (01 07 2008)

Applicant
TAUSMA CORPORATION - AN NGENERA COMPANY

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets. It is also accompanied by a copy of each prior art document cited in this report.

1 Basis of the report
   a With regard to the language, the international search was carried out on the basis of
      the international application in the language in which it was filed
      [X] a translation of the international application into which is the language of
      a translation furnished for the purposes of international search (Rules 12 3(a) and 23 1(b))
   b [ ] This international search report has been established taking into account the rectification of an obvious mistake
      authorized by or notified to this Authority under Rule 9 1 (Rule 43 6(b)(a))
   c [ ] With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No 1

2 [ ] Certain claims were found unsearchable (see Box No II)

3 [ ] Unity of invention is lacking (see Box No HI)

4 With regard to the title,
   [ ] the text is approved as submitted by the applicant
   [X] the text has been established by this Authority to read as follows

   PROCESS OF INHERITING COLORS IN A CUSTOMER RELATIONSHIP MANAGEMENT APPLICATION FROM OPERATING SYSTEM COLORS

5 With regard to the abstract,
   [ ] the text is approved as submitted by the applicant
   [X] the text has been established, according to Rule 38 2, by this Authority as it appears in Box No IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6 With regard to the drawings,
   a the figure of the drawings to be published with the abstract is Figure No 2
      [ ] as suggested by the applicant
      [X] as selected by this Authority, because the applicant failed to suggest a figure
   b [ ] none of the figures is to be published with the abstract

Form PCT/ISA/210 (first sheet) (July 2009)
INTERNATIONAL SEARCH REPORT

A CLASSIFICATION OF SUBJECT MATTER
IPC(8) - G09G 5/00 (201 0.01 )
USPC - 345/581
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 (2010 01)
USPC - 345/581

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC 345/581, 589, 594, 600, 650, 902, 382/162 (text search)

Electronic database consulted during the international search (name of data base and, where practicable, search terms used)
WEST/USPTO:PGPB,EPAB,USOCR, Google, Search terms used color format conversion GUI user interface registry hue saturation RGBA alpha skin CRM customer relationship management fetching reading retrieving

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>
<tbody>
<tr>
<td>Y</td>
<td>US 2005/0151999 A1 (Inkon) 14 July 2005 (14 07 2005), Fig 1 para [0022]</td>
<td>1-9</td>
</tr>
<tr>
<td>Y</td>
<td>US 2006/0235944 A1 (Haslam) 19 October 2006 (19 10 2006), Fig 8, 9, para [0052]-[0060],[0116]-[0121]</td>
<td>1-9</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

T later document published after the international filing date or family date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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
V 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

Date of the actual completion of the international search
05 January 2010 (05 01 2010)

Date of mailing of the international search report
28 JAN 2010

Name and mailing address of the ISA/US
P.C. Stop PCT, Atn ISA/US, Commissioner for Patents
P.O. Box 1450, Alexandria, Virginia 22313-1450

Authorized officer
Lee W Young

Form PCT/ISA/2 10 (second sheet) (July 2009)