Abstract: A remote control system includes a RF communication chipset that has a transceiver (44) and antenna (45) at a handset/remote (18) and another transceiver (24) and antenna (25) at a base station (20) is operable to maintain a two-way communication connection. The two-way communication connection includes the capability of uploading display data for presentation on a display located at the handset/remote (18), and also includes the capability of downloading keystroke codes from the handset/remote keyboard (42). A processor (16) is in communication with the base station (20), and is operable to control an infrared emitter (14). Devices are controlled by infrared commands decoded from the downloaded keystrokes and provided to the infrared emitter (14). Full telephonic capability is supported between the handset/remote (18) and a plain old telephone system.
Published: with international search report

(88) Date of publication of the international search report: 16 October 2008
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
   IPC: H04M 3/00( 2006.01)
       H04Q 7/20( 2006.01)
   USPC: 455/418,419,420,556.1,348/14.05
   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)
   U.S.: 455/41.1, 418, 419, 420, 462, 465,, 556.1, 556.2, 557; 348/14.05
   Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
   NONE
   Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
   Please See Continuation Sheet

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>X</td>
<td>US 5,963,624 (POPE) 05 October 1999, column 3, lines 29-35.</td>
<td>1, 6-9</td>
</tr>
<tr>
<td>Y</td>
<td>US 5,752,195 A (TSUJI et al) 12 May 1998, column 2, lines 36-60.</td>
<td>2-5, 10-15</td>
</tr>
</tbody>
</table>

Further documents are listed in the continuation of Box C.

Date of the actual completion of the international search
27 May 2008

Date of mailing of the international search report
17 JUL 2008

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Form PCT/ISA/210 (second sheet) (April 2007)
Continuation of B. FIELDS SEARCHED Item 3:
EAST
search term: handset, remote control, infrared