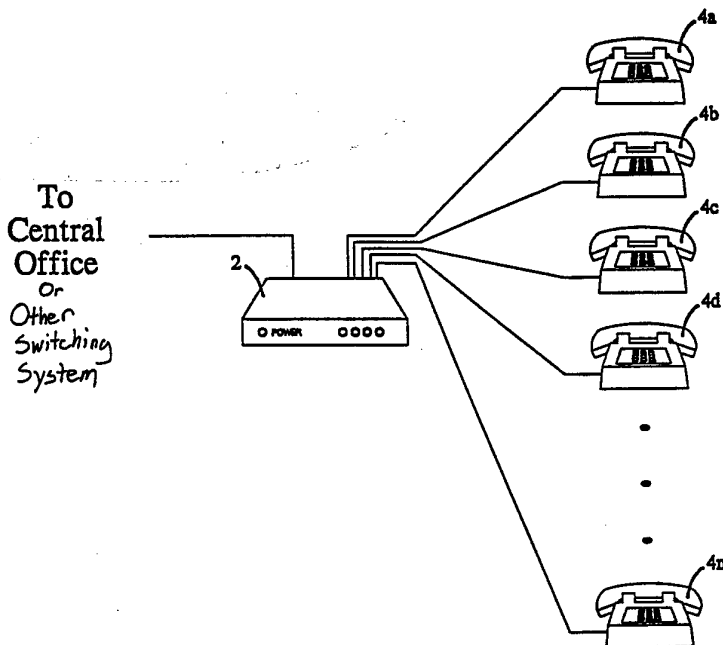




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification <sup>6</sup> : <b>H04M 1/64, 3/58</b></p>	<p><b>A3</b></p>	<p>(11) International Publication Number: <b>WO 96/18258</b> (43) International Publication Date: 13 June 1996 (13.06.96)</p>
<p>(21) International Application Number: PCT/US95/16391 (22) International Filing Date: 4 December 1995 (04.12.95) (30) Priority Data: 08/348,788 2 December 1994 (02.12.94) US (71) Applicant: VOICE CONTROL SYSTEMS, INC. [US/US]; Suite 100, 14140 Midway Road, Dallas, TX 75244 (US). (72) Inventors: FOSTER, Peter, J.; 3925 Bryn Mawr, Dallas, TX 75225 (US). BAREIS, Bernard, F.; #213, 2240 Tarpley Road, Carrollton, TX 75006 (US). (74) Agent: JUDSON, David, H.; Hughes &amp; Luce, L.L.P., Suite 2800, 1717 Main Street, Dallas, TX 75201 (US).</p>	<p>(81) Designated States: AU, CA, JP, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 12 December 1996 (12.12.96)</p>	

(54) Title: INTELLIGENT CALL PROCESSING PLATFORM FOR HOME TELEPHONE SYSTEM



(57) Abstract

The present invention comprises an intelligent call processing platform (2) for use with a home telephone system (4a-4n). The system consists of a processing unit interfaced with a variety of memory storage areas, a central office providing local telephone service and a plurality of telephone handsets (4a-4n). Using a variety of voice and/or pushbutton commands, a user is able to access a variety of telephone services from any telephone interfaced with the platform (2). Services provided include: identification of incoming callers, automatic speed dialing of user-stored telephone numbers, storage of new numbers to the user-stored list of telephone numbers and control of peripheral systems interconnected with the intelligent call processing platform (2).

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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US95/16391

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :H04M 1/64, 3/58  
US CL :379/67, 88, 210  
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. : 379/67, 88, 210, 89, 142, 102, 212, 213, 214

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 Extra Sheet.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,P	US, A, 5,434,906 (ROBINSON ET AL) 18 July 1995, col. 3, line 44- col. 4, line 25.	1-22, 26, 28-30
X,P	US, A, 5,452,340 (ENGELBECK ET AL) 19 September 1995, col. 3, line 39- col. 4, line 40.	1-22, 26, 28-30
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Y,P		23-25
X	US, A, 4,885,766 (YASUOKA ET AL) 05 December 1989, col. 2, lines 25-30.	1-22, 26, 28-30
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Y		27
A	US, A, 5,349,638 (PITRODA ET AL) 20 September 1994.	1-30
A	US, A, 5,200,987 (GRAY) 06 April 1993.	1-30

Further documents are listed in the continuation of Box C.  See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

10 OCTOBER 1996

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International application No.

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US, A, 5,353,336 (HOU ET AL) 04 October 1994.	1-23
A	US, A, 5,222,125 (CRESWELL ET AL) 22 June 1993.	1-20, 26-28

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/US95/16391

**B. FIELDS SEARCHED**

Electronic data bases consulted (Name of data base and where practicable terms used):

APS

search terms: platform, central, control, ANI, caller identification, switching system, special service, voice recognition, speech recognition, identifying information