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(74) Agent: GEORGE, Keith, E.; Mcdermott Will & Emery
LLP, 600 13th Street, N.W., Washington, DC 20005-3096
(US).

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(71) Applicant (for all designated States except US): YIPES
ENTERPRISE SERVICES, INC. [US/US]; 114 San-
some Street, 11th floor, San Francisco, CA 94104 (US).

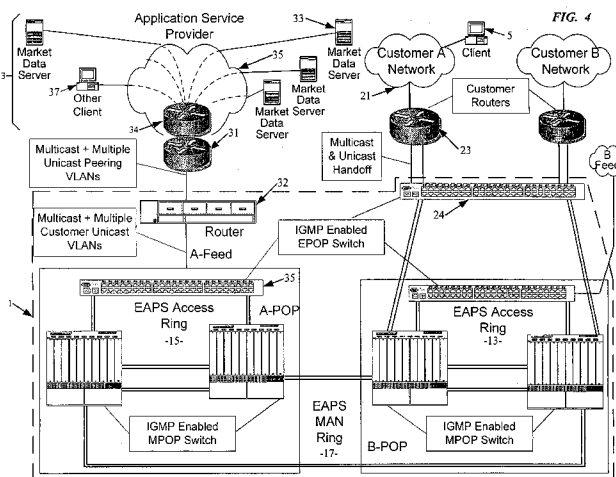
(72) Inventors; and

(75) Inventors/Applicants (for US only): SISTANIZADEH,
Kamran [US/US]; 2295 Vallejo Street, #505, San Fran-
cisco, CA 94123 (US). DOUGLAS, Patrick, H. [US/US];
671 Green Street, San Francisco, CA 94133 (US).

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(54) Title: MULTICAST WIDE-AREA NETWORK FOR DISTRIBUTING DATA TO SELECTED DESTINATIONS WITH LIM-
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(57) Abstract: The disclosed techniques provide a multicast extranet service via L2 wide-area network, by provisioning the network to define a virtual local area network (VLAN) for wide-area network distribution of each data feed from a source to edge points (intelligent points of demarcation), without replication for individual users within the wide-area network. A specific 5 VLAN is assigned to carry each multicast content feed and is allocated bandwidth, to make content available at multiple designated edge points. A user network interface, such as implemented at the intelligent edge points, is configured to allow authorized user(s) access to requested data feeds from respective VLANs. Dynamic signaling may be utilized by users of the network to select data from the broadcasts on the VLANs. The signaling to/from each user 10 device may be L2 or L3 to the points of demarcation.

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<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 --- Y</td> <td>US 2003/165140 A1 (TANG et al) 04 September 2003 (04.09.2003) entire document</td> <td>1, 9 ----- 2-8, 10-14</td> </tr> <tr> <td>Y</td> <td>US 2006/045085 A1 (HE) 02 March 2006 (02.03.2006) entire document</td> <td>2-8, 10-14</td> </tr> <tr> <td>Y</td> <td>US 2004/170176 A1 (KADAMBI et al) 02 September 2004 (02.09.2004) entire document</td> <td>5-7, 12</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X --- Y	US 2003/165140 A1 (TANG et al) 04 September 2003 (04.09.2003) entire document	1, 9 ----- 2-8, 10-14	Y	US 2006/045085 A1 (HE) 02 March 2006 (02.03.2006) entire document	2-8, 10-14	Y	US 2004/170176 A1 (KADAMBI et al) 02 September 2004 (02.09.2004) entire document	5-7, 12
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<p>Name and mailing address of the ISA/US</p> <p>Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer:</p> <p>Blaine R. Copenheaver</p> <p>PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>												