



US00D682294S

(12) **United States Design Patent**
Kanalakis, Jr. et al.

(10) **Patent No.:** **US D682,294 S**
(45) **Date of Patent:** **** May 14, 2013**

(54) **DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE**

(75) Inventors: **John M. Kanalakis, Jr.**, San Jose, CA (US); **Beate Fritsch**, Oakland, CA (US); **Hal Rucker**, Hillsborough, CA (US); **Peter D. Andrea**, Oakland, CA (US)

(73) Assignee: **Cisco Technology, Inc.**, San Jose, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/381,260**

(22) Filed: **Dec. 16, 2010**

(51) **LOC (9) Cl.** **14-04**

(52) **U.S. Cl.**
USPC **D14/487**; D14/490; D14/495

(58) **Field of Classification Search** D14/485-488;
715/751-753, 756, 758, 759, 772, 792, 808-809,
715/817, 821-822, 825, 833-834, 840-841,
715/843, 861, 864, 978; 348/14.03
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | |
|-------------|---------|---------------------|
| 2,911,462 A | 11/1959 | Brady |
| 3,793,489 A | 2/1974 | Sank |
| 3,909,121 A | 9/1975 | De Mesquita Cardoso |
| 4,400,724 A | 8/1983 | Fields |
| 4,473,285 A | 9/1984 | Winter |
| 4,494,144 A | 1/1985 | Brown |
| 4,750,123 A | 6/1988 | Christian |
| 4,815,132 A | 3/1989 | Minami |
| 4,827,253 A | 5/1989 | Maltz |
| 4,853,764 A | 8/1989 | Sutter |
| 4,890,314 A | 12/1989 | Judd et al. |
| 4,961,211 A | 10/1990 | Tsugane et al. |
| 5,003,532 A | 3/1991 | Ashida et al. |

| | | |
|-------------|---------|---------------|
| 5,020,098 A | 5/1991 | Celli |
| 5,136,652 A | 8/1992 | Jibbe et al. |
| 5,187,571 A | 2/1993 | Braun et al. |
| 5,200,818 A | 4/1993 | Neta et al. |
| 5,249,035 A | 9/1993 | Yamanaka |
| 5,255,211 A | 10/1993 | Redmond |
| 5,268,734 A | 12/1993 | Parker et al. |
| 5,317,405 A | 5/1994 | Kuriki et al. |
| 5,337,363 A | 8/1994 | Platt |
| 5,347,363 A | 9/1994 | Yamanaka |

(Continued)

FOREIGN PATENT DOCUMENTS

| | | |
|----|-----------|--------|
| CN | 101953158 | 1/2011 |
| CN | 102067593 | 5/2011 |

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/389,651, filed Apr. 14, 2011, entitled "Video Unit With Integrated Features," Inventor(s): Kyle A. Buzzard et al.

(Continued)

Primary Examiner — Karen E Kearney

(74) *Attorney, Agent, or Firm* — Patent Capital Group

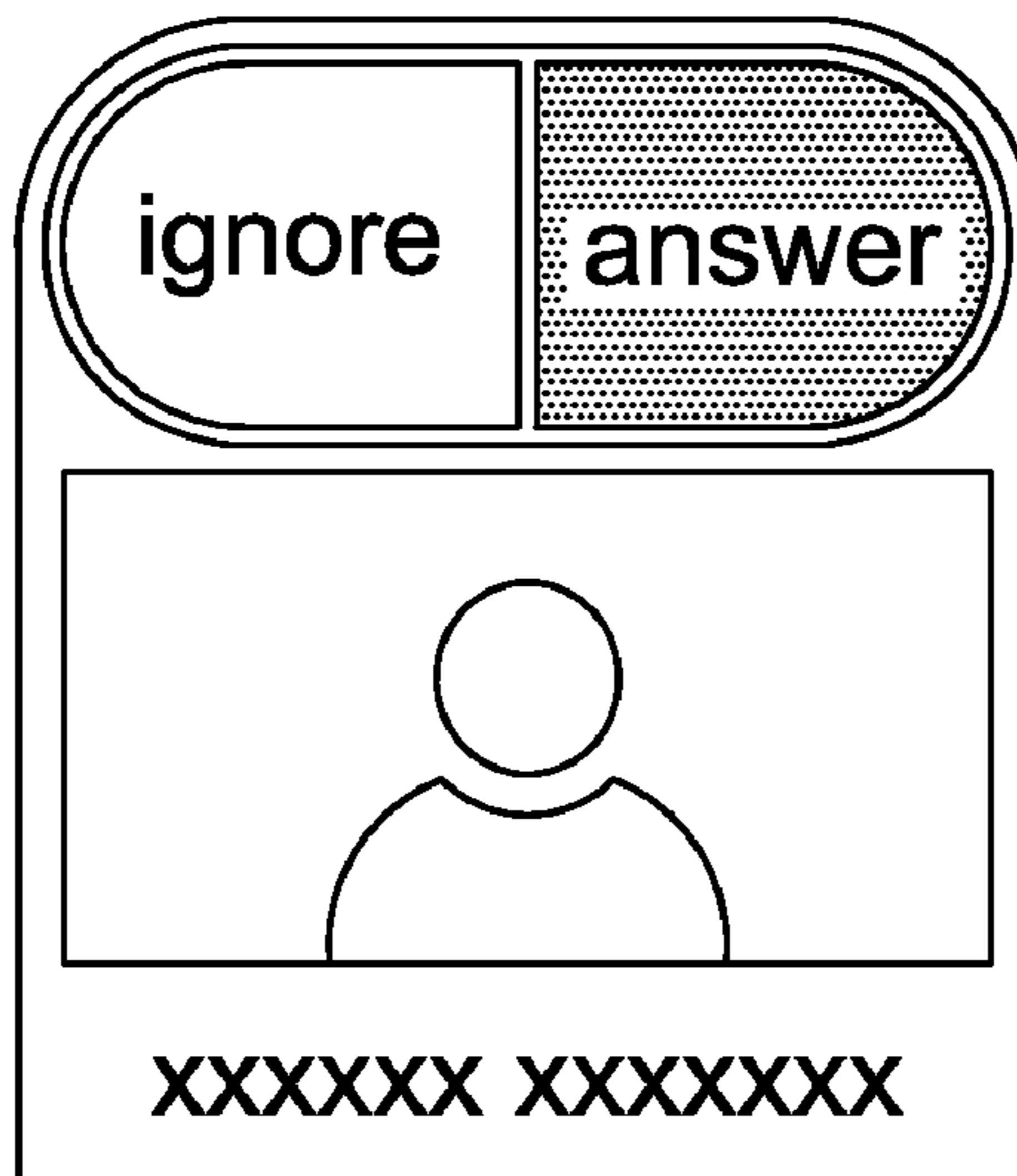
(57) **CLAIM**

The ornamental design for a display screen with graphical user interface, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a display screen with graphical user interface showing our new design; and, FIG. 2 is a front view thereof, the graphical user interface shown separate and enlarged for ease of illustration. The broken line showings of the display screen in FIG. 1 are for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D682,294 S

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|------|---------|------------------------------|-----------|------|---------|--------------------------------|
| 5,359,362 | A | 10/1994 | Lewis et al. | 6,774,927 | B1 | 8/2004 | Cohen et al. |
| D357,468 | S | 4/1995 | Rodd | D495,715 | S * | 9/2004 | Gildred D14/486 |
| 5,406,326 | A | 4/1995 | Mowry | 6,795,108 | B2 | 9/2004 | Jarboe et al. |
| 5,423,554 | A | 6/1995 | Davis | 6,798,834 | B1 | 9/2004 | Murakami et al. |
| 5,446,834 | A | 8/1995 | Deering | 6,806,898 | B1 | 10/2004 | Toyama et al. |
| 5,448,287 | A | 9/1995 | Hull | 6,807,280 | B1 | 10/2004 | Stroud et al. |
| 5,467,401 | A | 11/1995 | Nagamitsu et al. | 6,809,724 | B1 * | 10/2004 | Shiraishi et al. 345/169 |
| 5,498,576 | A | 3/1996 | Hotchkiss et al. | 6,844,990 | B2 | 1/2005 | Artonne et al. |
| 5,502,481 | A | 3/1996 | Dentinger et al. | 6,853,398 | B2 | 2/2005 | Malzbender et al. |
| 5,502,726 | A | 3/1996 | Fischer | 6,882,358 | B1 | 4/2005 | Schuster et al. |
| 5,532,737 | A | 7/1996 | Braun | 6,888,358 | B2 | 5/2005 | Lechner et al. |
| 5,541,639 | A | 7/1996 | Takatsuki et al. | 6,909,438 | B1 | 6/2005 | White et al. |
| 5,541,773 | A | 7/1996 | Kamo et al. | 6,911,995 | B2 | 6/2005 | Ivanov et al. |
| 5,570,372 | A | 10/1996 | Shaffer | 6,917,271 | B2 | 7/2005 | Zhang et al. |
| 5,572,248 | A | 11/1996 | Allen et al. | 6,922,718 | B2 | 7/2005 | Chang |
| 5,625,410 | A | 4/1997 | Washino et al. | 6,963,653 | B1 | 11/2005 | Miles |
| 5,666,153 | A | 9/1997 | Copeland | 6,980,526 | B2 | 12/2005 | Jang et al. |
| 5,675,374 | A | 10/1997 | Kohda | 6,989,754 | B2 | 1/2006 | Kisacanin et al. |
| 5,689,663 | A * | 11/1997 | Williams 715/721 | 6,989,836 | B2 | 1/2006 | Ramsey |
| 5,715,377 | A | 2/1998 | Fukushima et al. | 6,989,856 | B2 | 1/2006 | Firestone et al. |
| D391,935 | S | 3/1998 | Sakaguchi et al. | 6,990,086 | B1 | 1/2006 | Holur et al. |
| 5,729,471 | A | 3/1998 | Jain et al. | 7,002,973 | B2 | 2/2006 | MeLampy et al. |
| 5,737,011 | A | 4/1998 | Lukacs | 7,028,092 | B2 | 4/2006 | MeLampy et al. |
| 5,748,121 | A | 5/1998 | Romriell | 7,030,890 | B1 * | 4/2006 | Jouet et al. 345/619 |
| 5,760,826 | A | 6/1998 | Nayar | 7,031,311 | B2 | 4/2006 | MeLampy et al. |
| D396,456 | S * | 7/1998 | Bier D14/489 | 7,043,528 | B2 | 5/2006 | Schmitt et al. |
| 5,790,182 | A | 8/1998 | Hilaire | 7,057,636 | B1 | 6/2006 | Cohen-Solal et al. |
| 5,796,724 | A | 8/1998 | Rajamani et al. | 7,057,662 | B2 | 6/2006 | Malzbender |
| D397,687 | S * | 9/1998 | Arora et al. D14/489 | 7,061,896 | B2 | 6/2006 | Jabbari et al. |
| 5,815,196 | A | 9/1998 | Alshawi | 7,080,157 | B2 | 7/2006 | McCanne |
| 5,818,514 | A | 10/1998 | Duttweiler et al. | 7,092,002 | B2 | 8/2006 | Ferren et al. |
| 5,821,985 | A | 10/1998 | Iizawa | 7,111,045 | B2 | 9/2006 | Kato et al. |
| D410,447 | S | 6/1999 | Chang | 7,131,135 | B1 | 10/2006 | Virag et al. |
| 5,940,118 | A | 8/1999 | Van Schyndel | 7,136,651 | B2 | 11/2006 | Kalavade |
| 5,940,530 | A | 8/1999 | Fukushima et al. | 7,139,767 | B1 | 11/2006 | Taylor et al. |
| 5,953,052 | A | 9/1999 | McNelley et al. | D533,525 | S | 12/2006 | Arie |
| 5,956,100 | A | 9/1999 | Gorski | D533,852 | S | 12/2006 | Ma |
| 5,996,003 | A * | 11/1999 | Namikata et al. 709/205 | D534,511 | S | 1/2007 | Maeda et al. |
| 6,069,648 | A * | 5/2000 | Suso et al. 348/14.02 | D535,954 | S | 1/2007 | Hwang et al. |
| 6,101,113 | A | 8/2000 | Paice | 7,158,674 | B2 | 1/2007 | Suh |
| 6,124,896 | A | 9/2000 | Kurashige | 7,161,942 | B2 | 1/2007 | Chen et al. |
| 6,148,092 | A | 11/2000 | Qian | D539,243 | S | 3/2007 | Chiu et al. |
| 6,167,162 | A | 12/2000 | Jacquin et al. | D541,773 | S | 5/2007 | Chong et al. |
| 6,172,703 | B1 | 1/2001 | Lee | D542,247 | S | 5/2007 | Kinoshita et al. |
| 6,173,069 | B1 | 1/2001 | Daly et al. | D545,314 | S | 6/2007 | Kim |
| D438,873 | S * | 3/2001 | Wang et al. D14/486 | 7,246,118 | B2 | 7/2007 | Chastain et al. |
| D440,575 | S * | 4/2001 | Wang et al. D14/489 | D550,635 | S | 9/2007 | DeMaio et al. |
| 6,226,035 | B1 | 5/2001 | Korein et al. | D551,184 | S | 9/2007 | Kanou et al. |
| 6,243,130 | B1 | 6/2001 | McNelley et al. | D551,672 | S * | 9/2007 | Wirz D14/485 |
| 6,249,318 | B1 | 6/2001 | Girod et al. | 7,269,292 | B2 | 9/2007 | Steinberg |
| 6,256,400 | B1 | 7/2001 | Takata et al. | 7,274,555 | B2 | 9/2007 | Kim et al. |
| 6,259,469 | B1 * | 7/2001 | Ejima et al. 348/14.01 | D555,610 | S | 11/2007 | Yang et al. |
| 6,266,082 | B1 | 7/2001 | Yonezawa et al. | D561,130 | S | 2/2008 | Won et al. |
| 6,285,392 | B1 | 9/2001 | Satoda et al. | 7,336,299 | B2 | 2/2008 | Kostrzewski |
| 6,292,575 | B1 | 9/2001 | Bortolussi et al. | D567,202 | S | 4/2008 | Rieu Piquet |
| 6,356,589 | B1 | 3/2002 | Gebler et al. | 7,352,809 | B2 | 4/2008 | Wenger et al. |
| 6,396,514 | B1 * | 5/2002 | Kohno 715/753 | 7,353,279 | B2 | 4/2008 | Durvasula et al. |
| 6,424,377 | B1 | 7/2002 | Driscoll, Jr. | 7,359,731 | B2 | 4/2008 | Choksi |
| D461,191 | S * | 8/2002 | Hickey et al. D14/485 | 7,399,095 | B2 | 7/2008 | Rondinelli |
| 6,430,222 | B1 | 8/2002 | Okadia | 7,411,975 | B1 | 8/2008 | Mohaban |
| 6,459,451 | B2 | 10/2002 | Driscoll et al. | 7,413,150 | B1 | 8/2008 | Hsu |
| 6,493,032 | B1 | 12/2002 | Wallerstein et al. | 7,428,000 | B2 | 9/2008 | Cutler et al. |
| D468,322 | S * | 1/2003 | Walker et al. D14/486 | D578,496 | S | 10/2008 | Leonard |
| 6,507,356 | B1 | 1/2003 | Jackel et al. | 7,471,320 | B2 | 12/2008 | Malkin et al. |
| 6,515,695 | B1 * | 2/2003 | Sato et al. 348/14.08 | 7,477,657 | B1 | 1/2009 | Murphy et al. |
| 6,583,808 | B2 | 6/2003 | Boulanger et al. | D588,560 | S | 3/2009 | Mellingen et al. |
| 6,590,603 | B2 | 7/2003 | Sheldon et al. | 7,518,051 | B2 | 4/2009 | Redmann |
| 6,591,314 | B1 | 7/2003 | Colbath | D592,621 | S | 5/2009 | Han |
| 6,593,956 | B1 | 7/2003 | Potts et al. | 7,532,230 | B2 | 5/2009 | Culbertson et al. |
| 6,611,281 | B2 | 8/2003 | Strubbe | 7,532,232 | B2 | 5/2009 | Shah et al. |
| 6,680,856 | B2 | 1/2004 | Schreiber | 7,545,761 | B1 | 6/2009 | Kalbag |
| 6,693,663 | B1 | 2/2004 | Harris | 7,555,141 | B2 | 6/2009 | Mori |
| 6,704,048 | B1 | 3/2004 | Malkin et al. | D602,453 | S | 10/2009 | Ding et al. |
| 6,710,797 | B1 | 3/2004 | McNelley et al. | 7,610,352 | B2 * | 10/2009 | AlHusseini et al. 709/217 |
| 6,751,106 | B2 | 6/2004 | Zhang et al. | 7,616,226 | B2 | 11/2009 | Roessler et al. |
| D492,692 | S * | 7/2004 | Fallon et al. D14/486 | D610,560 | S | 2/2010 | Chen |
| 6,768,722 | B1 | 7/2004 | Katseff et al. | 7,679,639 | B2 | 3/2010 | Harrell et al. |
| 6,771,303 | B2 | 8/2004 | Zhang et al. | 7,692,680 | B2 | 4/2010 | Graham |
| | | | | 7,707,247 | B2 | 4/2010 | Dunn et al. |

US D682,294 S

| | | | | | |
|-------------------|---------|-----------------------------|-------------------|---------|---------------------------------|
| D615,514 S | 5/2010 | Mellingen et al. | 2006/0170769 A1 | 8/2006 | Zhou |
| 7,710,448 B2 | 5/2010 | De Beer et al. | 2006/0181607 A1 | 8/2006 | McNelley et al. |
| 7,710,450 B2 | 5/2010 | Dhuey et al. | 2006/0200518 A1 | 9/2006 | Sinclair et al. |
| 7,715,657 B2 | 5/2010 | Lin et al. | 2006/0256187 A1 | 11/2006 | Sheldon et al. |
| 7,719,605 B2 | 5/2010 | Hirasawa et al. | 2006/0284786 A1 | 12/2006 | Takano et al. |
| 7,719,662 B2 | 5/2010 | Bamji et al. | 2007/0039030 A1 | 2/2007 | Romanowich et al. |
| 7,720,277 B2 | 5/2010 | Hattori | 2007/0040903 A1 | 2/2007 | Kawaguchi |
| D626,102 S | 10/2010 | Buzzard et al. | 2007/0070177 A1 | 3/2007 | Christensen |
| D626,103 S | 10/2010 | Buzzard et al. | 2007/0080845 A1 | 4/2007 | Amand |
| D628,175 S | 11/2010 | Desai et al. | 2007/0112966 A1 | 5/2007 | Eftis et al. |
| D631,891 S * | 2/2011 | Vance et al. D14/487 | 2007/0121353 A1 | 5/2007 | Zhang et al. |
| 7,889,851 B2 | 2/2011 | Shah et al. | 2007/0140337 A1 | 6/2007 | Lim et al. |
| 7,894,531 B1 | 2/2011 | Cetin et al. | 2007/0153712 A1 | 7/2007 | Fry et al. |
| D635,569 S | 4/2011 | Park | 2007/0159523 A1 | 7/2007 | Hillis et al. |
| D635,975 S | 4/2011 | Seo et al. | 2007/0192381 A1 | 8/2007 | Padmanabhan |
| D637,199 S * | 5/2011 | Brinda et al. D14/489 | 2007/0206091 A1 | 9/2007 | Dunn et al. |
| D638,853 S * | 5/2011 | Brinda D14/488 | 2007/0206556 A1 | 9/2007 | Yegani et al. |
| 7,990,422 B2 | 8/2011 | Ahiska et al. | 2007/0217406 A1 | 9/2007 | Riedel et al. |
| 7,996,775 B2 * | 8/2011 | Cole et al. 715/752 | 2007/0217500 A1 | 9/2007 | Gao et al. |
| 8,000,559 B2 | 8/2011 | Kwon | 2007/0229250 A1 | 10/2007 | Recker et al. |
| 8,135,068 B1 | 3/2012 | Alvarez | 2007/0247470 A1 | 10/2007 | Dhuey et al. |
| 8,179,419 B2 | 5/2012 | Girish et al. | 2007/0250567 A1 | 10/2007 | Graham et al. |
| D664,985 S * | 8/2012 | Tanghe et al. D14/488 | 2007/0250620 A1 | 10/2007 | Shah et al. |
| D671,136 S * | 11/2012 | Barnett et al. D14/487 | 2007/0263079 A1 | 11/2007 | Graham et al. |
| 8,339,499 B2 * | 12/2012 | Ohuchi 348/14.03 | 2008/0077390 A1 | 3/2008 | Nagao |
| 2002/0106120 A1 | 8/2002 | Brandenburg et al. | 2008/0134098 A1 * | 6/2008 | Hoglund et al. 715/841 |
| 2002/0118890 A1 | 8/2002 | Rondinelli | 2008/0136896 A1 | 6/2008 | Graham et al. |
| 2002/0131608 A1 | 9/2002 | Lobb et al. | 2008/0151038 A1 | 6/2008 | Khoury et al. |
| 2002/0140804 A1 | 10/2002 | Colmenarez et al. | 2008/0212677 A1 | 9/2008 | Chen et al. |
| 2002/0149672 A1 | 10/2002 | Clapp et al. | 2008/0218582 A1 | 9/2008 | Buckler |
| 2002/0186528 A1 | 12/2002 | Huang | 2008/0240237 A1 | 10/2008 | Tian et al. |
| 2003/0017872 A1 | 1/2003 | Oishi et al. | 2008/0240571 A1 | 10/2008 | Tian et al. |
| 2003/0048218 A1 | 3/2003 | Milnes et al. | 2008/0297586 A1 | 12/2008 | Kurtz et al. |
| 2003/0072460 A1 | 4/2003 | Gonopolskiy et al. | 2008/0298571 A1 | 12/2008 | Kurtz et al. |
| 2003/0149724 A1 | 8/2003 | Chang | 2008/0303901 A1 | 12/2008 | Variyath et al. |
| 2003/0160861 A1 | 8/2003 | Barlow et al. | 2009/0009593 A1 | 1/2009 | Cameron et al. |
| 2003/0179285 A1 | 9/2003 | Naito | 2009/0051756 A1 | 2/2009 | Trachtenberg |
| 2003/0185303 A1 | 10/2003 | Hall | 2009/0119603 A1 * | 5/2009 | Stackpole 715/753 |
| 2004/0038169 A1 | 2/2004 | Mandelkern et al. | 2009/0122867 A1 | 5/2009 | Mauchly et al. |
| 2004/0061787 A1 | 4/2004 | Liu et al. | 2009/0174764 A1 | 7/2009 | Chadha et al. |
| 2004/0091232 A1 | 5/2004 | Appling, III | 2009/0207233 A1 | 8/2009 | Mauchly et al. |
| 2004/0118984 A1 | 6/2004 | Kim et al. | 2009/0207234 A1 | 8/2009 | Chen et al. |
| 2004/0119814 A1 | 6/2004 | Clisham et al. | 2009/0244257 A1 | 10/2009 | MacDonald et al. |
| 2004/0164858 A1 | 8/2004 | Lin | 2009/0256901 A1 | 10/2009 | Mauchly et al. |
| 2004/0165060 A1 | 8/2004 | McNelley et al. | 2009/0322082 A1 | 12/2009 | Wagoner |
| 2004/0178955 A1 | 9/2004 | Menache et al. | 2009/0324023 A1 | 12/2009 | Tian et al. |
| 2004/0189463 A1 | 9/2004 | Wathen | 2010/0082557 A1 | 4/2010 | Gao et al. |
| 2004/0189676 A1 | 9/2004 | Dischert | 2010/0118112 A1 | 5/2010 | Nimri et al. |
| 2004/0196250 A1 | 10/2004 | Mehrotra et al. | 2010/0123770 A1 | 5/2010 | Friel et al. |
| 2004/0218755 A1 | 11/2004 | Marton et al. | 2010/0171807 A1 | 7/2010 | Tysso |
| 2004/0246962 A1 | 12/2004 | Kopeikin et al. | 2010/0171808 A1 | 7/2010 | Harrell et al. |
| 2004/0254982 A1 | 12/2004 | Hoffman et al. | 2010/0183199 A1 | 7/2010 | Smith et al. |
| 2004/0260796 A1 | 12/2004 | Sundqvist et al. | 2010/0199228 A1 | 8/2010 | Latta et al. |
| 2005/0007954 A1 | 1/2005 | Sreemanthula et al. | 2010/0208078 A1 | 8/2010 | Tian et al. |
| 2005/0022130 A1 * | 1/2005 | Fabritius 715/739 | 2010/0225732 A1 | 9/2010 | De Beer et al. |
| 2005/0024484 A1 | 2/2005 | Leonard | 2010/0225735 A1 | 9/2010 | Shaffer et al. |
| 2005/0050246 A1 | 3/2005 | Lakkakorpi et al. | 2010/0262367 A1 * | 10/2010 | Riggins et al. 701/209 |
| 2005/0081160 A1 | 4/2005 | Wee et al. | 2010/0277563 A1 | 11/2010 | Gupta et al. |
| 2005/0110867 A1 | 5/2005 | Schulz | 2010/0283829 A1 | 11/2010 | De Beer et al. |
| 2005/0117022 A1 | 6/2005 | Marchant | 2010/0316232 A1 | 12/2010 | Acero et al. |
| 2005/0129325 A1 | 6/2005 | Wu | 2011/0063467 A1 | 3/2011 | Tanaka |
| 2005/0147257 A1 | 7/2005 | Melchior et al. | 2011/0085016 A1 | 4/2011 | Kristiansen et al. |
| 2005/0248652 A1 | 11/2005 | Firestone et al. | 2011/0164106 A1 * | 7/2011 | Kim 348/14.03 |
| 2005/0268823 A1 | 12/2005 | Bakker et al. | 2011/0202878 A1 * | 8/2011 | Park et al. 715/825 |
| 2006/0017807 A1 | 1/2006 | Lee et al. | 2011/0249081 A1 * | 10/2011 | Kay et al. 348/14.03 |
| 2006/0028983 A1 | 2/2006 | Wright | 2012/0120181 A1 * | 5/2012 | Kanalakis et al. 348/14.03 |
| 2006/0056056 A1 | 3/2006 | Ahiska et al. | 2012/0327173 A1 * | 12/2012 | Couse et al. 348/14.03 |
| 2006/0066717 A1 | 3/2006 | Miceli | | | |
| 2006/0082643 A1 | 4/2006 | Richards | | | |
| 2006/0093128 A1 | 5/2006 | Oxford | | | |
| 2006/0100004 A1 | 5/2006 | Kim et al. | | | |
| 2006/0104470 A1 | 5/2006 | Akino | | | |
| 2006/0120307 A1 | 6/2006 | Sahashi | | | |
| 2006/0125691 A1 | 6/2006 | Menache et al. | | | |
| 2006/0126878 A1 | 6/2006 | Takumai et al. | | | |
| 2006/0152489 A1 | 7/2006 | Sweetser et al. | | | |
| 2006/0152575 A1 | 7/2006 | Amiel et al. | | | |
| 2006/0158509 A1 | 7/2006 | Kenoyer et al. | | | |
| 2006/0168302 A1 | 7/2006 | Boskovic et al. | | | |

FOREIGN PATENT DOCUMENTS

| | | |
|----|--------------|---------|
| EP | 0 650 299 | 10/1994 |
| EP | 0 714 081 | 11/1995 |
| EP | 0 740 177 | 4/1996 |
| EP | 143745 A2 | 10/2001 |
| EP | 1 178 352 A1 | 6/2002 |
| EP | 1 589 758 A1 | 10/2005 |
| EP | 1701308 A2 | 9/2006 |
| EP | 1768058 A2 | 3/2007 |
| EP | 2073543 A1 | 6/2009 |
| EP | 2255531 | 12/2010 |

| | | |
|----|-------------------|---------|
| EP | 22777308 | 1/2011 |
| GB | 2 294 605 A | 5/1996 |
| GB | 2336266 | 10/1999 |
| GB | 2355876 A | 5/2001 |
| WO | WO 94/16517 | 7/1994 |
| WO | WO 96/21321 | 7/1996 |
| WO | WO 97/08896 | 3/1997 |
| WO | WO 98/47291 | 10/1998 |
| WO | WO 99/59026 | 11/1999 |
| WO | WO 01/33840 | 5/2001 |
| WO | WO 2005/013001 A2 | 2/2005 |
| WO | WO 2005/031001 A3 | 2/2005 |
| WO | WO 2006/072755 | 7/2006 |
| WO | WO2007/106157 | 9/2007 |
| WO | WO 2008/118887 A3 | 10/2007 |
| WO | WO2007/123946 | 11/2007 |
| WO | WO 2007/123960 A2 | 11/2007 |
| WO | WO 2007/123960 A3 | 11/2007 |
| WO | WO2008/039371 | 4/2008 |
| WO | WO 2008/040258 | 4/2008 |
| WO | WO 2008/101117 A1 | 8/2008 |
| WO | WO 2008/118887 A2 | 10/2008 |
| WO | WO 2009/102503 A2 | 8/2009 |
| WO | WO 2009/102503 A3 | 8/2009 |
| WO | WO 2009/120814 A2 | 10/2009 |
| WO | WO 2009/120814 A3 | 10/2009 |
| WO | WO 2010/059481 | 5/2010 |
| WO | WO2010/096342 | 8/2010 |
| WO | WO 2010/104765 | 9/2010 |
| WO | WO 2010/132271 | 11/2010 |
| WO | WO2012/033716 | 3/2012 |
| WO | WO2012/068008 | 5/2012 |
| WO | WO2012/068010 | 5/2012 |
| WO | WO2012/068485 | 5/2012 |

OTHER PUBLICATIONS

U.S. Appl. No. 29/389,654, filed Apr. 14, 2011, entitled "Video Unit With Integrated Features," Inventor(s): Kyle A. Buzzard et al.

Boros, S., "Policy-Based Network Management with SNMP," Proceedings of the EUNICE 2000 Summer School Sep. 13-15, 2000, p. 3.

U.S. Appl. No. 13/036,925, filed Feb. 28, 2011, entitled "System and Method for Selection of Video Data in a Video Conference Environment," Inventor(s) Sylvia Olayinka Aya Manfa N'guessan.

Gussenhoven, Carlos, "Chapter 5: Transcription of Dutch Intonation," 33 pages, Nov. 9, 2003; <http://www.ru.nl/publish/pages/516003/todisun-ah.pdf>.

Hock, Hans Henrich, "Prosody vs. Syntax: Prosodic rebracketing of final vocatives in English," 4 pages; [retrieved and printed on Mar. 3, 2011] <http://speechprosody2010.illinois.edu/papers/100931.pdf>.

"Vocative Case," from Wikipedia, [retrieved and printed on Mar. 3, 2011] 11 pages; http://en.wikipedia.org/wiki/Vocative_case.

PCT Jan. 23, 2012 International Search Report and Written Opinion of the ISA from International Application Serial No. PCT/US2011/060579; 10 pages.

PCT Jan. 23, 2012 International Search Report and Written Opinion of the ISA from International Application Serial No. PCT/US2011/060584; 11 pages.

PCT Feb. 20, 2012 International Search Report and Written Opinion of the ISA from International Application Serial No. PCT/US2011/061442; 12 pages.

EPO Nov. 3, 2011 Communication from European Application EP10710949.8; 2 pages.

EPO Mar. 12, 2012 Response to EP Communication dated Nov. 2, 2011 from European Application EP10710949.8; 15 pages.

EPO Mar. 20, 2012 Communication from European Application 09725288.6; 6 pages.

U.S. Appl. No. 13/096,772, filed Apr. 28, 2011, entitled "System and Method for Providing Enhanced Eye Gaze in a Video Conferencing Environment," Inventor(s): Charles C. Byers.

U.S. Appl. No. 13/106,002, filed May 12, 2011, entitled "System and Method for Video Coding in a Dynamic Environment," Inventors: Dihong Tian et al.

U.S. Appl. No. 13/098,430, filed Apr. 30, 2011, entitled "System and Method for Transferring Transparency Information in a Video Environment," inventors: Eddie Collins et al.

U.S. Appl. No. 13/096,795, filed Apr. 28, 2011, entitled "System and Method for Providing Enhanced Eye Gaze in a Video Conferencing Environment," Inventors: Charles C. Byers.

EPO Feb. 25, 2011 Communication for EP09725288.6; 4 pages.

Cumming, Jonathan, "Session Border Control in IMS, An Analysis of the Requirements for Session Border Control in IMS Networks," Sections 1.1, 1.1.1, 1.1.3, 1.1.4, 2.1.1, 3.2, 3.3.1, 5.2.3 and pp. 7-8, Data Connection, 2005.

Jong-Gook Ko et al., "Facial Feature Tracking and Head Orientation-Based Gaze Tracking," ITC-CSCC 2000, International Technical Conference on Circuits/Systems, Jul. 11-13, 2000, 4 pages <http://www.umiacs.umd.edu/~knkim/paper/itc-csc-2000-jgko.pdf>.

Veratech Corp., "Phantom Sentinel," © VeratechAero 2006, 1 page; <http://www.veratechcorp.com/phantom.html>.

Andreopoulos, Yiannis, et al., "In-Band Motion Compensated Temporal Filtering," Signal Processing: Image Communication 19(2004) 653-673, 21 pages <http://medianetlab.ee.ucla.edu/papers/011.pdf>.

Arulampalam, M. Sanjeev, et al., "A Tutorial on Particle Filters for Online Nonlinear/Non-Gaussian Bayesian Tracking," IEEE Transactions on Signal Processing, vol. 50, No. 2, Feb. 2002, 15 pages <http://www.cs.ubc.ca/~murphyk/Software/Kalman/ParticleFilterTutorial.pdf>.

Eisert, Peter, "Immersive 3-D Video Conferencing: Challenges, Concepts and Implementations," Proceedings of SPIE Visual Communications and Image Processing (VCIP), Lugano, Switzerland, Jul. 2003; 11 pages; <http://iphome.hhi.de/eisert/papers/vcip03.pdf>.

Garg, Ashutosh, et al., "Audio-Visual ISpeaker Detection Using Dynamic Bayesian Networks," IEEE International Conference on Automatic Face and Gesture Recognition, 2000 Proceedings, 7 pages <http://www.ifp.illinois.edu/~ashutosh/papers/FG00.pdf>.

Lambert, "Polycom Video Communications," © 2004 Polycom, Inc., Jun. 20, 2004 http://www.polycom.com/global/documents/whitepapers/video_communications_h.239_people_content_polycom_patented_technology.pdf.

Liu, Shan, et al., "Bit-Depth Scalable Coding for High Dynamic Range Video," SPIE Conference on Visual Communications and Image Processing, Jan. 2008; 12 pages <http://www.merl.com/papers/docs/TR2007-078.pdf>.

Nakaya, Y., et al. "Motion Compensation Based on Spatial Transformations," IEEE Transactions on Circuits and Systems for Video Technology, Jun. 1994, Abstract Only <http://ieeexplore.ieee.org/Xplore/login.jsp?url=http%3A%2F%2Fieeexplore.ieee.org%2Fiee15%2F76%2F7495%2F00305878.pdf%3Farnumber%3D305878&authDecision=-203>.

PCT Sep. 13, 2011 International Preliminary Report on Patentability and the Written Opinion of the ISA from PCT/US2010/026456; 5 pages.

PCT Oct. 12, 2011 International Search Report and Written Opinion of the ISA from PCT/US2011/050380.

Patterson, E.K., et al., "Moving-Talker, Speaker-Independent Feature Study and Baseline Results Using the CUAVE Multimodal Speech Corpus," EURASIP Journal on Applied Signal Processing, vol. 11, Oct. 2002, 15 pages http://www.clemson.edu/ces/speech/papers/CUAVE_Eurasip2002.pdf.

Perez, Patrick, et al., "Data Fusion for Visual Tracking with Particles," Proceedings of the IEEE, vol. XX No. XX, Feb. 2004, 18 pages <http://citeseer.ist.psu.edu/viewdoc/summary?doi=10.1.1.6.2480>.

Potamianos, G., et al., "An Image Transform Approach for HMM Based Automatic Lipreading," in Proceedings of IEEE ICIP, vol. 3, 1998, 5 pages <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.13.6802>.

Rikert, T.D., et al., "Gaze Estimation using Morphable models," IEEE International Conference on Automatic Face and Gesture Recognition, Apr. 1998; 7 pgs <http://citeseer.ist.psu.edu/viewdoc/summary?doi=10.1.1.30.9472>.

Tan, Kar-Han, et al., "Appearance-Based Eye Gaze Estimation," In Proceedings IEEE WACV'02, 2002, 5 pages <http://citeseer.ist.psu.edu/viewdoc/summary?doi=10.1.1.19.8921>.

- Vertegaal, Roel, et al., "Gaze-2: Conveying Eye Contact in Group Video Conferencing Using Eye-Controlled Camera Direction," CHI 2003, Apr. 5-10, 2003, Fort Lauderdale, FL; Copyright 2003 ACM 1-58113-630-7/03/0004; 8 pages; <http://www.hml.queensu.ca/papers/vertegaalchi0403.pdf>.
- Weinstein et al., "Emerging Technologies for Teleconferencing and Telepresence," Wainhouse Research 2005 <http://www.ivci.com/pdf/whitepaper-emerging-technologies-for-teleconferencing-and-telepresence.pdf>.
- U.S. Appl. No. 13/298,022, filed Nov. 16, 2011, entitled "System and Method for Alerting a Participant in a Video Conference," Inventor(s): TiongHu Lian, et al.
- "Eye Gaze Response Interface Computer Aid (Erica) tracks Eye movement to enable hands-free computer operation," UMD Communication Sciences and Disorders Tests New Technology, University of Minnesota Duluth, posted Jan. 19, 2005; 4 pages <http://www.d.umn.edu/unirel/homepage/05/eyegaze.html>.
- Gvili, Ronen et al., "Depth Keying," 3DV System Ltd., [Retrieved and printed on Dec. 5, 2011] 11 pages; <http://research.microsoft.com/en-us/um/people/eyalofek/Depth%20Key/DepthKey.pdf>.
- PCT Nov. 24, 2011 International Preliminary Report on Patentability from International Application Serial No. PCT/US2010/033880; 6 pages.
- U.S. Appl. No. 12/234,291, filed Sep. 19, 2008, entitled "System and Method for Enabling Communication Sessions in a Network Environment," Inventors: Yifan Gao et al.
- U.S. Appl. No. 12/366,593, filed Feb. 5, 2009, entitled "System and Method for Depth Perspective Image Rendering," Inventors: J. William Mauchly et al.
- U.S. Appl. No. 12/475,075, filed May 29, 2009, entitled "System and Method for Extending Communications Between Participants in a Conferencing Environment," Inventors: Brian J. Baldino et al.
- U.S. Appl. No. 12/400,540, filed Mar. 9, 2009, entitled "System and Method for Providing Three Dimensional Video Conferencing in a Network Environment," Inventors: Karthik Dakshinamoorthy et al.
- U.S. Appl. No. 12/400,582, filed Mar. 9, 2009, entitled "System and Method for Providing Three Dimensional Imaging in a Network Environment," Inventors: Shmuel Shaffer et al.
- U.S. Appl. No. 12/539,461, filed Aug. 11, 2009, entitled "System and Method for Verifying Parameters in an Audiovisual Environment," Inventor: James M. Alexander.
- U.S. Appl. No. 12/463,505, filed May 11, 2009, entitled "System and Method for Translating Communications Between Participants in a Conferencing Environment," Inventors: Marthinus F. De Beer et al.
- U.S. Appl. No. 12/727,089, filed Mar. 18, 2010, entitled "System and Method for Enhancing Video Images in a Conferencing Environment," Inventors: Joseph T. Friel.
- U.S. Appl. No. 12/781,722, filed May 17, 2010, entitled "System and Method for Providing Retracting Optics in a Video Conferencing Environment," Inventor(s): Joseph T. Friel, et al.
- U.S. Appl. No. 12/877,833, filed Sep. 8, 2010, entitled "System and Method for Skip Coding During Video Conferencing in a Network Environment," Inventors: Dihong Tian et al.
- U.S. Appl. No. 12/870,687, filed Aug. 27, 2010, entitled "System and Method for Producing a Performance Via Video Conferencing in a Network Environment," Inventors: Michael A. Arnao et al.
- U.S. Appl. No. 12/912,556, filed Oct. 26, 2010, entitled "System and Method for Provisioning Flows in a Mobile Network Environment," Inventors: Balaji Vankat Vankataswami, et al.
- U.S. Appl. No. 12/949,614, filed Nov. 18, 2010, entitled "System and Method for Managing Optics in a Video Environment," Inventors: Toren Lu, et al.
- U.S. Appl. No. 12/873,100, filed Aug. 31, 2010, entitled "System and Method for Providing Depth Adaptive Video Conferencing," Inventors: J. William Mauchly et al.
- U.S. Appl. No. 12/946,679, filed Nov. 15, 2010, entitled "System and Method for Providing Camera Functions in a Video Environment," Inventors: Peter A.J. Fornell, et al.
- U.S. Appl. No. 12/946,695, filed Nov. 15, 2010, entitled "System and Method for Providing Enhanced Audio in a Video Environment," Inventors: Wei Li, et al.
- U.S. Appl. No. 12/907,914, filed Oct. 19, 2010, entitled "System and Method for Providing Videomail in a Network Environment," Inventors: David J. Mackie et al.
- U.S. Appl. No. 12/907,919, filed Oct. 19, 2010, entitled "System and Method for Providing Connectivity in a Network Environment," Inventors: David J. Mackie et al.
- U.S. Appl. No. 12/946,704, filed Nov. 15, 2010, entitled "System and Method for Providing Enhanced Graphics in a Video Environment," Inventors: John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 12/957,116, filed Nov. 30, 2010, entitled "System and Method for Gesture Interface Control," Inventors: Shuan K. Kirby, et al.
- U.S. Appl. No. 12/907,925, filed Oct. 19, 2010, entitled "System and Method for Providing a Pairing Mechanism in a Video Environment," Inventors: Gangfeng Kong et al.
- U.S. Appl. No. 12/939,037, filed Nov. 3, 2010, entitled "System and Method for Managing Flows in a Mobile Network Environment," Inventors: Balaji Venkat Vankataswami et al.
- U.S. Appl. No. 12/946,709, filed Nov. 15, 2010, entitled "System and Method for Providing Enhanced Graphics in a Video Environment," Inventors: John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 12/784,257, filed May 20, 2010, entitled "Implementing Selective Image Enhancement," Inventors: Dihong Tian et al.
- U.S. Appl. No. 29/375,624, filed Sep. 24, 2010, entitled "Mounted Video Unit," Inventor(s): Ashok T. Desai et al.
- U.S. Appl. No. 29/375,627, filed Sep. 24, 2010, entitled "Mounted Video Unit," Inventor(s): Ashok T. Desai et al.
- U.S. Appl. No. 29/369,951, filed Sep. 15, 2010, entitled "Video Unit With Integrated Features," Inventor(s): Kyle A. Buzzard et al.
- U.S. Appl. No. 29/375,458, filed Sep. 22, 2010, entitled "Video Unit With Integrated Features," Inventor(s): Kyle A. Buzzard et al.
- U.S. Appl. No. 29/358,009, filed Mar. 21, 2010, entitled "Free-Standing Video Unit," Inventor(s): Ashok T. Desai et al.
- U.S. Appl. No. 29/375,619, filed Sep. 24, 2010, entitled "Freestanding Video Unit," Inventor(s): Ashok T. Desai et al.
- PCT "International Search Report and the Written Opinion of the International Searching Authority, or the Declaration," PCT/US2010/026456, dated Jun. 29, 2010; 11 pages.
- PCT "Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration," PCT/US2009/001070, dated Apr. 4, 2009; 14 pages.
- PCT "Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration," PCT/US2009/038310; dated Oct. 10, 2009; 17 pages.
- PCT "International Preliminary Report on Patentability and Written Opinion of the International Searching Authority," PCT/US2009/038310; dated Sep. 28, 2010; 10 pages.
- PCT "International Preliminary Report on Patentability dated Sep. 29, 2009, International Search Report, and Written Opinion," for PCT International Application PCT/US2008/058079; dated Sep. 18, 2008, 10 pages.
- "3D Particles Experiments in AS3 and Flash CS3," [retrieved and printed on Mar. 18, 2010]; 2 pages; <http://www.flashandmath.com/advanced/fourparticles/notes.html>.
- 3G, "World's First 3G Video Conference Service with New TV Commercial," Apr. 28, 2005, 4 pages; <http://www.3g.co.uk/PR/April2005/1383.htm>.
- Digital Video Enterprises, "DVE Eye Contact Silhouette," 1 page, © DVE 2008; <http://www.dvetelepresence.com/products/eyeContactSilhouette.asp>.
- France Telecom R&D, "France Telecom's Magic Telepresence Wall—Human Productivity Lab," 5 pages, retrieved and printed on May 17, 2010; http://www.humanproductivitylab.com/archive_blogs/2006/07/11/france_telecoms_magic_telepres_1.php.
- Joshua Gluckman and S.K. Nayar, "Rectified Catadioptric Stereo Sensors," 8 pages, retrieved and printed on May 17, 2010; <http://cis.poly.edu/~gluckman/papers/cypr00.pdf>.
- R.V. Kollarits, et al., "34.3: An Eye Contact Camera/Display System for Videophone Applications Using a Conventional Direct-View LCD," © 1995 SID, 155N0097-0966X/95/2601, pp. 765-68; <http://>

- citeseerx.ist.psu.edu/viewdoc/download;jsessionid=47A1E7E028C26503975E633895D114EC?doi=10.1.1.42.1772&rep=rep1&type=pdf.
- Trevor Darrell, "A Real-Time Virtual Mirror Display," 1 page, Sep. 9, 1998; <http://people.csail.mit.edu/trevor/papers/1998-021/node6.html>.
- Video on TED.com, Pranav Mistry: the Thrilling Potential of SixthSense Technology (5 pages) and Interactive Transcript (5 pages), retrieved and printed on Nov. 30, 2010; http://www.ted.com/talks/pranav_mistry_the_thrilling_potential_of_sixthsense_technology.html.
- U.S. Appl. No. 12/950,786, filed Nov. 19, 2010, entitled "System and Method for Providing Enhanced Video Processing in a Network Environment," Inventor[s]: David J. Mackie.
- U.S. Appl. No. 29/381,245, filed Dec. 16, 2010, entitled "Interface Element," Inventor(s): John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 29/381,250, filed Dec. 16, 2010, entitled "Interface Element," inventor(s): John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 29/381,254, filed Dec. 16, 2010, entitled "Interface Element," Inventor(s): John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 29/381,256, filed Dec. 16, 2010, entitled "Interface Element," Inventor(s): John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 29/381,259, filed Dec. 16, 2010, entitled "Interface Element," Inventor(s): John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 29/381,262, filed Dec. 16, 2010, entitled "Interface Element," Inventor(s): John M. Kanalakis, Jr., et al.
- U.S. Appl. No. 29/381,264, filed Dec. 15, 2010, entitled "Interface 38 Element," Inventor(s): John M. Kanalakis, Jr., et al.
- Active8-3D—Holographic Projection—3D Hologram Retail Display & Video Project, [retrieved and printed on Feb. 24, 2009], http://www.activ8-3d.co.uk/3d_holocubes/; 1 page.
- Andersson, L., et al., "LDP Specification," Network Working Group, RFC 3036, Jan. 2001, 133 pages; <http://tools.ietf.org/html/rfc3036>.
- Arrington, Michael, "eJamming—Distributed Jamming," TechCrunch; Mar. 16, 2006; <http://www.techcrunch.com/2006/03/16/ejamming-distributed-jamming/>; 1 page.
- Avrithis, Y., et al., Color-Based Retrieval of Facial Images, European Signal Processing Conference (EUSIPCO '00), Tampere, Finland; Sep. 2000; <http://www.image.ece.ntua.gr/~ntsap/presentations/eusipco00.ppt#256>; 18 pages.
- Awduche, D., et al., "Requirements for Traffic Engineering over MPLS," Network Working Group, RFC 2702, Sep. 1999, 30 pages; <http://tools.ietf.org/pdf/rfc2702.pdf>.
- Bakstein, Hynek, et al., "Visual Fidelity of Image Based Rendering," Center for Machine Perception, Czech Technical University, Proceedings of the Computer Vision, Winter 2004, <http://www.benogo.dk/publications/Bakstein-Pajdla-CVWW04.pdf>; 10 pages.
- Beesley, S.T.C., et al., "Active Macroblock Skipping in the H.264 Video Coding Standard," in Proceedings of 2005 Conference on Visualization, Imaging, and Image Processing—VIIP 2005, Sep. 7-9, 2005, Benidorm, Spain, Paper 480-261. ACTA Press, ISBN: 0-88986-528-0; 5 pages.
- Berzin, O., et al., "Mobility Support Using MPLS and MP-BGP Signaling," Network Working Group, Apr. 28, 2008, 60 pages; <http://www.potaroo.net/ietf/all-ids/draft-berzin-malis-mpls-mobility-01.txt>.
- Boccaccio, Jeff; CEPro, "Inside HDMI CEC: The Little-Known Control Feature," Dec. 28, 2007; http://www.cepro.com/article/print/inside_hdmi_cec_the_little_known_control_feature; 2 pages.
- Bücken R: "Bildfernsprechen: Videokonferenz vom Arbeitsplatz aus" Funkschau, Weka Fachzeitschriften Verlag, Poing, DE, No. 17, Aug. 14, 1986, pp. 41-43, XP002537729; ISSN: 0016-2841, p. 43, left-hand column, line 34—middle column, line 24.
- Chan, Eric, et al., "Experiments on block-matching techniques for video coding," Multimedia Systems; 9 Springer-Verlag 1994, Multimedia Systems (1994) 2 pages.
- Chen et al., "Toward a Compelling Sensation of Telepresence: Demonstrating a Portal to a Distant (Static) Office," Proceedings Visualization 2000; VIS 2000; Salt Lake City, UT, Oct. 8-13, 2000; Annual IEEE Conference on Visualization, Los Alamitos, CA; IEEE Comp. Soc., US, Jan. 1, 2000, pp. 327-333; <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.35.1287>.
- Chen, Jason, "iBluetooth Lets iPhone Users Send and Receive Files Over Bluetooth," Mar. 13, 2009; <http://i.gizmodo.com/5169545/ibluetooth-lets-iphone-users-send-and-receive-files-over-bluetooth>; 1 page.
- Chen, Qing, et al., "Real-time Vision-based Hand Gesture Recognition Using Haar-like Features," Instrumentation and Measurement Technology Conference, Warsaw, Poland, May 1-3, 2007, 6 pages; <http://www.google.com/url?sa=t&source=web&cd=1&ved=0CB4QFjAA&url=http%3A%2F%2Fciteseerx.ist.psu.edu%2Fviewdoc%2Fdownload%3Fdoi%3D10.1.1.93.103%26rep%3Drep1%26type%3Dpdf&ei=A28RTLKRDeftnQeXzZGRAw&usq=AFQjCNHpwj6MwjgGp-3goV2SWad6CO-Jzw>.
- "Cisco Expo Germany 2009 Opening," Posted on YouTube on May 4, 2009; <http://www.youtube.com/watch?v=SDKsaSlz4MK>; 2 pages.
- Cisco: Big Mauchly and Mod Marathe; UNC: Henry Fuchs, et al., "Depth-Dependent Perspective Rendering," Apr. 15, 2008; 6 pages.
- Costa, Cristina, et al., "Quality Evaluation and Nonuniform Compression of Geometrically Distorted Images Using the Quadtree Distortion Map," EURASIP Journal on Applied Signal Processing, Jan. 7, 2004, vol. 2004, No. 12, © 2004 Hindawi Publishing Corp.; XP002536356; ISSN: 1110-8657; pp. 1899-1911; <http://downloads.hindawi.com/journals/asp/2004/470826.pdf>.
- Criminisi, A., et al., "Efficient Dense-Stereo and Novel-view Synthesis for Gaze Manipulation in One-to-one Teleconferencing," Technical Rpt MSR-TR-2003-59, Sep. 2003 [retrieved and printed on Feb. 26, 2009], http://research.microsoft.com/pubs/67266/criminisi_techrep2003-59.pdf, 41 pages.
- "Custom 3D Depth Sensing Prototype System for Gesture Control," 3D Depth Sensing, GestureTek, 3 pages; [Retrieved and printed on Dec. 1, 2010] <http://www.gesturetek.com/3depth/introduction.php>.
- Daly, S., et al., "Face-based visually-optimized image sequence coding," Image Processing, 1998. ICIP 98. Proceedings; 1998 International Conference on Chicago, IL; Oct. 4-7, 1998, Los Alamitos; IEEE Computing; vol. 3, Oct. 4, 1998; ISBN: 978-0-8186-8821-8; XP010586786; pp. 443-447.
- Diaz, Jesus, "Zcam 3D Camera is Like Wii Without Wiimote and Minority Report Without Gloves," Dec. 15, 2007; <http://gizmodo.com/gadgets/zcam-depth-camera-could-be-wii-challenger/zcam-3d-camera-is-like-wii-without-wiimote-and-minority-report-without-gloves-334426.php>; 3 pages.
- Diaz, Jesus, iPhone Bluetooth File Transfer Coming Soon (Yes!); Jan. 20, 2009; <http://i.gizmodo.com/5138797/iphone-bluetooth-file-transfer-coming-soon-yes>; 1 page.
- DVE Digital Video Enterprises, "DVE Tele-Immersion Room," [retrieved and printed on Feb. 5, 2009] http://www.dvetelepresence.com/products/immersion_room.asp; 2 pages.
- "Dynamic Displays," copyright 2005-2008 [retrieved and printed on Feb. 24, 2009] http://www.zebraimaging.com/html/lighting_display.html, 2 pages.
- ECmag.com, "IBS Products," Published Apr. 2009; <http://www.ecmag.com/index.cfm?fa=article&articleID=10065>; 2 pages.
- eJamming Audio, Learn More; [retrieved and printed on May 27, 2010] <http://www.ejamming.com/learnmore/>; 4 pages.
- Electrophysics Glossary, "Infrared Cameras, Thermal Imaging, Night Vision, Roof Moisture Detection," [retrieved and printed on Mar. 18, 2010] http://www.electrophysics.com/Browse/Brw_Glossary.asp; 11 pages.
- Farrukh, A., et al., Automated Segmentation of Skin-Tone Regions in Video Sequences, Proceedings IEEE Students Conference, ISCON_02; Aug. 16-17, 2002; pp. 122-128.
- Fiala, Mark, "Automatic Projector Calibration Using Self-Identifying Patterns," National Research Council of Canada, Jun. 20-26, 2005; <http://www.procarns.org/procams2005/papers/procams05-36.pdf>; 6 pages.
- Foot J., et al., "Flycam: Practical Panoramic Video and Automatic Camera Control," in Proceedings of IEEE International Conference on Multimedia and Expo, vol. III, Jul. 30, 2000, pp. 1419-1422; <http://citeseerx.ist.psu.edu/viewdoc/versions?doi=10.1.1.138.8686>.
- Freeman, Professor Wilson T., Computer Vision Lecture Slides, "6.869 Advances in Computer Vision: Learning and Interfaces," Spring 2005; 21 pages.

- Germell, Jim, et al., "Gaze Awareness for Video-conferencing; A Software Approach," IEEE MultiMedia, Oct.-Dec. 2000; vol. 7, No. 4, pp. 26-35.
- Gotchev, Atanas, "Computer Technologies for 3D Video Delivery for Home Entertainment," International Conference on Computer Systems and Technologies; CompSysTech, Jun. 12-13, 2008; <http://ecet.ecs.ru.acad.bg/cst08/docs/cp/Plenary/P.1.pdf>; 6 pages.
- Gries, Dan, "3D Particles Experiments in AS3 and Flash C53, Dan's Comments," [retrieved and printed on May 24, 2010] <http://www.flashandmath.com/advanced/fourparticles/notes.html>; 3 pages.
- Guernsey, Lisa, "Toward Better Communication Across the Language Barrier," Jul. 29, 1999; <http://www.nytimes.com/1999/07/29/technology/toward-better-communication-across-the-language-barrier.html>; 2 pages.
- Gulli D., et al., "Orchestral: A Distributed Platform for Virtual Musical Groups and Music Distance Learning over the Internet in Java™ Technology"; [retrieved and printed on Jun. 6, 2010] <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=778626>; 2 pages.
- Gundavelli, S., et al., "Proxy Mobile IPv6," Network Working Group, RFC 5213, Aug. 2008, 93 pages; <http://tools.ietf.org/pdf/rfc5213.pdf>.
- Habili, Nariman, et al., "Segmentation of the Face and Hands in Sign Language Video Sequences Using Color and Motion Cues" IEEE Transaction on Circuits and Systems for Video Technology, IEEE Service Center, vol. 14, No. 8, Aug. 1, 2004; ISSN: 1051-8215; XP011115755; pp. 1086-1097.
- He, L., et al., "The Virtual Cinematographer: A Paradigm for Automatic Real-Time Camera Control and Directing," Proc. SIGGRAPH, © 1996; <http://research.microsoft.com/en-us/um/people/lhe/papers/siggraph96.vc.pdf>; 8 pages.
- Hepper, D., "Efficiency Analysis and Application of Uncovered Background Prediction in a Low BitRate Image Coder," IEEE Transactions on Communications, vol. 38, No. 9, pp. 1578-1584, Sep. 1990.
- Holographic Imaging, "Dynamic Holography for scientific uses, military heads up display and even someday HoloTV Using TI's DMD," [retrieved and printed on Feb. 26, 2009] http://innovation.swmed.edu/research/instrumentation/res_inst_dev3d.html; 5 pages.
- Hornbeck, Larry J., "Digital Light Processing™: A New MEMS-Based Display Technology," [retrieved and printed on Feb. 26, 2009] http://focus.ti.com/pdfs/dipdmd/17_Digital_Light_Processing_MEMS_display_technology.pdf; 22 pages.
- "Infrared Cameras TVS-200-EX," [retrieved and printed on May 24, 2010] http://www.electrophysics.com/Browse/Brw_ProductLineCategory.asp?CategoryID=184&Area=IS; 2 pages.
- IR Distribution Category @ Envious Technology, "IR Distribution Category," [retrieved and printed on Apr. 22, 2009] <http://www.envioustechnology.com.au/products/product-list.php?CID=305>; 2 pages.
- IR Trans—Products and Orders—Ethernet Devices, [retrieved and printed on Apr. 22, 2009] <http://www.inrtrans.de/en/shop/lan.php>; 2 pages.
- Isgro, Francesco et al., "Three-Dimensional Image Processing in the Future of Immersive Media," IEEE Transactions on Circuits and Systems for Video Technology, vol. 14, No. 3; XP011108796; ISSN: 1051-8215; Mar. 1, 2004; pp. 288-303.
- Itoh, Hiroyasu, et al., "Use of a gain modulating framing camera for time-resolved imaging of cellular phenomena," SPIE vol. 2979, 1997, pp. 733-740.
- Jamoussi, Bamil, "Constraint-Based LSP Setup Using LDP," MPLS Working Group, Sep. 1999, 33 pages; <http://tools.ietf.org/html/draft-ietf-mpls-cr-ldp-03>.
- Jeyatharan, M., et al., "3GPP TFT Reference for Flow Binding," MEXT Working Group, Mar. 2, 2010, 11 pages; <http://www.ietf.org/id/draft-jeyatharan-mext-flow-tftmp-reference-00.txt>.
- Jiang, Minqiang, et al., "On Lagrange Multiplier and Quantizer Adjustment for H.264 Frame-layer Video Rate Control," IEEE Transactions on Circuits and Systems for Video Technology, vol. 16, Issue 5, May 2006, pp. 663-669.
- Kannangara, C.S., et al., "Complexity Reduction of H.264 Using Lagrange Multiplier Methods," IEEE Int. Conf. on Visual Information Engineering, Apr. 2005; www.rgu.ac.uk/files/h264_complexity_kannangara.pdf; 6 pages.
- Kannangara, C.S., et al., "Low Complexity Skip Prediction for H.264 through Lagrangian Cost Estimation," IEEE Transactions on Circuits and Systems for Video Technology, vol. 16, No. 2, Feb. 2006; www.rgu.ac.uk/files/h264_skippredict_richardson_final.pdf; 20 pages.
- Kauff, Peter, et al., "An Immersive 3D Video-Conferencing System Using Shared Virtual Team User Environments," Proceedings of the 4th International Conference on Collaborative Virtual Environments, XP040139858; Sep. 30, 2002; http://ip.hhi.de/imedia_G3/assets/pdfs/CVE02.pdf; 8 pages.
- Kazutake, Uehira, "Simulation of 3D image depth perception in a 3D display using two stereoscopic displays at different depths," Jan. 30, 2006; <http://adsabs.harvard.edu/abs/2006SPIE/6055.408U>; 2 pages.
- Keijser, Jeroen, et al., "Exploring 3D interaction in Alternate Control-Display Space Mappings," IEEE Symposium on 3D User Interfaces, Mar. 10-11, 2007, pp. 17-24.
- Kim, Y.H., et al., "Adaptive mode decision for H.264 encoder," Electronics letters, vol. 40, Issue 19, pp. 1172-1173, Sep. 2004; 2 pages.
- Klint, Josh, "Deferred Rendering in Leadwerks Engine," Copyright Leadwerks Corporation © 2008; http://www.leadwerks.com/files/Deferred_Rendering_in_Leadwerks_Engine.pdf; 10 pages.
- Kolsch, Mathias, "Vision Based Hand Gesture Interfaces for Wearable Computing and Virtual Environments," A Dissertation submitted in partial satisfaction of the requirements for the degree of Doctor of Philosophy in Computer Science, University of California, Santa Barbara, Nov. 2004, 288 pages; <http://fulfillment.umi.com/dissertations/b7afbcb56ba72fdb14d26dfccc6b470f/1291487062/3143800.pdf>.
- Koyama, S., et al. "A Day and Night Vision MOS Imager with Robust Photonic-Crystal-Based RGB-and-IR," Mar. 2008, pp. 754-759; ISSN: 0018-9383; IEE Transactions on Electron Devices, vol. 55, No. 3; <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4455782&isnumber=4455723>.
- Lawson, S., "Cisco Plans TelePresence Translation Next Year," Dec. 9, 2008; http://www.pcworld.com/article/155237/.html?tk=rss_news; 2 pages.
- Lee, J. and Jeon, B., "Fast Mode Decision for H.264," ISO/IEC MPEG and ITU-T VCEG Joint Video Team, Doc. JVT-J033, Dec. 2003; http://media.skku.ac.kr/publications/paper/IntC/ljy_ICME2004.pdf; 4 pages.
- Liu, Z., "Head-Size Equalization for Better Visual Perception of Video Conferencing," Proceedings, IEEE International Conference on Multimedia & Expo (ICME2005), Jul. 6-8, 2005, Amsterdam, The Netherlands; <http://research.microsoft.com/users/cohen/HeadSizeEqualizationICME2005.pdf>; 4 pages.
- Mann, S., et al., "Virtual Bellows: Constructing High Quality Still from Video," Proceedings, First IEEE International Conference on Image Processing ICIP-94, Nov. 13-16, 1994, Austin, TX; <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.50.8405>; 5 pages.
- Marvin Imaging Processing Framework, "Skin-colored pixels detection using Marvin Framework," video clip, YouTube, posted Feb. 9, 2010 by marvinproject, 1 page; <http://www.youtube.com/user/marvinproject#p/a/u/0/3ZuQHYNlcr1>.
- Miller, Gregor, et al., "Interactive Free-Viewpoint Video," Centre for Vision, Speech and Signal Processing, [retrieved and printed on Feb. 26, 2009], <http://www.ee.surrey.ac.uk/CVSSP/VMRG/Publications/miller05cvmp.pdf>, 10 pages.
- Miller, Paul, "Microsoft Research patents controller-free computer input via EMG muscle sensors," Engadget.com, Jan. 3, 2010, 1 page; <http://www.engadget.com/2010/01/03/microsoft-research-patents-controller-free-computer-input-via-em/>.
- "Minoru from Novo is the worlds first consumer 3D Webcam," Dec. 11, 2008; <http://www.minoru3d.com>; 4 pages.
- Mitsubishi Electric Research Laboratories, copyright 2009 [retrieved and printed on Feb. 26, 2009], <http://www.merl.com/projects/3dtv>, 2 pages.

- National Training Systems Association Home—Main, Interservice/Industry Training, Simulation & Education Conference, Dec. 1-4, 2008; <http://ntsa.metapress.com/app/home/main.asp?referrer=default>; 1 page.
- Oh, Hwang-Seok, et al., “Block-Matching Algorithm Based on Dynamic Search Window Adjustment,” Dept of CS, KAIST, 1997, 6 pages; <http://citeseerx.ist.psu.edu/viewdoc/similar?doi=10.1.1.29.8621&type=ab>.
- Opera Over Cisco TelePresence at Cisco Expo 2009, in Hannover Germany—Apr. 28, 29, posted on YouTube on May 5, 2009; <http://www.youtube.com/watch?v=xN5jNH5E-38>; 1 page.
- OptoIQ, “Vision + Automation Products—VideometerLab 2,” [retrieved and printed on Mar. 18, 2010], <http://www.optoiq.com/optoiq-2/en-us/index/machine-vision-imaging-processing/display/vsd-articles-tools-template.articles.vision-systems-design.volume-11.issue-10.departments.new-products.vision-automation-products.htmlhtml>; 11 pages.
- OptoIQ “Anti-Speckle Techniques Uses Dynamic Optics,” Jun. 1, 2009; <http://www://optoiq.com/index/photonics-technologies-applications/lfw-display/lfw-article-dispay/363444/articles/optoiq2/photonics-technologies/technology-products/optical-components/optical-mems/2009/12/anti-speckle-technique-uses-dynamic-optics/QP129867/cmpid=EnIOptoLFWJanuary132010.html>; 2 pages.
- OptoIQ, “Smart Camera Supports Multiple Interfaces,” Jan. 22, 2009; <http://www.optoiq.com/index/machine-vision-imaging-processing/display/vsd-article-display/350639/articles/vision-systems-design/daily-product-2/2009/01/smart-camera-supports-multiple-interfaces.html>; 2 pages.
- OptoIQ, “Vision Systems Design—Machine Vision and Image Processing Technology,” [retrieved and printed on Mar. 18, 2010] <http://www.optoiq.com/index/machine-vision-imaging-processing.html>; 2 pages.
- Payatagool, Chris, “Orchestral Manoeuvres in the Light of Telepresence,” Telepresence Options, Nov. 12, 2008; http://www.telepresenceoptions.com/2008/11/orchestral_manoeuvres; 2 pages.
- PCT International Preliminary Report on Patentability mailed Aug. 26, 2010 for PCT/US2009/001070; 10 pages.
- PCT International Report of Patentability dated May 15, 2006, for PCT International Application PCT/US2004/021585, 6 pages.
- PCT International Search Report mailed Aug. 24, 2010 for PCT/US2010033880; 4 pages.
- PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for PCT/US2009/054061 mailed Feb. 23, 2010; 14 pages.
- Pixel Tools “Rate Control and H.264: H.264 rate control algorithm dynamically adjusts encoder parameters,” [retrieved and printed on Jun. 10, 2010] http://www.pixeltools.com/rate_control_paper.html; 7 pages.
- Radhika, N., et al., “Mobile Dynamic reconfigurable Context aware middleware for Adhoc smart spaces,” vol. 22, 2008; <http://www.acadjournal.com/2008/V22/part6/p7>; 3 pages.
- Rayvel Business-to-Business Products, copyright 2004 [retrieved and printed on Feb. 24, 2009], <http://www.rayvel.com/b2b.html>; 2 pages.
- “Real-time Hand Motion/Gesture Detection for HCI-Demo 2,” video clip, YouTube, posted Dec. 17, 2008 by smmy0705, 1 page; www.youtube.com/watch?v=mLT4CFLli8A&feature=related.
- Richardson I.E.G., et al., “Fast H.264 Skip Mode Selection Using and Estimation Framework,” Picture Coding Symposium, (Beijing, China), Apr. 2006; www.rgu.ac.uk/files/richardson_fast_skip_estmation_pcs06.pdf; 6 pages.
- Richardson, Iain, et al., “Video Encoder Complexity Reduction by Estimating Skip Mode Distortion,” Image Communication Technology Group; [Retrieved and printed Oct. 21, 2010] 4 pages; http://www4.rgu.ac.uk/files.ICIP04_richardson_zhao_final.pdf.
- “Robust Face Localisation Using Motion, Colour & Fusion”; Proc. VIIth Digital Image Computing: Techniques and Applications, Sun C. et al (Eds.), Sydney; XP007905630; pp. 899-908; Dec. 10, 2003; <http://www.cmis.csiro.au/Hugues.Talbot/dicta2003/cdrom/pdf/0899.pdf>.
- Satoh, Kiyohide et al., “Passive Depth Acquisition for 3D image Displays”, IEICE Transactions on Information and Systems, Information Systems Society, Tokyo, JP, Sep. 1, 1994, vol. E77-D, No. 9, pp. 949-957.
- School of Computing, “Bluetooth over IP for Mobile Phones,” 2005; http://www.computing.dcu.ie/wwwadmin/fyp-abstract/list/fyp_details05.jsp?year=2005&number=51470574; 1 page.
- Schroeder, Erica, “The Next Top Model—Collaboration,” Collaboration, The Workspace: A New World of Communications and Collaboration, Mar. 9, 2009; http://biogs.cisco.com/collaboration/comments/the_next_top_model; 3 pages.
- Sena, “Industrial Bluetooth,” [retrieved and printed on Apr. 22, 2009] http://www.sena.com/products/industrial_bluetooth; 1 page.
- Shaffer, Shmuel, “Translation—State of the Art” presentation; Jan. 15, 2009; 22 pages.
- Shi, C. et al., “Automatic Image Quality Improvement for Videoconferencing,” IEEE ICASSP May 2004; <http://research.microsoft.com/pubs/69079/0300701.pdf>; 4 pages.
- Shum, H.-Y., et al., “A Review of Image-Based Rendering Techniques,” in SPIE Proceedings vol. 4067(3); Proceedings of the Conference on Visual Communications and Image Processing 2000, Jun. 20-23, 2000, Perth, Australia; pp. 2-13; https://research.microsoft.com/pubs/68826/review_image_rendering.pdf.
- “Simple Hand Gesture Recognition,” video clip, YouTube, posted Aug. 25, 2008 by pooh8210, 1 page; <http://www.youtube.com/watch?v=F8GVeV0dYLM&Feature=related>.
- Smarthome, “IR Extender Expands Your IR Capabilities,” [retrieved and printed on Apr. 22, 2009], <http://www.smarthome.com/8121.html>; 3 pages.
- Soliman, H., et al., “Flow Bindings in Mobile IPv6 and NEMO Basic Support,” IETF MEXT Working Group, Nov. 9, 2009, 38 pages; <http://tools.ietf.org/html/draft-ietf-mext-flow-binding-04>.
- Sonoma Wireworks Forums, “Jammin on RiffLink,” [retrieved and printed on May 27, 2010] <http://www.sonomawireworks.com/forums/viewtopic.php?id=2659>; 5 pages.
- Sonoma Wireworks RiffLink, [retrieved and printed on Jun. 2, 2010] <http://www.sonomawireworks.com/rifflink.php>; 3 pages.
- Soochuan, Kim, et al., “Block-based face detection scheme using face color and motion estimation,” Real-Time imaging VIII; Jan. 20-22, 2004, San Jose, CA; vol. 5297, No. 1; Proceedings of the SPIE—The International Society for Optical Engineering SPIE-Int. Soc. Opt. Eng USA ISSN: 0277-786X; X9007905596; pp. 78-88.
- Sudan, Ranjeet, “Signaling in MPLS Networks with RSVP-TE-Technology Information,” Telecommunians, Nov. 2000, 3 pages; http://findarticles.com/p/articles/mi_mOTLC/is_11_34/ai_67447072/.
- Sullivan, Gary J., et al., “Video Compression—From Concepts to the H.264/AVC Standard,” Proceedings IEEE, vol. 93, No. 1, Jan. 2005; http://ip.hhi.de/imagecom_G1/assets/pdfs/piece_sullivan_wiegand_2005.pdf; 14 pages.
- Sun, X., et al., “Region of Interest Extraction and Virtual Camera Control Based on Panoramic Video Capturing,” IEEE Trans. Multimedia, Oct. 27, 2003; <http://vision.ece.ucsb.edu/publications/04mmXdsun.pdf>; 14 pages.
- Super Home Inspectors or Super inspectors, [retrieved and printed on Mar. 18, 2010] <http://www.umrt.com/PageManager/Default.aspx/PageID=2120325>; 3 pages.
- Total Immersion, Video Gallery, copyright 2008-2009 [retrieved and printed on Feb. 26, 2009], <http://www.t-immersion.com/en,video-gallery,36.html>, 1 page.
- Trucco, E., et al., “Real-Time Disparity Maps for Immersive 3-D Teleconferencing by Hybrid Recursive Matching and Census Transform,” [retrieved and printed on May 4, 2010] <http://server.cs.ucf.edu/~vision/papers/VidReg-final.pdf>; 9 pages.
- Tsapatsoulis, N., et al., “Face Detection for Multimedia Applications,” Proceedings of the ICIP Sep. 10-13, 2000, Vancouver, BC, Canada; vol. 2, pp. 247-250.
- Tsapatsoulis, N., et al., “Face Detection in Color Images and Video Sequences,” 10th Mediterranean Electrotechnical Conference (MELECON), May 29-31, 2000; vol. 2; pp. 498-502.
- Wachs, J., et. al., “A Real-time Hand Gesture System Based on Evolutionary Search,” Vision, 3rd Quarter 2006, vol. 22, No. 3, 18 pages; <http://web.ics.purdue.edu/~jpwachs/papers/3q06vi.pdf>.

- Wang, Hualu, et al., "A Highly Efficient System for Automatic Face Region Detection in MPEG Video," *IEEE Transactions on Circuits and Systems for Video Technology*; vol. 7, Issue 4; 1977 pp. 615-628.
- Wang, Robert and Jovan Popovic, "Real-Time Hand-Tracking with a Color Glove, *ACM Transaction on Graphics*" (SIGGRAPH 2009), 28(3), Aug. 2009; 8 pages <http://people.csail.mit.edu/rywang/handtracking/s09-hand-tracking.pdf>.
- Wang, Robert and Jovan Popovic, "Real-Time Hand-Tracking with a Color Glove, *ACM Transaction on Graphics*," 4 pages, [Retrieved and printed on Dec. 1, 2010] <http://people.csail.mit.edu/rywang/hand>.
- Wang, Robert and Jovan Popovic, "Gestural user input," video clip, YouTube, posted by rkeltset on May 19, 2010, 1 page; <http://www.youtube.com/watch?v=3JWYTtBjdTE>.
- Wang, Robert and Jovan Popovic, "Tracking the 3D pose and configuration of the hand," video clip, YouTube, posted by rkeltset on Mar. 31, 2010, 1 page; <http://www.youtube.com/watch?v=JOXwJkWP6Sw>.
- Wang, Robert and Jovan Popovic, "Desktop virtual reality," video clip, YouTube, posted by rkeltset on Apr. 8, 2010, 1 page; <http://www.youtube.com/watch?v=9rBtm62Lkfk>.
- Wang, Robert and Jovan Popovic, "Bimanual rotation and scaling," video clip, YouTube, posted by rkeltset on Apr. 14, 2010, 1 page; <http://www.youtube.com/watch?v=7TPFSCX79U>.
- Wang, Robert and Jovan Popovic, "Manipulating a virtual yoke," video clip, YouTube, posted by rkeltset on Jun. 8, 2010, 1 page; <http://www.youtube.com/watch?v=UfgGOO2uM>.
- Westerink, P.H et al., "Two-pass MPEG-2 variable-bitrate encoding," *IBM Journal of Research and Development*, Jul. 1991, vol. 43, No. 4; <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.128.421>; 18 pages.
- Wiegand, T., et al., "Efficient mode selection for block-based motion compensated video coding," *Proceedings, 2005 International Conference on Image Processing IIP 2005*, pp. 2559-2562; citeseerx.ist.psu.edu/wiegand95efficient.html.
- Wiegand, T., et al., "Rate-distortion optimized mode selection for very low bit rate video coding and the emerging H.263 standard," *IEEE Trans. Circuits Syst. Video Technol.*, Apr. 1996, vol. 6, No. 2, pp. 182-190.
- Wi-Fi Protected Setup, from Wikipedia, Sep. 2, 2010, 3 pages http://en.wikipedia.org/wiki/Wi-Fi_Protected_Setup.
- Wilson, Mark, "Dreamoc 3D Display Turns Any Phone Into Hologram Machine," Oct. 30, 2008; <http://gizmodo.com/5070906/dreamoc-3d-display-turns-any-phone-into-hologram-machine>; 2 pages.
- WirelessDevNet, Melody Launches Bluetooth Over IP, [retrieved and printed on Jun. 5, 2010] <http://www.wirelessdevnet.com/news/2001/155/news5.html>; 2 pages.
- Xia, F., et al., "Home Agent Initiated Flow Binding for Mobile IPv6," *Network Working Group*, Oct. 19, 2009, 15 pages; <http://tools.ietf.org/html/draft-xia-mext-ha-init-flow-binding-01.txt>.
- Xin, Jun, et al., "Efficient macroblock coding-mode decision for H.264/AVC video coding," *Technical Report MERL 2004-079*, Mitsubishi Electric Research Laboratories, Jan. 2004; www.merl.com/publications/TR2004-079/; 12 pages.
- Yang, Jie, et al., "A Real-Time Face Tracker," *Proceedings 3rd IEEE Workshop on Applications of Computer Vision*; 1996; Dec. 2-4, 1996; pp. 142-147; http://www.ri.cmu.edu/pub_files/pub1/yang_jie_1996_1/yang_jie_1996_1.pdf.
- Yang, Ming-Hsuan, et al., "Detecting Faces in Images: A Survey," vol. 24, No. 1; Jan. 2002; pp. 34-58; <http://vision.ai.uiuc.edu/mhyang/papers/pami02a.pdf>.
- Yang, Ruigang, et al., "Real-Time Consensus-Based Scene Reconstruction using Commodity Graphics Hardware," *Department of Computer Science, University of North Carolina at Chapel Hill*; 2002; http://www.cs.unc.edu/Research/stc/publications/yang_pacigra2002.pdf; 10 pages.
- Yang, Xiaokang, et al., "Rate Control for H.264 with Two-Step Quantization Parameter Determination but Single-Pass Encoding," *EURASIP Journal on Applied Signal Processing*, Jun. 2006; <http://downloads.hindawi.com/journals/asp/2006/063409.pdf>; 13 pages.
- Yegani, P. et al., "GRE Key Extension for Mobile IPv4," *Network Working Group*, Feb. 2006, 11 pages; <http://tools.ietf.org/pdf/draft-yegani-gre-key-extension-01.pdf>.
- Yoo, Byoung-hun, et al., "Image-Based Modeling of Urban Buildings Using Aerial Photographs and Digital Maps," *Transactions in GIS*, 2006, 10(3): p. 377-394.
- Zhong, Ren, et al., "Integration of Mobile IP and MPLS," *Network Working Group*, Jul. 2000, 15 pages; <http://tools.ietf.org/html/draft-zhong-mobile-ip-mpls-01>.
- "Oblong Industries is the developer of the g-speak spatial operation environment," *Oblong Industries Information Page*, 2 pages, [Retrieved and printed on Dec. 1, 2010] <http://oblong.com>.
- Underkoffler, John, "G-Speak Overview 1828121108," video clip, Vimeo.com, 1 page, [Retrieved and printed on Dec. 1, 2010] <http://vimeo.com/2229299>.
- Kramer, Kwindla, "Mary Ann de Lares Norris at Thinking digital," *Oblong Industries, Inc. Web Log*, Aug. 24, 2010; 1 page; <http://oblong.com/articles/08S6hEeJmoHoCwgJ.html>.
- "Mary Ann de Lares Norris," video clip, *Thinking Digital 2010 Day Two, Thinking Digital Videos*, May 27, 2010, 3 pages; <http://videos.thinkingdigital.co.uk/2010/05/mary-ann-de-lares-norris-oblong/>.
- Kramer, Kwindla, "Oblong at TED," *Oblong Industries, Inc. Web Log*, Jun. 6, 2010, 1 page; <http://oblong.com/article/0B22LFIS1NVyrOmR.html>.
- "John Underkoffler points to the future of UI," video clip and interactive transcript, *Video on TED.com*, Jun. 2010, 6 pages; http://www.ted.com/talks/john_underkoffler_drive_3d_data_with_a_gesture.html.
- Kramer, Kwindla, "Oblong on Bloomberg TV," *Oblong industries, Inc. Web Log*, Jan. 28 2010, 1 page; http://oblong.com/article/0AN_1KD9q990PENw.html.
- Kramer, Kwindla, "g-speak at RISD, Fall 2009," *Oblong Industries, Inc. Web Log*, Oct. 29, 2009, 1 page; <http://oblong.com/article/09uW060q6xRIZYvm.html>.
- Kramer, Kwindla, "g-speak + TMG," *Oblong Industries, Inc. Web Log*, Mar. 24, 2009, 1 page; <http://oblong.com/article/08mM77zpYMm7kFtv.html>.
- "G-stalt version 1," video clip, *YouTube.com*, posted by ziggles on Mar. 15, 2009, 1 page; <http://youtube.com/watch?v=k8ZAql4mdvk>.
- Underkoffler, John, "Carlton Sparrell speaks at MIT," *Oblong Industries, Inc. Web Log*, Oct. 30, 2009, 1 page; <http://oblong.com/article/09usAB411Ukb6CPw.html>.
- Underkoffler, John, "Carlton Sparrell at MIT Media Lab," video clip, *Vimeo.com*, 1 page, [Retrieved and printed Dec. 1, 2010] <http://vimeo.com/7355992>.
- Underkoffler, John, "Oblong at Altitude: Sundance 2009," *Oblong Industries, Inc. Web Log*, Jan. 20, 2009, 1 page; http://oblong.com/article/08Sr62ron_2akg0D.html.
- Underkoffler, John, "Oblong's tamper system 1801011309," video clip, *Vimeo.com*, 1 page, [Retrieved and printed Dec. 1, 2010] <http://vimeo.com/2821182>.
- Feld, Brad, "Science Fact," *Oblong Industries, Inc. Web Log*, Nov. 13, 2008, 2 pages; <http://oblong.com/article/084H-PKISTb9I4Ti.html>.
- Kwindla Kramer, "g-speak in slices," *Oblong Industries, Inc. Web Log*, Nov. 13, 2008, 6 pages; <http://oblong.com/article/0856JqfNrFg1NeuK.html>.
- Underkoffler, John, "Origins: arriving here," *Oblong Industries, Inc. Web Log*, Nov. 13, 2008, 5 pages; <http://oblong.com/article/085zBpRSY9JeLv2z.html>.
- Rishel, Christian, "Commercial overview: Platform and Products," *Oblong Industries, Inc.*, Nov. 13, 2008, 3 pages; <http://oblong.com/article/086E19gPvDcktAf9.html>.
- "Eye Tracking," from Wikipedia, (printed on Aug. 31, 2011) 12 pages; http://en.wikipedia.org/wiki/Eye_tracker.
- "RoundTable, 360 Degrees Video Conferencing Camera unveiled by Microsoft," *TechShout*, Jun. 30, 2006, 1 page; <http://www.techshout.com/gadgets/2006/30/roundtable-360-degrees-video-conferencing-camera-unveiled-by-microsoft/#>.
- Dornaika F., et al., "Jead and Facial Animation Tracking Using Appearance-Adaptive Models and Particle Filters," 20040627;

20040627-20040602, Jun. 27, 2004, 22 pages; Heudiasy Research Lab, http://eprints.pascal-network.org/archive/00001231/01/rtvhci_chapter8.pdf.

Eisert, Peter, "Immersive 3-D Video Conferencing: Challenges, Concepts and Implementations," Proceedings of SPIE Visual Communications and Image Processing (VCIP), Lugano, Switzerland, Jul. 2003; 11 pages; <http://iphome.hhi.de/eisert/papers/vcip03.pdf>.

EPO Aug. 15, 2011 Response to EPO Communication mailed Feb. 25, 2011 from European Patent Application No. 09725288.6; 15 pages.

Geys et al., "Fast Interpolated Cameras by Combining a GPU Based Plane Sweep With a Max-Flow Regularisation Algorithm," Sep. 9, 2004; 3D Data Processing, Visualization and Transmission 2004, pp. 534-541.

Hammadi, Nait Charif et al., "Tracking the Activity of Participants in a Meeting," Machine Vision and Applications, Springer, Berlin, De LnkD—DOI:10.1007/S00138-006-0015-5, vol. 17, No. 2, May 1, 2006, pp. 83-93, XP019323925 <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.106.9832>.

Kwolek, B., "Model Based Facial Pose Tracking Using a Particle Filter," Geometric Modeling and Imaging—New Trends, 2006 Lon-

don, England Jul. 5-6, 2005, Piscataway, NJ, USA, IEEE LNKD-DOI: 10.1109/GMAI.2006.34 Jul. 5, 2006, pp. 203-208; XP010927285 [Abstract Only].

PCT Sep. 25, 2007 Notification of Transmittal of the International Search Report from PCT/US06/45895.

PCT Sep. 2, 2008 International Preliminary Report on Patentability (1 page) and the Written Opinion of the ISA (4 pages) from PCT/US2006/045895.

PCT Sep. 11, 2008 Notification of Transmittal of the International Search Report from PCT/US07/09469.

PCT Nov. 4, 2008 International Preliminary Report on Patentability (1 page) and the Written Opinion of the ISA (8 pages) from PCT/US2007/009469.

PCT Nov. 11, 2010 International Search Report from PCT/US2010/024059; 4 pages.

PCT Aug. 23, 2011 International Preliminary Report on Patentability and Written Opinion of the ISA from PCT/US2010/024059; 6 pages.

* cited by examiner

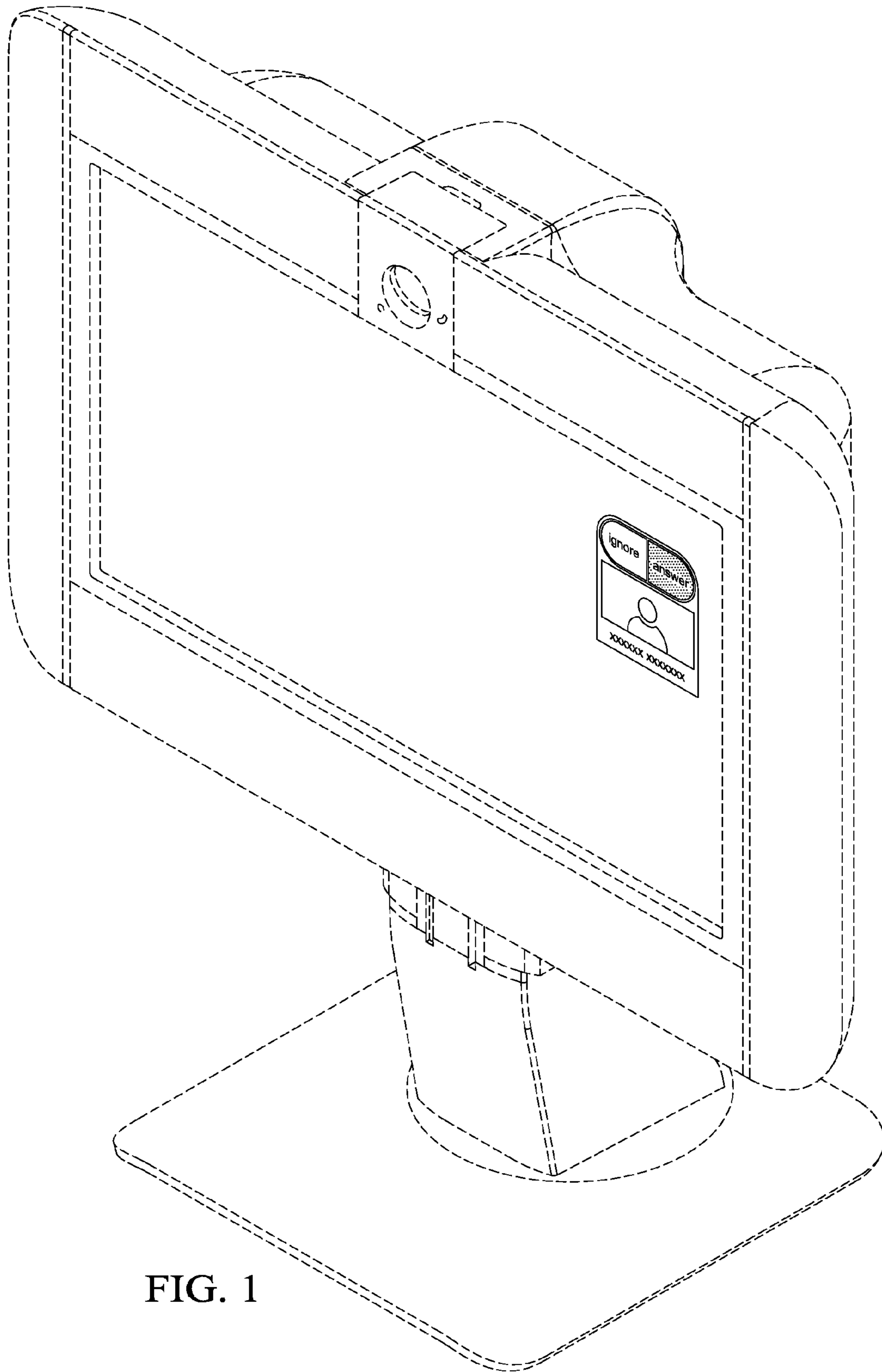


FIG. 1

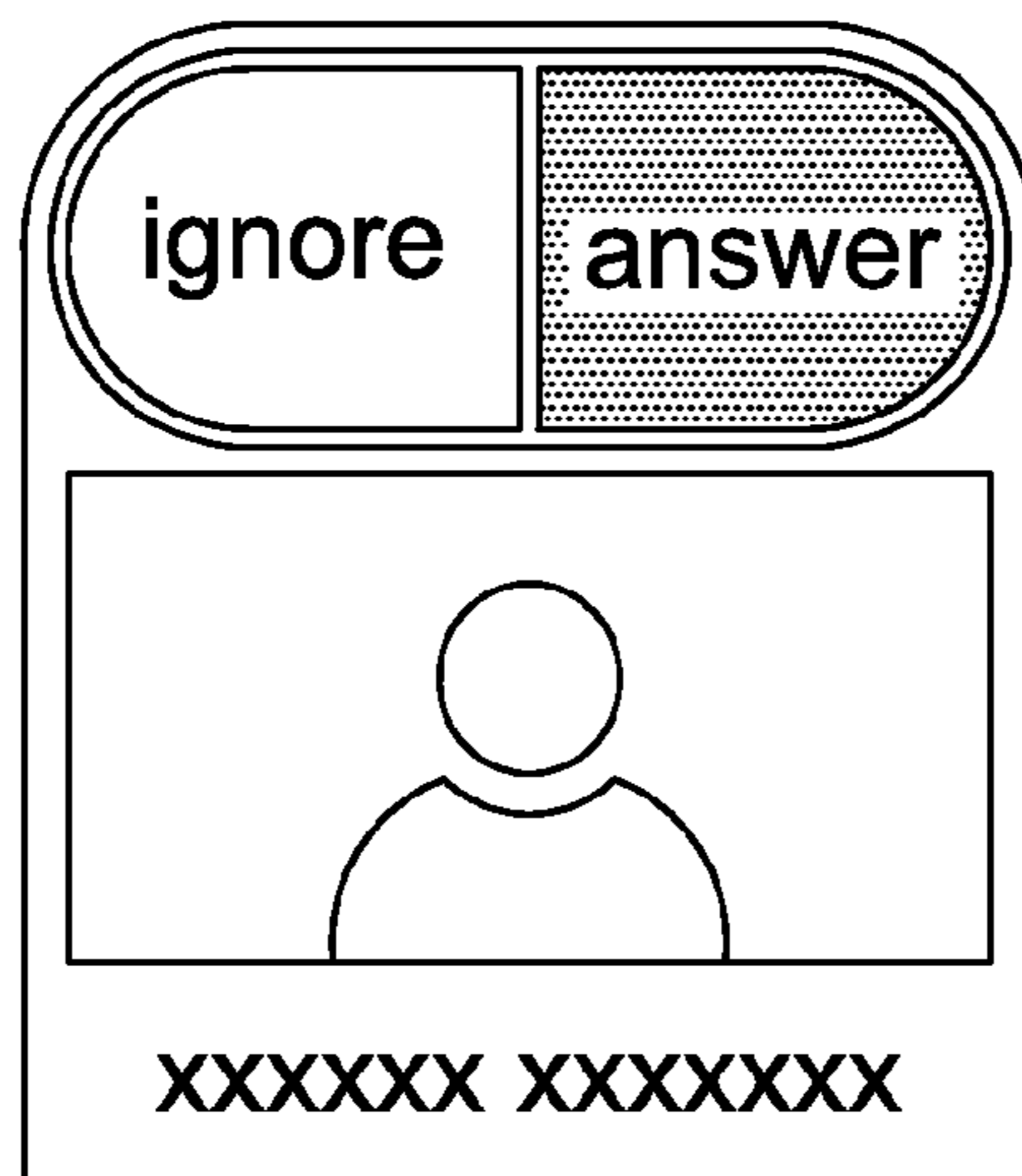


FIG. 2