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**Aoki et al.**

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(54) **GAME DISPLAY SCREEN WITH MULTIPLE ARRAYS OF REELS**

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

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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,661,954 A 12/1953 Koci ..... 463/57  
D236,720 S 9/1975 Baker ..... D21/370

D238,379 S 1/1976 Miller ..... D21/1  
4,046,419 A 9/1977 Schmitt ..... 297/153  
D252,108 S \* 6/1979 Urosa ..... D21/355  
D264,485 S 5/1982 Kitchen ..... D21/370  
4,372,557 A 2/1983 Del Principe et al. .... 273/88  
4,373,725 A 2/1983 Ritchie ..... 273/121  
D275,772 S 10/1984 Akopian et al. .... D21/13  
D280,835 S 10/1985 Berge et al. .... D21/13  
D280,836 S 10/1985 Ludzia et al. .... D21/13  
4,606,545 A 8/1986 Ritchie ..... 273/121  
4,705,274 A 11/1987 Lubeck ..... 273/148  
4,840,343 A 6/1989 Gasser ..... 248/500

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 649 671 A1 4/1995 ..... A63F 7/02  
JP 03210172 B2 2/1993 ..... A63F 9/22

(Continued)

**OTHER PUBLICATIONS**

Product Sheet for "American Eagle," Eagle Co. Ltd., 1997 (2 pages).

(Continued)

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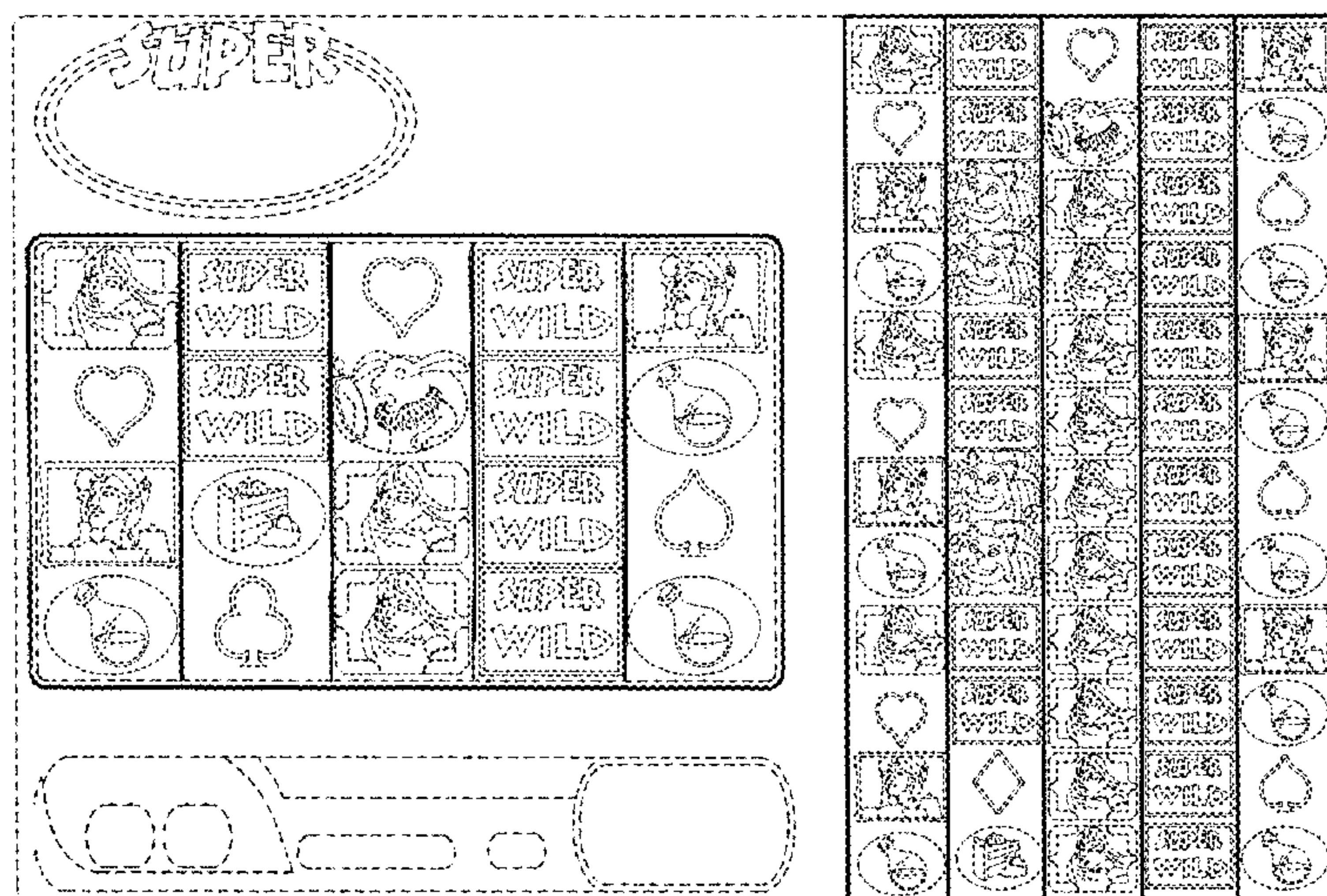
(57) **CLAIM**

We claim the ornamental design for a game display screen with multiple arrays of reels, as shown and described.

**DESCRIPTION**

The FIGURE illustrates an image of a game screen displaying multiple arrays of reels.  
The broken lines depict unclaimed environmental subject matter.

**1 Claim, 1 Drawing Sheet**





(56)

## References Cited

## U.S. PATENT DOCUMENTS

- 4,861,037 A 8/1989 Oursler ..... 273/121 D  
4,960,117 A 10/1990 Moncrief et al. .... 463/46  
4,981,298 A 1/1991 Lawlor et al. .... 273/121 A  
D315,110 S 3/1991 Slater ..... D10/88  
5,015,189 A 5/1991 Wenzinger et al. .... 434/63  
5,074,558 A 12/1991 Bleich et al. .... 273/121 A  
5,083,738 A 1/1992 Infanti ..... 248/500  
5,091,677 A 2/1992 Bleich et al. .... 315/360  
5,102,192 A 4/1992 Barile ..... 297/257  
5,110,120 A 5/1992 Smolucha ..... 273/121 R  
5,114,112 A 5/1992 Infanti ..... 248/500  
5,120,058 A 6/1992 Trudeau et al. .... 773/121 R  
5,123,647 A 6/1992 Lawlor et al. .... 273/121 A  
5,143,055 A 9/1992 Eakin ..... 601/47  
5,149,094 A 9/1992 Tastad ..... 273/121 A  
D333,164 S 2/1993 Kraft et al. .... D21/325  
5,193,807 A 3/1993 Schilling et al. .... 273/121 R  
5,195,746 A 3/1993 Boyd et al. .... 463/37  
D335,150 S 4/1993 Biagi et al. .... D21/48  
5,226,653 A 7/1993 Bil et al. .... 273/121 A  
5,232,191 A 8/1993 Infanti ..... 248/500  
5,290,034 A 3/1994 Hineman ..... 273/148  
5,297,793 A 3/1994 DeMar et al. .... 273/129 V  
5,316,303 A 5/1994 Trudeau et al. .... 273/121 A  
5,322,283 A 6/1994 Ritchie et al. .... 273/177  
5,326,104 A 7/1994 Pease et al. .... 273/138 A  
5,350,174 A 9/1994 Ritchie et al. .... 273/121 A  
D351,869 S 10/1994 Rothschild et al. .... D21/37  
5,351,954 A 10/1994 Oursler et al. .... 273/127 R  
5,357,104 A 10/1994 Bleich ..... 250/229  
5,358,241 A 10/1994 Anghelo et al. .... 273/118 R  
5,358,242 A 10/1994 Trudeau et al. .... 273/119 R  
5,358,243 A 10/1994 Eddy et al. .... 273/121 D  
D352,738 S 11/1994 Anghelo et al. .... D21/13  
5,383,663 A 1/1995 Anghelo et al. .... 273/118 R  
5,405,144 A 4/1995 Ritchie et al. .... 273/121 A  
5,409,296 A 4/1995 Barile ..... 297/344.1  
5,411,257 A 5/1995 Fulton ..... 273/85  
5,415,402 A 5/1995 Morrison et al. .... 273/121 A  
5,415,403 A 5/1995 Ritchie et al. .... 273/121 A  
5,417,423 A 5/1995 Oursler et al. .... 273/127 R  
5,417,425 A 5/1995 Blumberg et al. .... 273/153 R  
5,437,453 A 8/1995 Hineman ..... 273/148  
5,465,963 A 11/1995 Patla, Sr. .... 273/118 R  
5,472,197 A 12/1995 Gwiasda et al. .... 273/143 R  
5,494,286 A 2/1996 DeMar et al. .... 273/121 A  
5,507,488 A 4/1996 Eddy et al. .... 273/127 R  
5,511,783 A 4/1996 Popadiuk et al. .... 273/118 R  
5,516,103 A 5/1996 Lawlor et al. .... 273/127 R  
5,522,641 A 6/1996 Infanti ..... 297/344.13  
5,524,887 A 6/1996 Trudeau et al. .... 273/129 S  
5,531,448 A 7/1996 Moody  
5,533,726 A 7/1996 Nordman et al. .... 273/119 R  
5,542,748 A 8/1996 Barile ..... 297/463.1  
D376,391 S 12/1996 Okumura ..... D21/326  
5,580,052 A 12/1996 Popadiuk et al. .... 273/127 R  
5,632,482 A 5/1997 Anghelo ..... 273/121 R  
D379,643 S \* 6/1997 Price ..... D10/46.1  
D380,014 S 6/1997 Yang ..... D21/370  
5,655,965 A 8/1997 Takemoto et al. .... 463/20  
5,664,777 A 9/1997 Nordman et al. .... 273/127 R  
5,669,818 A 9/1997 Thorner et al. .... 463/30  
5,678,886 A 10/1997 Infanti ..... 297/217.3  
5,697,612 A 12/1997 Piotrowski et al. .... 273/127 R  
5,704,835 A 1/1998 Dietz, II ..... 463/20  
5,707,059 A 1/1998 Sullivan et al. .... 273/121 A  
5,720,480 A 2/1998 Lawlor et al. .... 273/118 A  
5,732,950 A 3/1998 Moody  
D395,436 S 6/1998 Hagenbuch ..... D15/32  
5,762,617 A 6/1998 Infanti ..... 601/49  
5,791,731 A 8/1998 Infanti ..... 297/217.3  
5,806,851 A 9/1998 Gomez et al. .... 273/121 A  
5,807,172 A 9/1998 Piechowiak  
5,820,460 A 10/1998 Fulton ..... 463/13  
5,823,873 A 10/1998 Moody  
5,833,236 A 11/1998 Oursler et al. .... 273/127 R  
D405,473 S 2/1999 Tikhonski et al. .... D20/42  
D407,759 S 4/1999 Isetani et al. .... D21/326  
D408,366 S 4/1999 Popadiuk ..... D13/58  
5,890,715 A 4/1999 Gomez et al. .... 273/118 R  
5,899,454 A 5/1999 Eddy et al. .... 273/127 C  
5,924,690 A 7/1999 Kopera et al. .... 273/127 R  
5,934,672 A 8/1999 Sines et al. .... 273/143 R  
5,938,195 A 8/1999 Anghelo et al. .... 273/127 D  
5,944,309 A 8/1999 Popadiuk et al. .... 273/121 A  
5,954,335 A 9/1999 Moody  
D417,145 S 11/1999 McLaughlin ..... D9/332  
5,976,016 A 11/1999 Moody et al.  
5,984,782 A 11/1999 Inoue ..... 463/20  
5,997,401 A 12/1999 Crawford  
6,000,697 A 12/1999 Popadiuk et al. .... 273/118 R  
6,007,066 A 12/1999 Moody  
D419,201 S 1/2000 De Haas ..... D21/370  
D419,606 S 1/2000 Toriyama ..... D21/325  
6,036,188 A 3/2000 Gomez et al. .... 273/118 R  
6,047,962 A 4/2000 Popadiuk ..... 273/119 A  
6,047,963 A 4/2000 Pierce et al. .... 273/143 R  
D424,122 S 5/2000 Dickenson et al. .... D21/325  
6,071,190 A 6/2000 Weiss et al. .... 463/25  
D428,062 S 7/2000 Hayashi ..... D21/325  
6,089,663 A 7/2000 Hill ..... 297/258.1  
6,098,985 A 8/2000 Moody  
6,102,394 A 8/2000 Wurz et al. .... 273/138.2  
6,113,097 A 9/2000 Krutsch et al. .... 273/118 A  
6,117,010 A 9/2000 Canterbury ..... 463/20  
6,120,021 A 9/2000 Piotrowski et al. .... 273/118 R  
6,120,378 A 9/2000 Moody et al.  
6,129,353 A 10/2000 DeMar et al. .... 273/119 R  
6,129,355 A 10/2000 Hahn et al. .... 273/142 R  
6,135,449 A 10/2000 Cornell et al. .... 273/119 R  
6,135,562 A 10/2000 Infanti ..... 297/440.2  
6,149,153 A 11/2000 Sheats, Jr. .... 273/129 V  
6,155,565 A 12/2000 Gomez et al. .... 273/118 R  
6,155,925 A 12/2000 Giobbi et al. .... 463/20  
6,158,737 A 12/2000 Cornell et al. .... 273/118 R  
6,159,095 A 12/2000 Frohm et al.  
6,159,098 A 12/2000 Slomiany et al. .... 463/25  
6,164,644 A 12/2000 Cornell et al. .... 273/118 R  
6,173,955 B1 1/2001 Perrie et al. .... 273/146  
6,199,861 B1 3/2001 Hume et al. .... 273/118 R  
6,203,428 B1 3/2001 Giobbi et al.  
D439,931 S 4/2001 Yamaguchi ..... D21/369  
6,210,279 B1 4/2001 Dickinson ..... 463/37  
6,224,482 B1 5/2001 Bennett ..... 463/20  
6,227,614 B1 5/2001 Rubin ..... 297/172  
6,227,970 B1 5/2001 Shimizu et al. .... 463/20  
D443,313 S 6/2001 Brettschneider ..... D21/369  
D446,252 S 8/2001 Yamaguchi ..... D21/325  
6,270,412 B1 8/2001 Crawford et al.  
6,280,328 B1 8/2001 Holch et al.  
6,283,546 B1 9/2001 Hill ..... 297/271.1  
6,290,229 B1 9/2001 Perez ..... 273/148  
D450,094 S 11/2001 Hedrick et al. .... D21/369  
6,311,978 B1 11/2001 Moody  
6,315,291 B1 11/2001 Moody  
6,334,612 B1 1/2002 Wurz et al. .... 273/143 R  
6,354,660 B1 3/2002 Friedrich ..... 297/217.1  
6,364,313 B1 4/2002 Moody  
D459,402 S 6/2002 Wurz et al. .... D21/325  
6,419,578 B1 7/2002 Moody et al.  
6,422,670 B1 7/2002 Hedrick et al. .... 312/223.1  
6,422,941 B1 7/2002 Thorner et al. .... 463/30  
6,439,993 B1 8/2002 O'Halloran ..... 463/16  
D463,504 S 9/2002 Stephan ..... D21/325  
D464,377 S 10/2002 Wurz et al. .... D21/325  
D465,813 S 11/2002 Randall ..... D21/370  
D466,160 S 11/2002 Hirato et al. .... D21/325  
D467,977 S 12/2002 Gatto et al. .... D21/326  
D468,364 S 1/2003 Beadell et al. .... D21/325  
6,517,074 B1 2/2003 Moody et al.  
6,517,433 B2 2/2003 Loose et al.  
6,530,842 B1 3/2003 Wells et al. .... 463/46  
6,530,872 B2 3/2003 Frehland et al. .... 494/49  
6,533,273 B2 3/2003 Cole et al.



(56)

## References Cited

## U.S. PATENT DOCUMENTS

- |              |         |                                  |              |         |                              |
|--------------|---------|----------------------------------|--------------|---------|------------------------------|
| 6,561,898 B2 | 5/2003  | Moody                            | 7,381,133 B2 | 6/2008  | Thomas                       |
| 6,568,680 B1 | 5/2003  | Moody et al.                     | D572,314 S   | 7/2008  | Vallejo et al. .... D21/370  |
| 6,572,187 B2 | 6/2003  | Laufer ..... 297/217.1           | 7,404,762 B2 | 7/2008  | Moody                        |
| 6,589,114 B2 | 7/2003  | Rose ..... 463/20                | D578,168 S   | 10/2008 | Looks et al. .... D21/369    |
| 6,609,972 B2 | 8/2003  | Seelig ..... 463/20              | 7,431,644 B2 | 10/2008 | Moody                        |
| 6,612,574 B1 | 9/2003  | Cole et al.                      | D581,983 S   | 12/2008 | Bergström ..... D20/2        |
| 6,612,575 B1 | 9/2003  | Cole et al.                      | RE40,625 E   | 1/2009  | Wurz et al. .... D21/325     |
| 6,616,142 B2 | 9/2003  | Adams ..... 273/292              | 7,479,066 B2 | 1/2009  | Emori ..... 463/46           |
| 6,620,047 B1 | 9/2003  | Alcorn et al. .... 463/37        | D587,272 S   | 2/2009  | Morrow et al. .... D14/448   |
| D481,078 S   | 10/2003 | Stephan ..... D21/369            | D587,319 S   | 2/2009  | Moises Deiab ..... D21/325   |
| 6,646,695 B1 | 11/2003 | Gauselmann ..... 349/58          | 7,494,413 B2 | 2/2009  | Singer et al.                |
| 6,652,377 B1 | 11/2003 | Moody                            | RE40,671 E   | 3/2009  | Wurz et al. .... D21/325     |
| 6,652,378 B2 | 11/2003 | Cannon et al.                    | 7,503,849 B2 | 3/2009  | Hornik et al. .... 463/20    |
| D483,075 S   | 12/2003 | Kang ..... D21/326               | D590,025 S   | 4/2009  | Fiore ..... D21/370          |
| D484,548 S   | 12/2003 | Franco Muñoz et al. ... D21/370  | 7,527,557 B2 | 5/2009  | Jackson                      |
| 6,656,040 B1 | 12/2003 | Brosnan et al.                   | D594,068 S   | 6/2009  | Hsu ..... D21/370            |
| D485,583 S   | 1/2004  | Porto ..... D21/369              | D599,365 S   | 9/2009  | Brown et al. .... D14/485    |
| 6,672,959 B2 | 1/2004  | Moody et al.                     | D599,858 S   | 9/2009  | Lesley et al. .... D21/370   |
| 6,715,756 B2 | 4/2004  | Inoue ..... 273/138              | D599,859 S   | 9/2009  | Lesley et al. .... D21/370   |
| 6,729,618 B1 | 5/2004  | Koenig et al. .... 273/138.2     | D599,860 S   | 9/2009  | Lesley et al. .... D21/385   |
| D492,363 S   | 6/2004  | Seelig et al. .... D21/370       | D601,638 S   | 10/2009 | Palmisano ..... D21/385      |
| D492,364 S   | 6/2004  | Seelig et al. .... D21/370       | 7,601,062 B2 | 10/2009 | Cole et al.                  |
| D492,365 S   | 6/2004  | Muñoz et al. .... D21/370        | D604,368 S   | 11/2009 | Lesley et al. .... D21/370   |
| 6,755,738 B2 | 6/2004  | Glasson et al.                   | 7,628,693 B2 | 12/2009 | Thomas ..... 463/20          |
| D492,676 S   | 7/2004  | Monson et al. .... D14/306       | 7,666,085 B2 | 2/2010  | Vorias et al. .... 463/20    |
| D493,843 S   | 8/2004  | Jackson et al. .... D21/327      | 7,686,689 B2 | 3/2010  | Thomas ..... 463/27          |
| D493,846 S   | 8/2004  | Seelig et al. .... D21/370       | D613,802 S   | 4/2010  | Meyers et al. .... D21/370   |
| D495,754 S   | 9/2004  | Wurz et al. .... D21/370         | D615,598 S   | 5/2010  | McComb et al. .... D21/370   |
| D495,755 S   | 9/2004  | Wurz et al. .... D21/370         | 7,713,119 B2 | 5/2010  | Pacey et al. .... 463/20     |
| D498,267 S   | 11/2004 | Crouch ..... D21/370             | D622,780 S   | 8/2010  | Lesley et al. .... D21/369   |
| D500,098 S   | 12/2004 | Doi ..... D21/477                | D622,781 S   | 8/2010  | Lesley et al. .... D21/369   |
| 6,832,957 B2 | 12/2004 | Falconer                         | D622,782 S   | 8/2010  | Lesley et al. .... D21/385   |
| 6,860,810 B2 | 3/2005  | Cannon et al.                    | D626,182 S   | 10/2010 | Cole et al. .... D21/369     |
| 6,880,825 B2 | 4/2005  | Seelig et al. .... 273/143 R     | D626,183 S   | 10/2010 | Cole et al. .... D21/370     |
| D505,162 S   | 5/2005  | Bristol et al. .... D21/369      | 7,811,167 B2 | 10/2010 | Giobbi et al. .... 463/24    |
| 6,921,334 B1 | 7/2005  | Bennett                          | D631,060 S   | 1/2011  | Flik et al. .... D14/486     |
| D508,268 S   | 8/2005  | Hanchar et al. .... D21/369      | D631,100 S   | 1/2011  | Palmisano ..... D21/385      |
| D508,269 S   | 8/2005  | Wichinsky ..... D21/369          | D633,950 S   | 3/2011  | Terpstra et al. .... D21/369 |
| D508,719 S   | 8/2005  | de Haas ..... D21/369            | 7,927,204 B2 | 4/2011  | Debrabander et al.           |
| D508,961 S   | 8/2005  | Gatto et al. .... D21/369        | D637,238 S   | 5/2011  | O'Keene et al. .... D21/370  |
| D509,254 S   | 9/2005  | Rasmussen et al. .... D21/369    | D637,652 S   | 5/2011  | Tahara et al. .... D21/325   |
| D509,255 S   | 9/2005  | Bristol et al. .... D21/369      | 7,938,728 B2 | 5/2011  | Vetter et al. .... 463/46    |
| 6,955,356 B2 | 10/2005 | Moody                            | 7,955,176 B2 | 6/2011  | Tastad et al. .... 463/46    |
| D512,105 S   | 11/2005 | Chitrapongse et al. .... D21/370 | D641,047 S   | 7/2011  | Tahara et al. .... D21/235   |
| 6,964,418 B2 | 11/2005 | Moody                            | 7,976,393 B2 | 7/2011  | Haga et al. .... 463/46      |
| D513,511 S   | 1/2006  | Decombe ..... D14/486            | 7,985,139 B2 | 7/2011  | Lind et al. .... 463/46      |
| D515,144 S   | 2/2006  | Boyd ..... D21/369               | 8,002,424 B2 | 8/2011  | Hwang et al. .... 362/125    |
| 6,997,810 B2 | 2/2006  | Cole ..... 463/46                | 8,002,626 B2 | 8/2011  | Englman ..... 463/20         |
| 7,011,581 B2 | 3/2006  | Cole et al.                      | D646,337 S   | 10/2011 | Kelly et al. .... D21/370    |
| 7,063,615 B2 | 6/2006  | Alcorn et al. .... 463/1         | D646,691 S   | 10/2011 | Thai et al. .... D14/486     |
| 7,108,237 B2 | 9/2006  | Gauselmann ..... 248/220.22      | D649,605 S   | 11/2011 | Terpstra et al. .... D21/370 |
| D531,677 S   | 11/2006 | Mallory et al. .... D21/369      | D651,608 S   | 1/2012  | Allen et al. .... D14/485    |
| 7,137,628 B2 | 11/2006 | Moody                            | 8,105,145 B2 | 1/2012  | Jaffe                        |
| 7,156,397 B2 | 1/2007  | Moody et al.                     | 8,152,623 B2 | 4/2012  | Fiden ..... 463/20           |
| 7,156,735 B2 | 1/2007  | Brosnan et al.                   | 8,162,740 B2 | 4/2012  | Aoki ..... 463/20            |
| 7,184,277 B2 | 2/2007  | Beirne ..... 361/807             | 8,216,061 B2 | 7/2012  | Pacey ..... 463/25           |
| D539,854 S   | 4/2007  | Luciano et al. .... D21/369      | 8,251,794 B2 | 8/2012  | O'Halloran                   |
| 7,222,857 B2 | 5/2007  | Moody                            | 8,267,764 B1 | 9/2012  | Aoki et al. .... 463/16      |
| 7,222,858 B2 | 5/2007  | Moody                            | D669,076 S   | 10/2012 | Haller ..... D14/374         |
| 7,247,098 B1 | 7/2007  | Bradford et al. .... 463/47      | 8,292,451 B2 | 10/2012 | Hwang et al. .... 362/125    |
| D548,801 S   | 8/2007  | Groswirt ..... D21/369           | 8,303,420 B2 | 11/2012 | Chudek et al. .... 463/46    |
| D549,785 S   | 8/2007  | Luciano, Jr. et al. .... D21/370 | 8,323,114 B2 | 12/2012 | Burak et al. .... 463/46     |
| 7,267,612 B2 | 9/2007  | Alcorn et al. .... 463/16        | D673,620 S   | 1/2013  | Johnson et al. .... D21/369  |
| D554,710 S   | 11/2007 | Malone et al. .... D21/370       | 8,353,755 B2 | 1/2013  | Vann et al. .... 463/20      |
| D556,765 S   | 12/2007 | Evans et al. .... D14/485        | 8,371,920 B2 | 2/2013  | Gomez et al. .... 463/17     |
| D557,748 S   | 12/2007 | Jumper ..... D21/333             | 8,371,927 B2 | 2/2013  | Englman ..... 463/20         |
| D559,328 S   | 1/2008  | Rasmussen et al. .... D21/333    | 8,371,928 B2 | 2/2013  | Englman et al. .... 463/20   |
| D559,917 S   | 1/2008  | Cole ..... D21/369               | 8,376,832 B2 | 2/2013  | O'Connor et al. .... 463/20  |
| D560,724 S   | 1/2008  | Johnson ..... D21/370            | D678,955 S   | 3/2013  | Lesley et al. .... D21/385   |
| D560,725 S   | 1/2008  | Johnson ..... D21/370            | D678,956 S   | 3/2013  | Lesley et al. .... D21/385   |
| D563,326 S   | 3/2008  | Patel et al. .... D13/164        | D678,957 S   | 3/2013  | Cesaroni et al. .... D21/385 |
| D563,481 S   | 3/2008  | Looks et al. .... D21/370        | D678,958 S   | 3/2013  | Cesaroni et al. .... D21/385 |
| D564,600 S   | 3/2008  | Greenberg et al. .... D21/370    | 8,388,435 B2 | 3/2013  | Anderson et al.              |
| D564,601 S   | 3/2008  | Strahinic et al. .... D21/370    | D681,130 S   | 4/2013  | Lesley et al. .... D21/385   |
| D566,197 S   | 4/2008  | Greenberg et al. .... D21/370    | 8,430,756 B2 | 4/2013  | McComb et al. .... 463/46    |
|              |         |                                  | D682,948 S   | 5/2013  | Cesaroni et al. .... D21/385 |
|              |         |                                  | D685,033 S   | 6/2013  | Wudtke ..... D21/370         |
|              |         |                                  | D688,691 S * | 8/2013  | Gleasant ..... D14/488       |
|              |         |                                  | D691,665 S   | 10/2013 | Chudek ..... D21/369         |



(56)

References Cited

U.S. PATENT DOCUMENTS

D691,666 S 10/2013 Lesley et al. .... D21/370  
 D693,343 S 11/2013 Haller ..... D14/374  
 D704,273 S 5/2014 Chudek ..... D21/369  
 D704,275 S 5/2014 Lesley et al. .... D21/385  
 D712,975 S 9/2014 Lesley et al. .... D21/369  
 D730,993 S 6/2015 Castro et al. .... D21/385  
 D741,351 S \* 10/2015 Kito ..... D14/486  
 D749,608 S \* 2/2016 Bae ..... D14/486  
 D752,606 S \* 3/2016 Hwang ..... D14/485  
 2002/0041069 A1 4/2002 Steelman ..... 273/138.1  
 2003/0045354 A1 3/2003 Giobbi  
 2003/0083121 A1 5/2003 Cole et al.  
 2003/0122973 A1 7/2003 Huang ..... 348/836  
 2003/0216165 A1 11/2003 Singer et al.  
 2004/0018877 A1 1/2004 Tastad et al. .... 463/46  
 2004/0029631 A1 2/2004 Duhamel ..... 463/20  
 2004/0033829 A1 2/2004 Pacey et al.  
 2004/0053662 A1 3/2004 Pacey ..... 463/16  
 2005/0014547 A1 1/2005 Gomez et al. .... 463/16  
 2005/0101368 A1 5/2005 Thomas  
 2005/0233794 A1 10/2005 Cannon et al.  
 2006/0009284 A1 1/2006 Schwartz et al. .... 463/30  
 2006/0025215 A1 2/2006 Thomas  
 2006/0079316 A1 4/2006 Flemming et al. .... 463/25  
 2006/0131810 A1 6/2006 Nicely ..... 273/292  
 2006/0183553 A1 8/2006 Kiriyama et al. .... 463/46  
 2006/0199638 A1 9/2006 Walker et al. .... 463/30  
 2006/0281531 A1 12/2006 Takeda  
 2006/0281559 A1 12/2006 Luciano ..... 463/46  
 2006/0287111 A1 12/2006 Mitchell et al. .... 463/46  
 2007/0060289 A1 3/2007 Hood  
 2008/0039213 A1 2/2008 Cornell et al. .... 463/46  
 2008/0051202 A1 2/2008 Lube ..... 463/46  
 2008/0108409 A1 5/2008 Cole et al.  
 2008/0125209 A1 5/2008 Pacey et al.  
 2008/0274786 A1 11/2008 Wilson  
 2008/0274788 A1 11/2008 Wilson  
 2008/0287178 A1 11/2008 Berman et al.  
 2009/0131145 A1 5/2009 Aoki et al.  
 2009/0174996 A1 7/2009 Park ..... 361/679.21  
 2009/0239631 A1 9/2009 Aoki et al.  
 2010/0016058 A1 1/2010 Englman et al.  
 2010/0173694 A1 7/2010 Tsuchida  
 2010/0197385 A1 8/2010 Aoki et al.  
 2010/0234092 A1 9/2010 Gomez et al.

2010/0248811 A1 9/2010 Jaffe et al.  
 2011/0117987 A1 5/2011 Aoki et al.  
 2011/0223985 A1 9/2011 Mizue  
 2012/0115565 A1 5/2012 Schwerdling  
 2012/0122569 A1 5/2012 Kowolik et al. .... 463/30  
 2013/0017881 A1 1/2013 Watkins

FOREIGN PATENT DOCUMENTS

WO 2007/030786 3/2007  
 WO 2007/089410 8/2007

OTHER PUBLICATIONS

Product Sheet for "Monopoly Chairman of the Board™," WMS Gaming Inc., 1999 (2 pages).  
 Product Sheet for "American Eagle," Eagle Co., Ltd., 2000 (2 pages).  
 Product Sheet for "Survivor," WMS Gaming Inc., 2001 (4 pages).  
 Product Sheet for "ProSLOT®6000," Bally Gaming Systems, 2002 (4 pages).  
 Product Sheet for "EVO™ Hybrid," Bally Gaming Systems, 2002 (4 pages).  
 Product Sheet for "3RV™," WMS Gaming Inc., 2002 or earlier (2 pages).  
 Product Sheet for "Miss America," AC Coin & Slot, 2002 or earlier (2 pages).  
 Product Catalog for Ainsworth Game Technology Ltd, date estimated as early as 2007 (6 pages).  
 Product Sheet for "Ultrapin™," Global VR, 2007 (1 pages).  
 Brochure for "Virtual Pinball," Tab-Austria, 2007 (8 pages).  
 Catalog for Atronic®-Spielo®, date estimated as early as 2008 (2 pages).  
 Product Catalog for "Alpha Elite™," Bally Technologies, date estimated as early as 2008-2009 (2 pages).  
 Cabinet Brochure for Hydako Co., date estimated as early as 2009 (1 page).  
 Product Catalog for Bally Technologies, date estimated as early as 2010 (2 pages).  
 Fall & Winter Catalog for Aristocrat, date estimated as early as 2010-2011 (7 pages).  
 Catalog for "Your Partner Innovation," Bally Technologies, date estimated as early as 2011 (4 pages).

\* cited by examiner



