



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <b>(51) International Patent Classification <sup>7</sup>:</b><br><br><b>G09G</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>A2</b> | <b>(11) International Publication Number:</b> <b>WO 00/70593</b><br><br><b>(43) International Publication Date:</b> 23 November 2000 (23.11.00)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>(21) International Application Number:</b> PCT/KR00/00431<br><br><b>(22) International Filing Date:</b> 8 May 2000 (08.05.00)<br><br><b>(30) Priority Data:</b><br>1999/8094 U 12 May 1999 (12.05.99) KR<br>1999/8095 U 12 May 1999 (12.05.99) KR<br>1999/21471 9 June 1999 (09.06.99) KR<br>2000/8582 22 February 2000 (22.02.00) KR<br><br><b>(71)(72) Applicants and Inventors:</b> CHOI, Lim [KR/KR]; 19-24, Shinsa-dong, Engpyong-gu, Seoul 122-080 (KR). BAE, Chang-Su [KR/KR]; 118-72, Ueungam1-dong, Enpyong-gu, Seoul 122-011 (KR).<br><br><b>(74) Agent:</b> LIM, Byong-Chan; 823-48, Yoksam-dong, Gangnam-gu, Seoul 135-080 (KR). |           | <b>(81) Designated States:</b> AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>Without international search report and to be republished upon receipt of that report.</i> |
| <b>(54) Title:</b> SIGNBOARD USING LIQUID CRYSTAL DISPLAY PANEL<br><br><b>(57) Abstract</b><br><p>A signboard includes at least one LCD panel with more than one non-designed segment electrode, and an advertising contents pattern defined on at least one of the surfaces of the LCD panel. The LCD panel is disposed in a case for containing the LCD panel. A light source is disposed for radiating light toward the LCD panel.</p> <div data-bbox="582 1176 1380 1792"> </div>                                                                                                                                                           |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |