



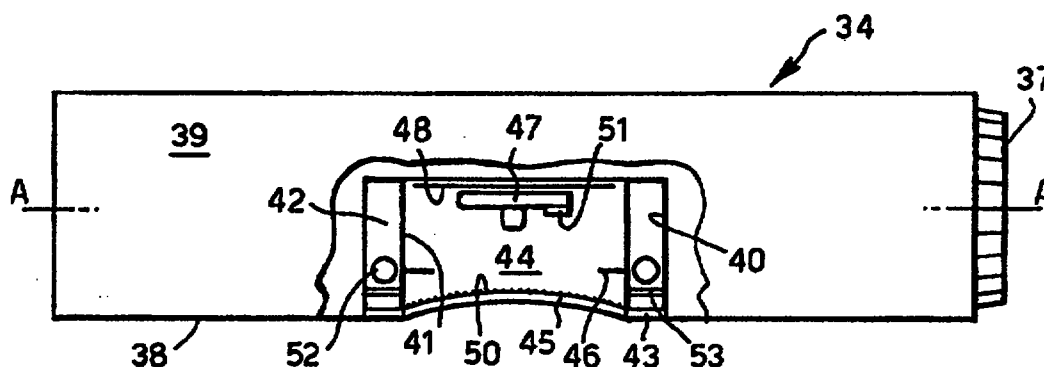
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(21) International Application Number: PCT/GB98/03177 (22) International Filing Date: 23 October 1998 (23.10.98) (30) Priority Data: 97308526.9 24 October 1997 (24.10.97) EP (71) Applicant (for all designated States except US): BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). (72) Inventors; and (75) Inventors/Applicants (for US only): MCCARTNEY, David, John [GB/GB]; 5 South Close, Ipswich, Suffolk IP4 2TH (GB); SEAL, Christopher, Henry [GB/GB]; 12 California, Woodbridge, Suffolk IP12 4DE (GB). (74) Agent: NASH, Roger, William; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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). Published <i>With international search report.</i>	

(54) Title: IMAGING APPARATUS



(57) Abstract

An imaging apparatus (34) suitable for capturing an image of one or more of a user's facial features is disclosed. The apparatus includes a spherical cold mirror (45) which presents a concave surface to the user and is disposed between the user and the camera (47). The user is able to conclude that he is close enough to the camera (47) for successful image capture when the reflection he sees in the mirror (45) is the right way up. In a preferred embodiment, markings are provided on the front surface of the mirror to aid the user in placing his eye within a predetermined range of distances from the camera (47). The imaging apparatus (34) is suitable for use in iris recognition apparatuses and provides a relatively inexpensive alternative to known apparatuses.