

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

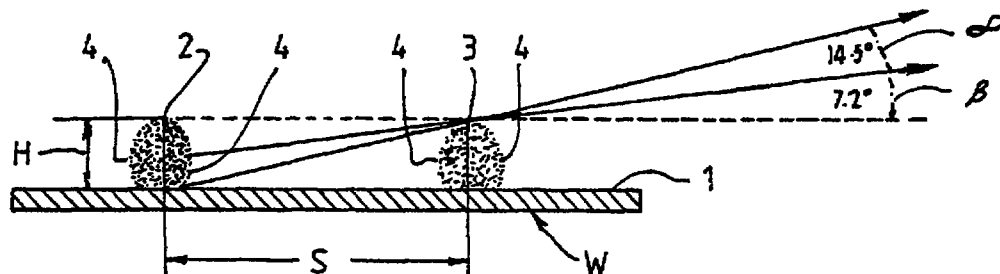
(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
4 January 2001 (04.01.2001)

PCT

(10) International Publication Number
WO 01/00426 A1

- (51) International Patent Classification⁷: B44F 1/12, (74) Agent: FREEHILLS CARTER SMITH & BEADLE;
B41M 3/14, G02B 5/18, 27/42, B42D 15/10 // 213:00 101 Collins Street, Melbourne, VIC 3000 (AU).
- (21) International Application Number: PCT/AU00/00703 (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, 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, MZ, 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.
- (22) International Filing Date: 22 June 2000 (22.06.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: PQ 1199 25 June 1999 (25.06.1999) AU
- (71) Applicant (*for all designated States except US*): NOTE PRINTING AUSTRALIA LIMITED [AU/AU]; Hume Highway, Craigieburn, VIC 3064 (AU).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, 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).
- Published:
— With international search report.
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*
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(54) Title: IMPROVED SECURITY DOCUMENTS



(57) Abstract: A security document, banknote, bond, travellers cheque, passport or token, including a substrate (1), said substrate having a device including a first macro-embossing (2, 3) of the substrate having a predetermined feature, and a second micro-embossing of smaller dimensions formed in or on said predetermined feature of said embossing. The first embossing being formed to hide and reveal said second embossing at predetermined viewing angles α , β . The macro-embossing may comprise lines having a height of about 20 microns and a spacing of 80 microns, and the micro-embossing is in the form of lines or dots (4) to a height of about 2 to 5 microns. The lines have a predetermined height (H) and a predetermined spacing (S) such that the ratio S:H is typically from about 6:1 to 2:1. A transparent portion or clear window (W) of a polymer substrate (1) can be provided with embossing such that the first embossing is able to hide and reveal the finer second embossing at various viewing angles by using the gloss and transmission properties of the transparent substrate rather than the traditional reflection and absorption properties of the printed media.