

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 November 2008 (13.11.2008)

PCT

(10) International Publication Number
WO 2008/136921 A3

(51) International Patent Classification:
A44C 17/00 (2006.01)

(21) International Application Number:
PCT/US2008/005165

(22) International Filing Date: 22 April 2008 (22.04.2008)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/744,528 4 May 2007 (04.05.2007) US

(71) Applicant (for all designated States except US): **SUNDIA-MOND USA, CORP.** [US/US]; 25 West 45th Street, Suite 707, New York, NY 10036 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **RYDLEWICZ, Roni**;
6, rue de Percke, UCCLE, Brussels (BE).

(74) Agent: **LIEBERSTEIN, Eugene**; Anderson Kill & Olick, P.C., 1251 Avenue of The Americas, New York, NY 10020 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL,

[Continued on next page]

(54) Title: HEART SHAPED DIAMOND CUT HAVING HEARTS AND ARROWS PATTERN

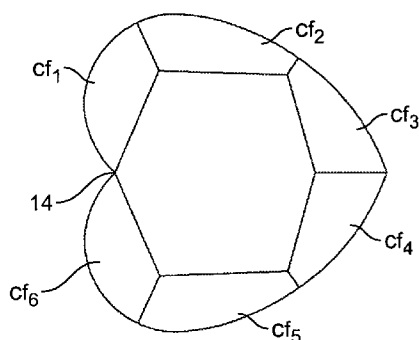


FIG. 2A

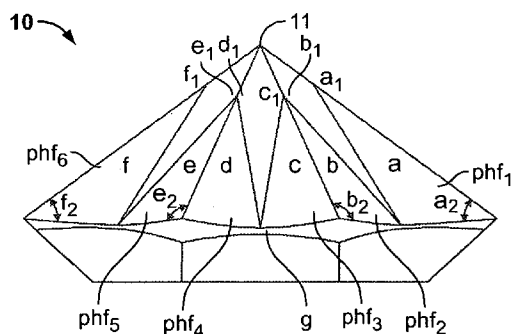


FIG. 4B

(57) Abstract: A heart shaped diamond possessing a hearts and arrows pattern characteristic comprising: six main crown facets (cf1, -cf 6) symmetrically aligned relative to one another, with each of the six main crown facets having a straight edge in parallel alignment with a straight edge of another main crown facet disposed opposite thereto; six main pavilion facets (pf1, -pf 6) aligned at a fixed given angle of approximately 60- to each other and having a symmetrical number of pavilion half facets (phf 1, -phf 12) such that the six main pavilion facets meet at a point (11) corresponding to the symmetrical central of the diamond and a multiple number of crown star facets spaced apart from one another on the surface of the diamond.

WO 2008/136921 A3



NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG,
CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

— *before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments*

Published:

— *with international search report*

(88) Date of publication of the international search report:

31 December 2008