

CORRECTED VERSION

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 June 2013 (27.06.2013)



(10) International Publication Number
WO 2013/096640 A8

(51) International Patent Classification:
G06T 17/20 (2006.01)

(21) International Application Number:
PCT/US2012/070985

(22) International Filing Date:
20 December 2012 (20.12.2012)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
13/336,635 23 December 2011 (23.12.2011) US

(71) Applicant: **ADVANCED MICRO DEVICES, INC.**
[US/US]; One AMD Place, Sunnyvale, CA 94088 (US).

(72) Inventors: **MARTIN, Todd**; 13331 Meadowlark Lane,
Orlando, FL 32828 (US). **NIJASURE, Mangesh**; 9446
Graystoke Lane, Orlando, FL 32817 (US). **GOEL, Vineet**;
2114 Lake Drive, Winter Park, FL 32789 (US). **CAR-**
ROLL, Jason David; 1730 Ashland Trail, Oviedo, FL
32765 (US).

(74) Agents: **SPECHT, Michael D.** et al.; Sterne, Kessler,
Goldstein & Fox PLLC, 1100 New York Avenue, N.W.,
Washington, DC 20005-3934 (US).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

[Continued on next page]

(54) Title: TESSELLATION PATTERNS

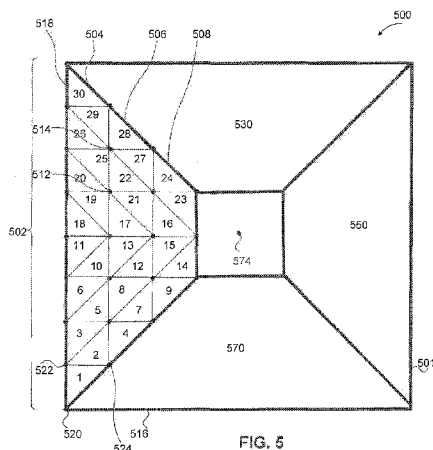


FIG. 5

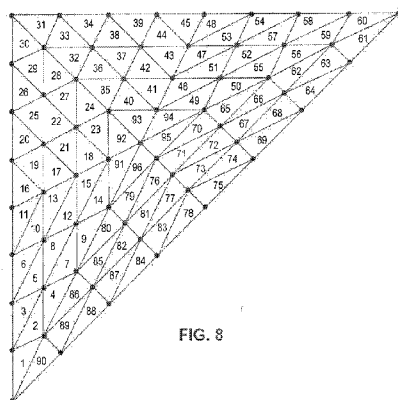


FIG. 8

(57) Abstract: Methods, systems, and computer readable media embodiments are disclosed for generating primitives in a grid. Embodiments include generating a set of vertices in a section of the grid, selecting one or more vertices in the set of vertices in an order based on a proximity of the vertices to a boundary edge of the grid, and generating primitives based on the order of the selected vertices.

WO 2013/096640 A8



AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, 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, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,

TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

(48) Date of publication of this corrected version:

24 April 2014

(15) Information about Correction:

see Notice of 24 April 2014