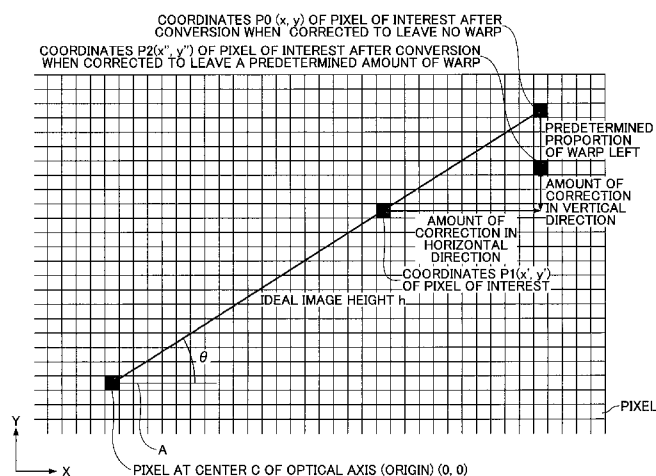




- (51) **International Patent Classification:**
G06T 3/00 (2006.01) **H04N 1/387** (2006.01)
G06T 1/00 (2006.01) **H04N 5/232** (2006.01)
- (21) **International Application Number:**
PCT/JP2011/066507
- (22) **International Filing Date:**
13 July 2011 (13.07.2011)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
 2010-174702 3 August 2010 (03.08.2010) JP
 2011-128398 8 June 2011 (08.06.2011) JP
- (71) **Applicant (for all designated States except US):** **RICOH COMPANY, LTD.** [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).
- (72) **Inventors; and**
- (75) **Inventors/Applicants (for US only):** **ISHII, Masaki** [JP/JP]; c/o RICOH COMPANY, LTD., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP). **KI-NOSHITA, Akira** [JP/JP]; c/o RICOH COMPANY, LTD., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP). **IMAI, Takahiro** [JP/JP]; c/o RICOH COMPANY, LTD., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP). **NAMIE, Kenji** [JP/JP]; c/o RICOH COMPANY, LTD., 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).
- (74) **Agent:** **ITOH, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).
- (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, 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, 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, PE, PG, PH, PL, PT, RO, RS, RU, 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, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, 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))

(54) **Title:** IMAGE PROCESSING APPARATUS, IMAGE PROCESSING METHOD, AND COMPUTER-READABLE RECORDING MEDIUM

FIG.6



(57) **Abstract:** An image processing apparatus includes an image acquiring unit that acquires an image; an information acquiring unit that acquires image information indicative of a content of the image; and a correcting unit that corrects the image based on the image information such that some of warping of the image is left.