



(51) International Patent Classification:
G06K 9/46 (2006.01)

(21) International Application Number:
PCT/SG2018/050011

(22) International Filing Date:
09 January 2018 (09.01.2018)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
15/403,482 11 January 2017 (11.01.2017) US

(71) Applicant: **HENDRICKS CORP. PTE. LTD.** [SG/SG];
3 Ang Mo Kio Street 62, #07-13, Link@AMK, Singapore
569139 (SG).

(72) Inventors: **PORTER, Jason**; c/o Hendricks Corp. Pte.
Ltd., 3 Ang Mo Kio Street 62, #07-13, Link@AMK,
Singapore 569139 (SG). **MICHAEL, Michael**; c/o Hen-
dricks Corp. Pte. Ltd., 3 Ang Mo Kio Street 62, #07-13,
Link@AMK, Singapore 569139 (SG). **YE, Chuanhun**; c/o
Hendricks Corp. Pte. Ltd., 3 Ang Mo Kio Street 62, #07-13,
Link@AMK, Singapore 569139 (SG). **SUJENDRO, Jo-
hannes**; c/o Hendricks Corp. Pte. Ltd., 3 Ang Mo Kio Street
62, #07-13, Link@AMK, Singapore 569139 (SG). **FOO,**

Yong Yan; c/o Hendricks Corp. Pte. Ltd., 3 Ang Mo Kio
Street 62, #07-13, Link@AMK, Singapore 569139 (SG).

(74) Agent: **ALLEN & GLEDHILL LLP**; One Marina Boule-
vard #28-00, Singapore 018989 (SG).

(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, BN, BR, BW, BY, BZ,
CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO,
DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN,
HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP,
KR, KW, KZ, LA, LC, LK, LR, LS, 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, SA,
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, ST, 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,
KM, ML, MR, NE, SN, TD, TG).

(54) Title: LOGO DETECTION VIDEO ANALYTICS

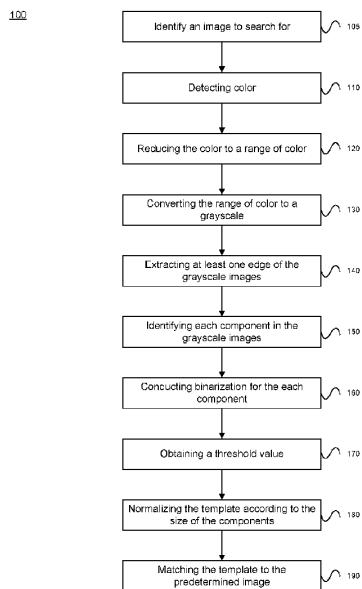


Figure 1

(57) Abstract: The technology relates to technology for detecting a predetermined image using a template of the predetermined image. The method includes detecting a color, reducing the color to a range of the color, converting to a grayscale plurality of images, extracting at least one edge of the grayscale images, identifying each component in the images, conducting binarization for the each component, obtaining a threshold value, normalizing the template, and matching the template to the predetermined image.

Published:

- with international search report (Art. 21(3))
- in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE