

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
12 October 2023 (12.10.2023)



(10) International Publication Number
WO 2023/195918 A3

(51) International Patent Classification:

H04N 5/272 (2006.01) *H04N 21/2187* (2011.01)
H04N 21/234 (2011.01) *G06F 16/783* (2019.01)
G06N 20/00 (2019.01)

(21) International Application Number:

PCT/SG2023/050205

(22) International Filing Date:

29 March 2023 (29.03.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

17/715,645 07 April 2022 (07.04.2022) US

(71) Applicant: **LEMON INC.** [GB/SG]; P.O. Box 31119
Grand Pavilion, Hibiscus Way, 802 West Bay Road, Grand
Cayman, KY1-1205 (KY).

(72) Inventors: **LIU, Bingchen**; 12655 West Jefferson Boul-
evard, Sixth Floor, Suite No. 137, Los Angeles, CA 90066
(US). **WONG, Kin Chung**; 12655 West Jefferson Boul-
evard, Sixth Floor, Suite No. 137, Los Angeles, CA 90066
(US). **FUSELIER, Blake, Garrett**; 12655 West Jefferson
Boulevard, Sixth Floor, Suite No. 137, Los Angeles, CA
90066 (US). **ZHOU, Lingyiqing**; 12655 West Jefferson

Boulevard, Sixth Floor, Suite No. 137, Los Angeles, CA
90066 (US). **LEE, Diana**; 12655 West Jefferson Boulevard,
Sixth Floor, Suite No. 137, Los Angeles, CA 90066 (US).

(74) Agent: **POH, Chee Kian, Daniel**; Marks & Clerk Singa-
pore LLP, Tanjong Pagar Post Office, P.O. Box 636, Singa-
pore 910816 (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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,
MA, MD, MG, MK, MN, MU, 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, ST, SV, SY, TH,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS,
ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every
kind of regional protection available*): ARIPO (BW, CV,
GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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,

(54) Title: CONTENT CREATION BASED ON TEXT-TO-IMAGE GENERATION

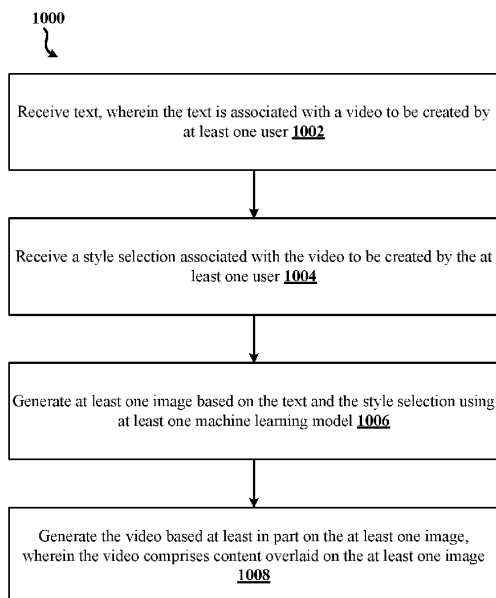


FIG. 10

(57) Abstract: The present disclosure describes techniques for generating content. Text may be received. The text is associated with a video to be created by at least one user. At least one image may be generated based at least in part on the text using at least one machine learning model. The video may be generated based at least in part on the at least one image. The video comprises content overlaid on the at least one image.

WO 2023/195918 A3

[Continued on next page]

LU, LV, MC, ME, 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).

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*

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

16 November 2023 (16.11.2023)