

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 October 2022 (27.10.2022)



(10) International Publication Number
WO 2022/225656 A1

(51) International Patent Classification:
H04L 12/24 (2006.01)

(21) International Application Number:
PCT/US2022/022135

(22) International Filing Date:
28 March 2022 (28.03.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
63/176,799 19 April 2021 (19.04.2021) US
17/704,367 25 March 2022 (25.03.2022) US

(71) Applicant: **TENCENT AMERICA LLC** [US/US]; 2747
Park Boulevard, Palo Alto, California 94306 (US).

(72) Inventor: **SODAGAR, Iraj**; c/o TENCENT AMERICA
LLC, 2747 Park Boulevard, Palo Alto, California 94306
(US).

(74) Agent: **RABENA, John F.** et al.; SUGHRUE MION,
PLLC, 2000 Pennsylvania Ave., N.W., Suite 9000, Wash-
ington, District of Columbia 20006 (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, 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, IT, JM, 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,
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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, 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,

(54) Title: A METHOD FOR SIGNALING PROTOCOL CHARACTERISTICS FOR CLOUD WORKFLOW INPUTS AND OUT-
PUTS

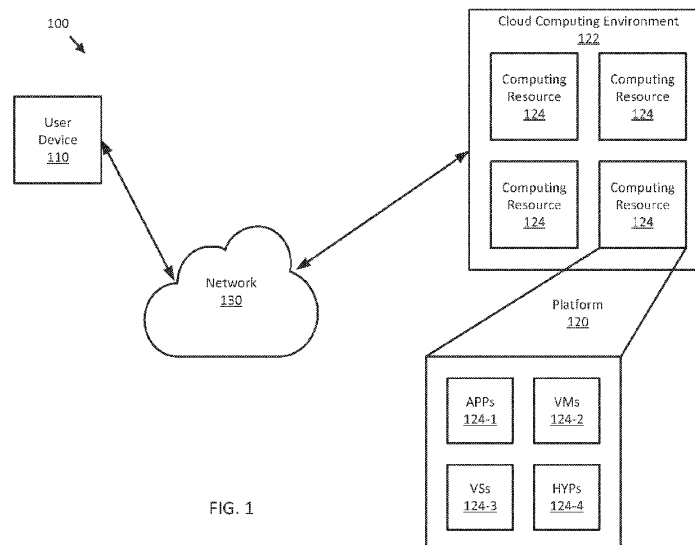


FIG. 1

(57) Abstract: Systems and methods for managing a Network Based Media Processing (NBMP) workflow are provided. A method includes obtaining, from a descriptor corresponding to a network based media processing (NBMP) workflow, or a task included in the workflow, a syntax element indicating a protocol characteristic of a protocol corresponding to an input or an output of the workflow or the task, deriving the workflow based on the task; and managing at least one media processing entity according to the derived workflow, wherein the protocol characteristic relates to at least one from among an essentiality, a timing, an order, a number, a latency, and a size associated with the input or the output.

[Continued on next page]

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).

Published:

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