



(51) International Patent Classification:

G06F 16/245 (2019.01) G06F 40/205 (2020.01)
G06F 16/35 (2025.01) G06F 40/30 (2020.01)
G06F 16/93 (2019.01)

(21) International Application Number:

PCT/US2024/057972

(22) International Filing Date:

29 November 2024 (29.11.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/604,154 29 November 2023 (29.11.2023) US

(71) Applicant: **ONCOTELIC, INC.** [US/US]; 29397 Agoura Road, Suite 107, Agoura Hills, California 91301 (US).

(72) Inventors: **TRIEU, Vuong**; 29397 Agoura Road, Suite 107, Agoura Hills, California 91301 (US). **POTTS, Michael**; 29397 Agoura Road, Suite 107, Agoura Hills, Cal-

ifornia 91301 (US). **SAUND, Saran**; 29397 Agoura Road, Suite 107, Agoura Hills, California 91301 (US).

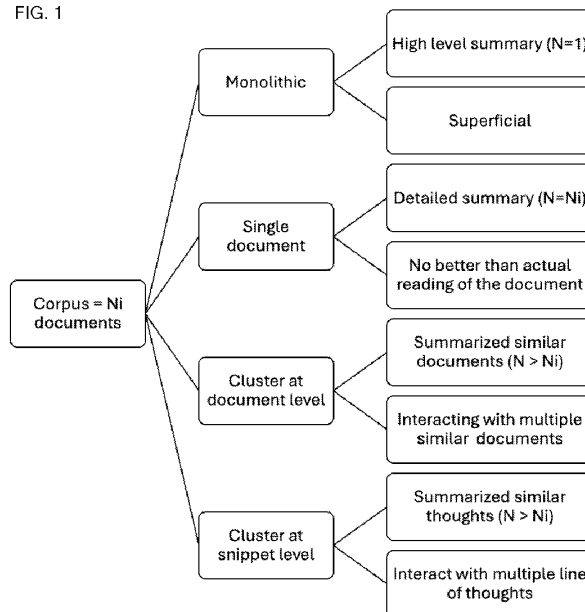
(74) Agent: **ECKMAN, Richard**; 228 Hamilton Ave, Third Floor, Palo Alto, California 94301 (US).

(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, 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,

(54) Title: STRUCTURES AND METHODS FOR AUTONOMOUS AGENTS

FIG. 1



(57) Abstract: This invention relates to methods, systems and media for producing a generative response. The response may be generated using a corpus of documents having non-uniform structure. The corpus can be segmented, tagged, and embedded into a vector database. Agglomerative clustering can be used to organize the information. A query can be formulated and submitted in various modes using a large language model to assemble responses and summaries.

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, 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))