



(51) International Patent Classification:

G06F 21/56 (2013.01) G06F 40/40 (2020.01)
G06F 40/211 (2020.01) G06F 18/24 (2023.01)

(21) International Application Number:

PCT/US2023/071885

(22) International Filing Date:

09 August 2023 (09.08.2023)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/371,551	16 August 2022 (16.08.2022)	US
63/491,789	23 March 2023 (23.03.2023)	US
18/366,886	08 August 2023 (08.08.2023)	US

(71) Applicant: UPSIGHT SECURITY INC. [US/US]; 7310 Sw 195th Avenue, Beaverton, OR 97007 (US).

(72) Inventors: CAMP, Tracy, E.; 7310 Sw 195th Avenue, Beaverton, OR 97007 (US). VASSILEV, Svetoslav; 7310 Sw 195th Avenue, Beaverton, OR 97007 (US).

(74) Agent: O'REGAN, Cecily Anne et al.; Buchalter, IP Dock-
eting, 1000 Wilshire Blvd., Suite 1500, Los Angeles, CA
90017-1730 (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, 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,

(54) Title: ANTI-MALWARE BEHAVIORAL GRAPH ENGINES, SYSTEMS AND METHODS

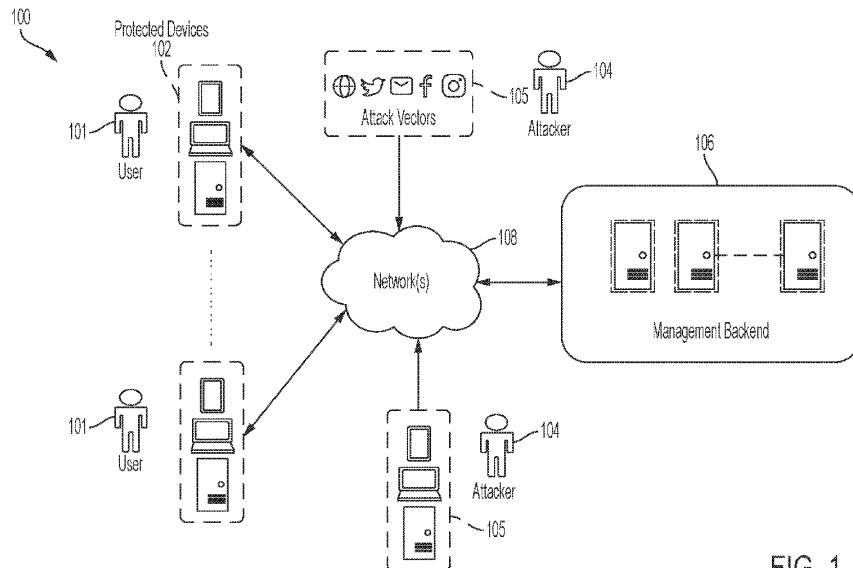


FIG. 1

(57) Abstract: The methods and systems are operable to protect a computing environment from attack. The methods and systems incorporate a preventative ability with similar attributes to an Antivirus/Anti-malware technique suitable for use on home user or similar protected computing environments with no or minimal centralized human administrative resources using natural language.

[Continued on next page]

SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

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