

# (12) International Application Status Report

**Received at International Bureau:** 05 July 2019 (05.07.2019)

**Information valid as of:** 10 June 2021 (10.06.2021)

**Report generated on:** 18 September 2022 (18.09.2022)

**(10) Publication number:**

WO2020/060606

**(43) Publication date:**

26 March 2020 (26.03.2020)

**(26) Publication language:**

English (EN)

**(21) Application Number:**

PCT/US2019/038084

**(22) Filing Date:**

20 June 2019 (20.06.2019)

**(25) Filing language:**

English (EN)

**(31) Priority number(s):**

16/138,518 (US)

**(31) Priority date(s):**

21 September 2018 (21.09.2018)

**(31) Priority status:**

Priority document received (in compliance with PCT Rule 17.1)

**(51) International Patent Classification:**

*G06Q 20/06* (2012.01); *G06Q 20/32* (2012.01); *H04L 9/32* (2006.01); *G06Q 30/02* (2012.01); *G06N 3/08* (2006.01)

**(71) Applicant(s):**

MICROSOFT TECHNOLOGY LICENSING, LLC [US/US]; One Microsoft Way Redmond, Washington 98052-6399 (US) (*for all designated states*)

**(72) Inventor(s):**

ABRAMSON, Dustin; Microsoft Technology Licensing, LLC One Microsoft Way Redmond, Washington 98052-6399 (US)  
FU, Derrick; Microsoft Technology Licensing, LLC One Microsoft Way Redmond, Washington 98052-6399 (US)  
JOHNSON, Joseph Edwin, JR.; Microsoft Technology Licensing, LLC One Microsoft Way Redmond, Washington 98052-6399 (US)

**(74) Agent(s):**

MINHAS, Sandip S.; Microsoft Technology Licensing, LLC One Microsoft Way Redmond, Washington 98052-6399 (US)

**(54) Title (EN):** CRYPTOCURRENCY SYSTEM USING BODY ACTIVITY DATA

**(54) Title (FR):** SYSTÈME DE CRYPTOMONNAIE UTILISANT DES DONNÉES D'ACTIVITÉ CORPORELLE

**(57) Abstract:**

**(EN):** Human body activity associated with a task provided to a user may be used in a mining process of a cryptocurrency system. A server may provide a task to a device of a user which is communicatively coupled to the server. A sensor communicatively coupled to or comprised in the device of the user may sense body activity of the user. Body activity data may be generated based on the sensed body activity of the user. The cryptocurrency system communicatively coupled to the device of the user may verify if the body activity data satisfies one or more conditions set by the cryptocurrency system, and award cryptocurrency to the user whose body activity data is verified.

**(FR):** L'activité du corps humain associée à une tâche fournie à un utilisateur peut être utilisée dans un processus de minage d'un système de cryptomonnaie. Un serveur peut fournir une tâche à un dispositif d'un utilisateur qui est couplé de manière à communiquer avec le serveur. Un capteur couplé de manière à communiquer avec un dispositif de l'utilisateur ou compris dans ce dernier peut détecter l'activité corporelle de l'utilisateur. Des données d'activité corporelle peuvent être générées sur la base de l'activité corporelle détectée de l'utilisateur. Le système de cryptomonnaie de la présente invention couplé de manière à communiquer avec le dispositif de l'utilisateur peut vérifier si les données d'activité corporelle satisfont une ou plusieurs conditions définies par le système de cryptomonnaie, et attribuer une cryptomonnaie à l'utilisateur dont les données d'activité corporelle sont vérifiées.

**International search report:**

Received at International Bureau: 22 August 2019 (22.08.2019) [EP]

**International Report on Patentability (IPRP) Chapter II of the PCT:**

Not available

**(81) Designated States:**

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

European Patent Office (EPO) : 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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM

**Declarations:**

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))