

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(10) International Publication Number WO 2017/173162 A8

(43) International Publication Date 05 October 2017 (05.10.2017)

(51) International Patent Classification:

A61B 5/00 (2006.01) A61B 5/157 (2006.01)
A61B 5/145 (2006.01) G06F 19/00 (2011.01)
A61B 5/15 (2006.01) G06F 21/00 (2013.01)

(21) International Application Number:

PCT/US2017/025170

(22) International Filing Date:

30 March 2017 (30.03.2017)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

62/315,948 31 March 2016 (31.03.2016) US
62/370,182 02 August 2016 (02.08.2016) US

(71) Applicant: DEXCOM, INC. [US/US]; 6340 Sequece Dr., San Diego, CA 92121 (US).

(72) Inventors: MORRIS, Gary, A.; 6340 Sequece Dr., San Diego, CA 92121 (US). BELLIVEAU, Scott, M.; 6340 Sequece Dr., San Diego, CA 92121 (US). CABRERA, Esteban JR.; 6340 Sequece Dr., Sandiego, CA 92121 (US). DRAEGER, Rian; 6340 Sequece Dr., San Diego, CA

92121 (US). DUNN, Laura, J.; 6340 Sequece Dr., San Diego, CA 92121 (US). GOLDSMITH, Timothy Joseph; 6340 Sequece Dr., San Diego, CA 92121 (US). HAMPAPURAM, Hari; 6340 Sequece Dr., San Diego California 92121 (US). HANNEMANN, Christopher, Robert; 6340 Sequece Dr., San Diego, CA 92121 (US). KAMATH, Apurv, Ullas; 6340 Sequece Dr., San Diego, CA 92121 (US). KOEHLER, Katherine, Yerre; 6340 Sequece Dr., Sandiego, CA 92121 (US). MCBRIDE, Patrick, Wile; 6340 Sequece Dr., San Diego, CA 92121 (US). MENSINGER, Michael, Robert; 6340 Sequece Dr., San Diego, CA 92121 (US). PASCUAL, Francis, William; 6340 Sequece Dr., San Diego, CA 92121 (US). PELLOUCHOUD, Philip, Mansiel; 6340 Sequece Dr., San Diego, CA 92121 (US). POLYTARIDIS, Nicholas; 6340 Sequece Dr., San Diego, CA 92121 (US). PUPA, Philip, Thomas; 6340 Sequece Dr., San Diego, CA 92121 (US). DAVIS, Anna Leigh; 6340 Sequece Drive, San Diego, CA 92121 (US). SHOEMAKER, Kevin; 6340 Sequece Dr., San Diego, CA 92121 (US). SMITH, Brian, Christopher; 6340 Sequece Dr., Sandiego, CA 92121 (US). WEST, Benjamin, Elrod; 6340 Sequece Dr., San Diego, CA 92121



(54) Title: SYSTEMS AND METHODS FOR INTER-APP COMMUNICATIONS

(57) Abstract: Methods, devices and systems are disclosed for inter-app communications between software applications on a mobile communications device. In one aspect, a computer-readable medium on a mobile computing device comprising an inter-application communication data structure to facilitate transitioning and distributing data between software applications in a shared app group for an operating system of the mobile computing device includes a scheme field of the data structure providing a scheme id associated with a target software app to transition to from a source software app, wherein the scheme id is listed on a scheme list stored with the source software app; and a payload field of the data structure providing data and/or an identification where to access data in a shared file system accessible to the software applications in the shared app group, wherein the payload field is encrypted.

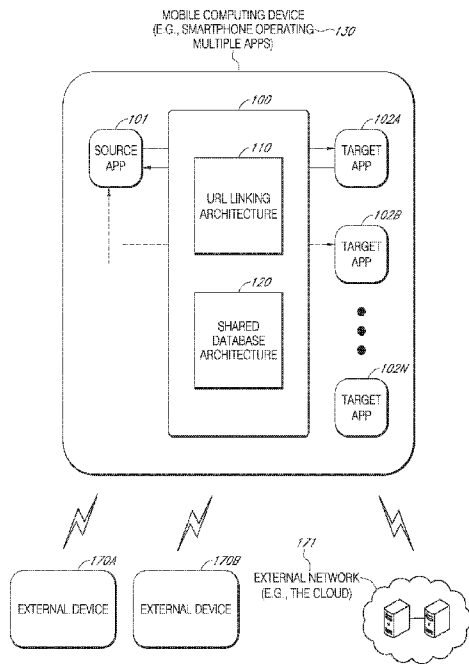


FIG. 1A

WO 2017/173162 A8

(US). **WILEY, Atim, Joseph**; 6340 Sequece Dr., San Diego, CA 92121 (US).

(74) **Agent: DELANEY, Karoline**; Knobbe, Martens, Olsen & Bear LLP, 2040 Main Street 14th Floor, Irvine, CA 92614 (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, 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.

(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, 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))*

(48) **Date of publication of this corrected version:**

19 April 2018 (19.04.2018)

(15) **Information about Correction:**

see Notice of 19 April 2018 (19.04.2018)