

(51) International Patent Classification:
G06Q 10/00 (2012.01)(21) International Application Number:
PCT/EP2019/080613(22) International Filing Date:
07 November 2019 (07.11.2019)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
16/183,188 07 November 2018 (07.11.2018) US(71) Applicant: **GE HEALTHCARE LIMITED** [GB/GB];
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inghamshire HP8 4SP (GB).(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, 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.(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).

(54) Title: SYSTEMS AND METHODS FOR DISTRIBUTED LEDGER MANAGEMENT OF NUCLEAR MEDICINE PRODUCTS

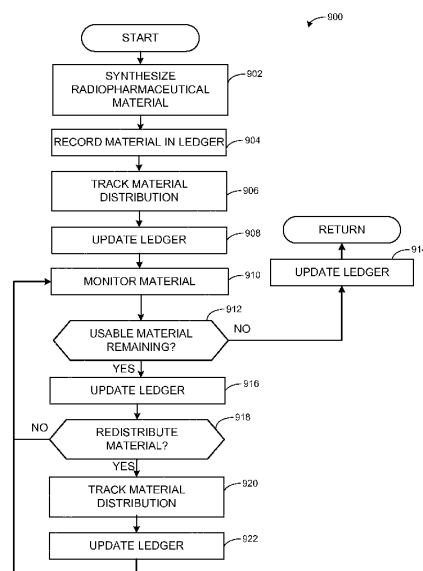


FIG. 9

(57) Abstract: Systems and methods for tracking and management of a distrib-
uted ledger including information for a batch of radiopharmaceutical material
are disclosed. Certain examples provide a computer-implemented method of
managing radiopharmaceutical material including tracking, using at least one
processor, a status of a batch of radiopharmaceutical material, the status to in-
clude a type, a quantity, and a timestamp associated with the batch of radiophar-
maceutical material; generating a record in a first copy of a distributed ledger
using the type, quantity, and timestamp associated with the batch of radiophar-
maceutical material; updating the record based on at least one of usage of the
batch of radiopharmaceutical material, resale of at least a portion of the batch
of radiopharmaceutical material, and decay of the batch of radiopharmaceutical
material; and sharing the record with a second copy of the distributed ledger.

Published:

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