

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
02 December 2021 (02.12.2021)



(10) International Publication Number
WO 2021/240237 A1

(51) International Patent Classification:
G06Q 10/08 (2012.01) *G09F 3/02* (2006.01)
H04L 29/08 (2006.01)

(21) International Application Number:
PCT/IB2020/062571

(22) International Filing Date:
30 December 2020 (30.12.2020)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
16/887,598 29 May 2020 (29.05.2020) US

(71) Applicant: **COUPANG CORP.** [KR/KR]; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR).

(72) Inventors: **PARK, Sung Jin**; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR). **LIM, Sang Ho**; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR). **JIN, Chang Geun**; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR). **BAI, Lianxi**; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR). **REHN, Erik**; 570 Songpa-daero, Songpa-gu, Seoul 05510 (KR).

(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, IT, 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,

(54) Title: COMPUTERIZED SYSTEMS FOR DYNAMIC PACKING PRIORITY

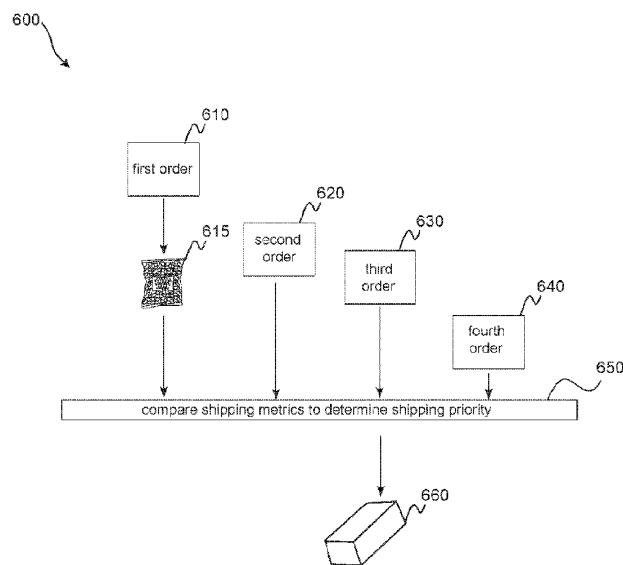


FIG. 6

(57) Abstract: Embodiments of the present disclosure include computer-implemented systems and methods for dynamic package priority. The system may include at least one processor configured to receive, via a network, a first electronic customer order for a first item, the first order comprising an identifier of the first item and assign a first shipping metric to the first customer order. The system may be configured to transmit an instruction to a mobile device to acquire the first item for the first order, and to receive, via the network, a second electronic customer order for the first item, the second order comprising the identifier of the first item. The system may be configured to assign a second shipping metric to the second customer order. The system may be configured to compare the first shipping metric to the second shipping metric to determine priority for the first customer order and the second customer order. The system may be configured to send an instruction to an order tracking system to reassign the acquired first item to the second order,

[Continued on next page]



WO 2021/240237 A1

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, 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))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*