



- (51) **International Patent Classification:**  
*G06Q 10/00* (2012.01) *A61L 9/015* (2006.01)
- (21) **International Application Number:**  
PCT/US2017/020073
- (22) **International Filing Date:**  
1 March 2017 (01.03.2017)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**  
62/301,934 1 March 2016 (01.03.2016) US
- (71) **Applicant:** CARRIER CORPORATION [US/US]; One Carrier Place, Farmington, Connecticut 06032 (US).
- (72) **Inventors:** YASAR, Murat; 411 Silver Lane, East Hartford, Connecticut 06108 (US). LESHUK, Jeffrey Allen; 800 Cummings Center, Suite 258X, Beverly, Massachusetts 01915 (US). BEASLEY, Marc; 800 Cummings Center, Suite 258X, Beverly, Massachusetts 01915 (US). CY-WILKO, Mark E.; Carrier Parkway, P.O. Box 4800, Syracuse, New York 13221 (US).
- (74) **Agent:** FOX, David A.; Cantor Colburn LLP, 20 Church Street, 22nd Floor, Hartford, Connecticut 06103-3207 (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).

**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))
- of inventorship (Rule 4.17(iv))

[Continued on next page]

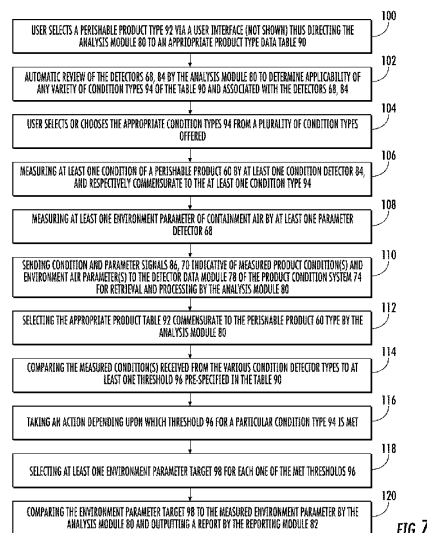
**(54) Title:** CARGO TRANSPORT SYSTEM FOR PERISHABLE PRODUCTS

FIG. 7

- (57) **Abstract:** A computer implemented method of operating a product condition system of a cargo transport and/or storage system includes measuring a first condition of a perishable product by a first detector, and measuring a first environment parameter of a containment where the perishable product is located. Once measured, the system compares the first condition to a first pre-programmed threshold, and then determines a first environment parameter target when the first pre-programmed threshold is met.



---

**Published:**

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

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))