

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
24 March 2022 (24.03.2022)



(10) International Publication Number
WO 2022/060844 A1

(51) International Patent Classification:

B65D 81/38 (2006.01) *B65D 88/10* (2006.01)
B65D 81/18 (2006.01) *B65D 88/74* (2006.01)
B65D 88/14 (2006.01)

(21) International Application Number:

PCT/US2021/050470

(22) International Filing Date:

15 September 2021 (15.09.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/078,734 15 September 2020 (15.09.2020) US

(71) Applicant: **CRYOPORT, INC.** [US/US]; 112 Westwood
Place, Suite 350, Brentwood, TN 37027 (US).

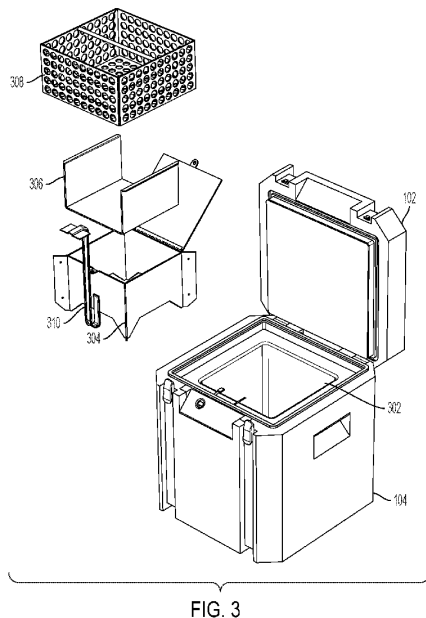
(72) Inventors: **BOLLINGER, Bret**; 4337 Via Del Obispo,
Yorba Linda, CA 92886 (US). **SANCHEZ, Eden**; 9239
Harvard Street, Bellflower, CA 90706 (US). **DYBICZ,**
Mike; 112 Westwood Place, Suite 350, Brentwood, TN
37027 (US). **ONEL, Bobby**; 1961 Temple Hills Drive, La-
guna Beach, CA 92651 (US). **LEE, Ben**; 978 Cottonwood
Court, Corona, CA 92879 (US). **GESSELL, Amanda**; 112
Westwood Place, Suite 350, Brentwood, TN 37027 (US).

(74) Agent: **ASHCRAFT, J., Damon**; Snell & Wilmer L.L.P.,
One Arizona Center, 400 East Van Buren Street, Phoenix,
AZ 85004-2202 (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, 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,
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).

(54) Title: HARDENED REUSABLE MODULAR SHIPPER



(57) Abstract: Methods, systems, devices and/or apparatuses for a hardened reusable shipping container. The hardened reusable shipping container includes a lid. The lid is configured to be opened and closed. The hardened reusable shipping container includes a base enclosure. The base enclosure is coupled to the lid and has a payload area. The payload area is configured to receive a payload and maintain a temperature of an environment surrounding the payload. The hardened reusable shipping container includes an insert. The insert is configured to be positioned within the payload area to cool or maintain the temperature of the environment surrounding the payload.

WO 2022/060844 A1

[Continued on next page]

Published:

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