

(51) International Patent Classification:
G06F 17/00 (2006.01)(21) International Application Number:
PCT/US2014/060132(22) International Filing Date:
10 October 2014 (10.10.2014)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
61/889,431 10 October 2013 (10.10.2013) US
61/901,494 8 November 2013 (08.11.2013) US
14/510,874 9 October 2014 (09.10.2014) US(71) Applicant: GILBARCO INC. [US/US]; 7300 West
Friendly Ave., Greensboro, North Carolina 27410 (US).(72) Inventors: CARAPPELLI, Giovanni; 3618 Fairlane Street,
High Point, North Carolina 27265 (US). PARK, Thomas
J.; 811 Bass Landing, Greensboro, North Carolina 27455
(US).(74) Agents: KILLEN, Craig N. et al.; Nelson Mullins Riley &
Scarborough, LLP, Bank of America Corporate Center,
100 North Tryon Street, 42nd Floor, Charlotte, North Car-
olina 28202 (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, 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, KN, KP, KR,
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))

(54) Title: FUEL DISPENSING ENVIRONMENT UTILIZING ACTIVE SNIFFER TO UPGRADE LEGACY EQUIPMENT

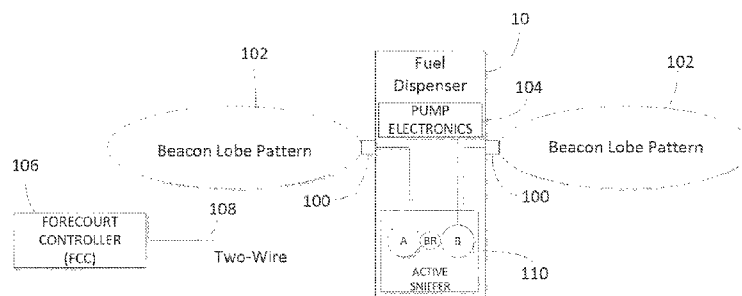


FIG. 2

(57) Abstract: An assembly for installation in a fuel dispensing environment having a forecourt controller and at least one fuel dispenser communicating via legacy cable. The assembly comprises a sniffer device connectable along the legacy cable such that a first communication side thereof is in electrical communication with the forecourt controller and a second communication side thereof is in electrical communication with the fuel dispenser. The sniffer device is operative to receive an incoming message at either the first communication side or the second communication side. The sniffer device also includes memory and a processor, the processor implementing instructions to interpret the incoming message. Based on an interpretation of the incoming message, the sniffer device is operative to determine an action to be taken regarding the incoming message.

