



(51) International Patent Classification:

G08B 21/18 (2006.01) G16Y 40/10 (2020.01)
G06K 19/07 (2006.01) H04W 4/029 (2018.01)
G06Q 50/10 (2012.01) H04W 4/33 (2018.01)
G08B 21/12 (2006.01) H04W 4/80 (2018.01)
G08B 25/10 (2006.01) H04W 88/00 (2009.01)
G16Y 20/10 (2020.01)

(21) International Application Number:

PCT/AU2024/050154

(22) International Filing Date:

26 February 2024 (26.02.2024)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2023900489 24 February 2023 (24.02.2023) AU

(71) Applicant: CAPPSULE HOLDINGS PTY LTD
[AU/AU]; Level 13, 333 George Street, Sydney, New South
Wales 2000 (AU).

(72) Inventors: HUTTER, Adalbert; 7 Cadow Street, Frenchs
Forest, New South Wales 2086 (AU). TESANOVIC, Mak-
sim; 33 Napier Street, Dover Heights, New South Wales
2030 (AU).

(74) Agent: PINI, Matthew; Pini IP, 638 Queensberry Street,
North Melbourne, Victoria 3051 (AU).

(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, CV, CZ, DE, DJ, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG,
KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY,

(54) Title: METHOD, SYSTEM AND APPARATUS FOR LOCAL AND REMOTE MONITORING AND REMOTE CONTROL
IN BUILDINGS AND THE LIKE

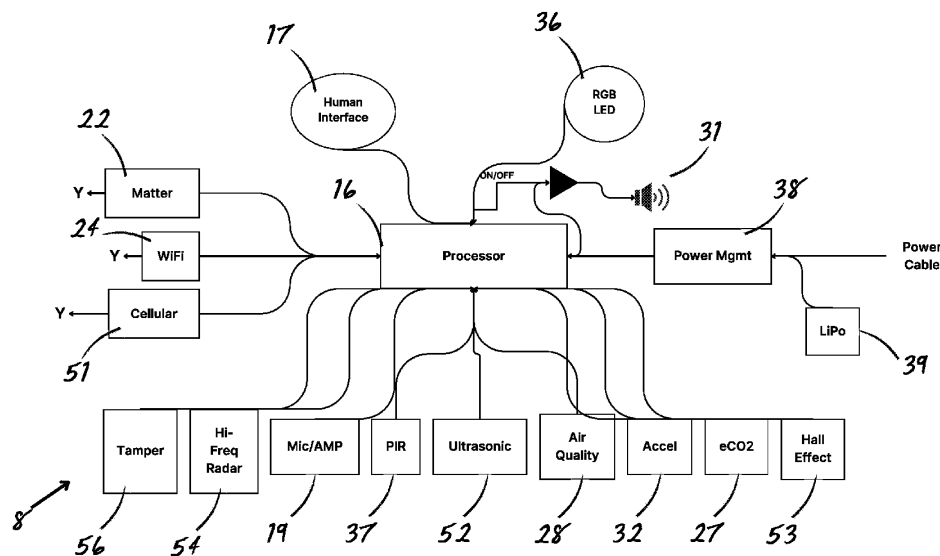


Figure 3

(57) Abstract: A system for one or a combination of monitoring and managing activities within a stationary or moving environment, including a base station is disclosed comprising one or a combination of sensors to sense one or more of: ambient temperature; ambient pressure; ambient sound or noise level; ambient carbon dioxide levels; the beacon IDs of wireless sources; vibration; movement of objects; movement of the base station; the location of smart tags; the location of animals; the movement of animals; the physiological states of animals; the system being adapted to do one or a combination of: local processing comprising preliminary analysis of data and/or encryption of data; send one or more measurements/data elsewhere for processing; receive the results of processing back at the base station; and take action comprising one or a combination of: issuing an alert, a message, a prompt, a sound, a notification and; a display of measured levels.

[Continued on next page]

MA, MD, MG, MK, MN, MU, 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, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, 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, ME, 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*