

2003016839

18 MAR 2003

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

(19) World Intellectual Property Organization
International Bureau

162162

(43) International Publication Date
18 April 2002 (18.04.2002)

PCT

(10) International Publication Number
WO 02/030478 A3(51) International Patent Classification⁷: A61L 15/00,
17/04Green, Great Shelford, CB2 5EG (GB). DOW, Crawford,
Stewart [GB/GB]; 30 Cannon Close, Coventry CV4 7AS
(GB). SWOBODA, Uthaya [GB/GB]; 6 Blackthorn Close,
Coventry CV4 7DQ (GB).

(21) International Application Number: PCT/GB01/04588

(22) International Filing Date: 15 October 2001 (15.10.2001)

(74) Agent: BARKER BRETTELL; 138 Hagley Road, Edg-
baston, Birmingham B16 PW (GB).

(25) Filing Language: English

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI,
SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU,
ZA, ZW.

(26) Publication Language: English

(30) Priority Data: 0025084.5 13 October 2000 (13.10.2000) GB

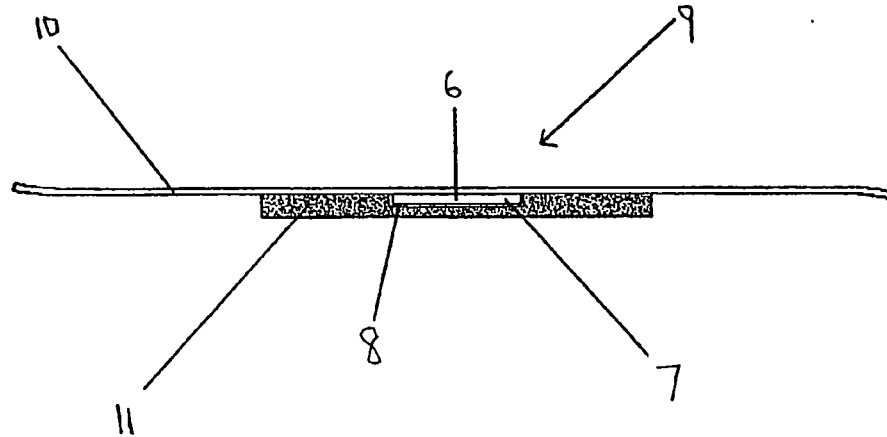
(71) Applicant (*for all designated States except US*): CAM-
BRIDGE MEDITECH LIMITED [GB/GB]; Anglican
House, 285 Milton Road, Cambridge CB4 1XQ (GB).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): FERGUSON, Drew,
Mercer [GB/GB]; 18 Blackthorn Close, Cambridge CB4
1FZ (GB). MILAN, Guy, Dimitri [GB/GB]; 15a High(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,
IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,
CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD,
TG).

[Continued on next page]

(54) Title: DETECTION OF THE PRESENCE OF A MICROBE OR RELATED SUBSTANCE AT A LOCATION



(57) Abstract: The present invention provides an indicator for the in-situ detection of the presence of a substance or a microbe at a location. The indicator comprises a layer (8) which is susceptible to degradation by the substance or microbe or a first substance associated with the microbe and a signalling layer (7) which is adapted to produce a detectable signal which indicates the presence of the substance or microbe or a second substance associated with the microbe or a further substance which is located at substantially the same location as the substance or microbe. In use the signalling layer is at least initially protected from contact with the substance or microbe or the second substance associated with the microbe or the further substance which is located at substantially the same location as the substance or microbe by the degradable layer.

WO 02/030478 A3



ACTION