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(71) Applicant(s):

MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED [IE/IE]; College Business & Technology Park Cruiserath Road, Blanchardstown Dublin, D15 TX2V (IE) *(for all designated states)*

ACKER, Jaron [US/US]; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED 675 McDonnell Blvd. Hazelwood, Missouri 63042 (US) *(for all designated states)*

(72) Inventor(s):

ACKER, Jaron; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED 675 McDonnell Blvd. Hazelwood, Missouri 63042 (US)

CLARK, Peter James; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED College Business & Technology Park Cruiserath Road, Blanchardstown Dublin, D15 TX2V (IE)

ASSAMBO, Cedric; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED College Business & Technology Park Cruiserath Road, Blanchardstown Dublin, D15 TX2V (IE)

MCATAMNEY, Michael; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED College Business & Technology Park Cruiserath Road, Blanchardstown Dublin, D15 TX2V (IE)

KLAUS, John; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED College Business & Technology Park Cruiserath Road, Blanchardstown Dublin, D15 TX2V (IE)

ROEHL, Robin; c/o MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED College Business & Technology Park Cruiserath Road, Blanchardstown Dublin, D15 TX2V (IE)

(74) Agent(s):

KIRLEY, Morgan J.; POLSINELLI PC 105 West Vandalia Street Suite 400 Edwardsville, Illinois 62025 (US)

(54) Title (EN): GAS SENSOR MODULE

(54) Title (FR): MODULE DE CAPTEUR DE GAZ

(57) Abstract:

(EN): A removable gas sensor module is provided for a therapeutic gas delivery device. The gas sensor module includes a sample chamber which receives a sample gas from the therapeutic gas delivery device. A gas detection unit includes a plurality of sensors operable to measure at least one property of the sample gas. The sensors include two or more of a gas detection sensor, a humidity sensor, a temperature sensor, or a combination thereof. The gas sensor module is self-contained within the therapeutic gas delivery device and swappable with another gas sensor module.

(FR): Un module de capteur de gaz amovible est prévu pour un dispositif d'administration de gaz thérapeutique. Le module de capteur de gaz comprend une chambre d'échantillon qui reçoit un échantillon de gaz provenant du dispositif d'administration de gaz thérapeutique. Une unité de détection de gaz comprend une pluralité de capteurs utilisables pour mesurer au moins une propriété du gaz échantillon. Les capteurs comprennent au moins deux éléments parmi un capteur de détection de gaz, un capteur d'humidité,

un capteur de température, ou une combinaison de ceux-ci. Le module de capteur de gaz est autonome à l'intérieur du dispositif d'administration de gaz thérapeutique et peut être échangé avec un autre module de capteur de gaz.

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