504859364 04/09/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4906103

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER MARTIN ROUTLEDGE	11/06/2015

RECEIVING PARTY DATA

Name:	CARILLION UTILITY SERVICES LIMITED
Street Address:	CARILLION HOUSE
Internal Address:	84 SALOP STREET
City:	WOLVERHAMPTON, WEST MIDLANDS
State/Country:	UNITED KINGDOM
Postal Code:	WV3 0SR

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14916916

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3124746300

Email: docket@marshallip.com

Correspondent Name: MARSHALL, GERSTEIN & BORUN LLP

Address Line 1: 233 SOUTH WACKER DRIVE

Address Line 2: SUITE 6300

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	06007/50408
NAME OF SUBMITTER:	NICK FAIRMAN
SIGNATURE:	/Nick Fairman/
DATE SIGNED:	04/09/2018

Total Attachments: 2

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PATENT 504859364 REEL: 045480 FRAME: 0916

DE PINNA

I, Peter Edmund ADAMS, Notary Public of the City of London and elsewhere in England, by Royal Authority duly admitted and sworn, practising in the said City,

DO HEREBY CERTIFY AND ATTEST:

THAT the hereunto annexed Deed of Assignment was this day at Wolverhampton, England, in my presence and in that of Laura Jayne WATTLEY, the subscribing witness thereto, whose identity I attest, signed, executed and delivered as a Deed in due form of English law by Joanne Louise WILKINS, a British citizen, born on 7th April 1983, who identified herself to me by production of her British and Alexander Martin number 109049499 passport ROUTLEDGE, a British citizen, born on 12th August 1987, who identified himself to me by production of his British passport number 514103793, the identity of both of whom I, the Notary, likewise attest.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my Seal of Office in the City of London aforesaid, this sixth day of November in the year Two thousand and fifteen.

Consignor- Carillion PLC, Carillion House, 84 Salop Street, Wolverhampton WV3 OSR, England

Consignee- Clyde & Co, The Business Gate, Building 14, Airport Road, Qurtubah District, Riyadh, 11474, PO Box 16743, Saudi Arabia





Deed of Assignment (Free of charge)

We the undersigned:

سند تنازل (بدون مقابل)

نحن الموقعين أدناه:

Inventor Name: Joanne WILKINS

(UK PASSRORT NO. 109-049-499)

Inventor Address: 197 Crewe Road, Sandbach,

Cheshire, CW11 4PZ, United Kingdom

Inventor Name: **Alexander** Martin

Routledge

(UK PASHPORT NO. 514103793)

Inventor Address: 36 Dene Road, Didsbury, Manchester, M20 2AE, United Kingdom

in our capacity as the inventors of an invention entitled:

A material and associated arrangements, systems and methods

and for which a patent applications were filed in the United Kingdom under official no:

- 1415981.8 on 10 September 2014
- 1503799.7 on 6 March 2015

hereby assign and transfer all our rights in this invention and patent application to:

Assignee Name: Carillion Utility Services Ltd

AL (REGERMATION NUMBER 728599)

Assignee Address: Carillion Legal, White Lion Court, Swan Street, Isleworth, TW7 6RN, United

Kingdom

including the right to apply for and obtain grant of a patent registration at the GCC Patent Office in respect of this invention, together all

with priority rights.

The Wolferhampton, Englished, This 6th and delivered as a peed at the Wolferhampton, Englished, This 6th any of November 2015

R LAURA WATTLEY WITNESS

Alexander Martin Routledge

IK LAURA WATTLEY

Signature

اسم المخترع: **جوان ويلكينز**

عنوان المخترع: ۱۹۷ كرو رود، ساندباخ، تشيشير، سي دبليو ١١ ٤بي زد، المملكة المتحدة

اسم المخترع: اليكسائدر مارتين روتليدج

عنوان المخترع: ٣٦ دين رود، دَسبُري، مانشيستر، ام٢ ٢١يه ني، المملكة المتحدة

بصفتنا مخترعين الاختراع المسمى:

مادة والترتيبات والأنظمة والطرق المتعلقة بها

الذي تم إيداع طلبات تسجيله في المملكة المتحدة تحت الأرقام:

1415981.8 بتاریخ ۱۰ سبتمبر ۲۰۱۶

1503799.7 بتاريخ ٦ مارس ٢٠١٥

نتنازل بموجبه وننقل كافة حقوقنا في هذا الاختراع وبرائته

اسم المتنازل إليه: كاريليون يوتيليتي سيرفيسيز ال تي دي

عنوان المتنازل إليه: كاريليون ليجال، وايت ليون كورت، سوان ستريت، ايلوورث، تي دبليو ٧ ٦ آر إن، المملكة المتحدة

بما في ذلك الحق في التقدم والحصول على شهادة تسجيل الاختراع من مكتب براءات الاختراع لمجلس التعاون لدول الخليج العربية فيما يتعلق بهذا الاختراع مع كافة حقوق الأولوية. وذلك بدون مقابل.

وقع من قبل:

التوقيع

اليكساندر مارتين روتليدج

التوقيع

NQG/JCY/1112263-2/17308642/Deed of Assignment-GCC/13.09.2015/NSA

PATENT REEL: 045480 FRAME: 0918

RECORDED: 04/09/2018