

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5189711

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ALEXANDER MARTIN ROUTLEDGE	11/06/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	CARILLION UTILITY SERVICES LITMED	
<b>Street Address:</b>	CARILLION HOUSE	
<b>Internal Address:</b>	84 SALOP STREET	
<b>City:</b>	WOLVERHAMPTON, WEST MIDLANDS	
<b>State/Country:</b>	UNITED KINGDOM	
<b>Postal Code:</b>	WV3 0SR	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16036121
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<i>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.</i>		
<b>Phone:</b>	3124746300	
<b>Email:</b>	docket@marshallip.com	
<b>Correspondent Name:</b>	MARSHALL, GERSTEIN & BORUN LLP	
<b>Address Line 1:</b>	233 SOUTH WACKER DRIVE	
<b>Address Line 2:</b>	SUITE 6300	
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606	
<b>ATTORNEY DOCKET NUMBER:</b>	06007/50408A	
<b>NAME OF SUBMITTER:</b>	NICK FAIRMAN	
<b>SIGNATURE:</b>	/Nick Fairman/	
<b>DATE SIGNED:</b>	10/16/2018	
<b>Total Attachments: 2</b>		
source=Assignment1#page1.tif		
source=Assignment1#page2.tif		

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 7<sup>th</sup> April 1983, who identified herself to me by production of her British passport number **109049499** and **Alexander Martin ROUTLEDGE**, a British citizen, born on 12<sup>th</sup> 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 0SR, 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:

Inventor Name: **Joanne WILKINS**

(UK PASSPORT NO. 109 049 499)  
Inventor Address: 197 Crewe Road, Sandbach,  
Cheshire, CW11 4PZ, United Kingdom

Inventor Name: **Alexander Martin Routledge**

(UK PASSPORT NO. 514 103 793)  
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**

(REGISTRATION NUMBER 729599)  
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.

Signed by executed and delivered as a deed at  
Wolverhampton, England, this 6<sup>th</sup> day of November 2015

**Joanne WILKINS**

Signature

**Alexander Martin Routledge**

Signature

**سند تنازل**  
(بدون مقابل)

نحن الموقعين أدناه:

اسم المخترع: **جوان ويلكينز**

عنوان المخترع: ١٩٧ كرو رود، ساندباخ، تشيشير، سي  
دبليو ١١ بي زد، المملكة المتحدة

اسم المخترع: **اليكساندر مارتين روتليدج**

عنوان المخترع: ٣٦ دين رود، ديسبري، مانشستر، ام ٢٠ ٢ ايه  
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 بتاريخ ١٠ سبتمبر ٢٠١٤

- 1503799.7 بتاريخ ٦ مارس ٢٠١٥

نتنازل بموجبه وننقل كافة حقوقنا في هذا الاختراع وبراءته  
إلى:

اسم المتنازل إليه: **كاريليون يوتيليتي سيرفيسيز إل تي دي**

عنوان المتنازل إليه: **كاريليون ليجال، وايت ليون كورت،  
سوان ستريت، ايلوورث، تي دبليو 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:

**جوان ويلكينز**

التوقيع

**اليكساندر مارتين روتليدج**

التوقيع