

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4708107

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVE HURDMAN	10/02/2017
MARK CARTHY	04/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	J.C. BAMFORD EXCAVATORS LIMITED
<b>Street Address:</b>	LAKESIDE WORKS
<b>City:</b>	ROCESTER, UTTOXETER
<b>State/Country:</b>	UNITED KINGDOM
<b>Postal Code:</b>	ST14 5JP
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14481724
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)474-6300
<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
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<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60606
<b>ATTORNEY DOCKET NUMBER:</b>	28489/48990
<b>NAME OF SUBMITTER:</b>	NICK FAIRMAN
<b>SIGNATURE:</b>	/Nick Fairman/
<b>DATE SIGNED:</b>	11/29/2017
<b>Total Attachments: 6</b>	
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ASSIGNMENT

Serial No: 14/481,724

Filed: September 9, 2014

Title: Welded Component and Method of Fabrication

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to J.C. BAMFORD EXCAVATORS LIMITED, Lakeside Works, Rocester, Uttoxeter, UNITED KINGDOM ST14 5JP, and its successors and assigns ("Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, title and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by said Assignee to the full end of the term for which said

patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Mark Carthy

Date: 10/02/17

Signature: D. Hurdman  
Dave Hurdman

FORM 1		(FOR OFFICE USE ONLY)		
<p align="center"><b>THE PATENTS ACT, 1970 (39 of 1970)</b>  <b>&amp;</b>  <b>The Patents Rules, 2003</b>  <b>APPLICATION FOR GRANT OF</b>  <b>PATENT</b>            [See section 7,54 &amp; 135 and rule 20(1)]</p>		Application No.: Filing Date: Amount of Fees Paid: CBR No: Signature:		
<b>1. APPLICANT(S)</b>				
NAME		NATIONALITY	ADDRESS	
JC BAMFORD EXCAVATORS LIMITED		British	Lakeside Works, Rocester, Uttoxeter, Staffordshire, ST14 5JP, United Kingdom	
<b>2. INVENTOR(S)</b>				
NAME		NATIONALITY	ADDRESS	
CARTHY, Mark		British	JC Bamford Excavators Limited, Lakeside Works, Rocester, Uttoxeter, Staffordshire ST14 5JP, United Kingdom	
HURDMAN, Dave		British	JC Bamford Excavators Limited, Lakeside Works, Rocester, Uttoxeter, Staffordshire, ST14 5JP, United Kingdom	
<b>3. TITLE OF THE INVENTION:</b> <b>WELDED COMPONENT AND METHOD OF FABRICATION</b>				
<b>4. ADDRESS FOR CORRESPONDENCE OF APPLICANT/AUTHORIZED PATENT AGENT IN INDIA</b>				
LAKSHMI KUMARAN & SRIDHARAN B6/10, Safdarjung Enclave New Delhi 110029 India		Telephone No.:(91) 11 41299800 Fax No: (91) 11 26197578 Email: iprdel@lakshmisri.com		
<b>5. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY:</b>				
<b>Country</b>	<b>Application No</b>	<b>Filing Date</b>	<b>Name of Applicant</b>	<b>Title of Invention</b>
United Kingdom	1316070.0	10 September 2013	JC BAMFORD EXCAVATORS LIMITED	WELDED COMPONENT AND METHOD

				OF FABRICATION
<b>6. PARTICULARS FOR FILING PATENT COOPERATION TREATY(PCT) NATIONAL PHASE APPLICATION : N/A</b>				
<b>International Application No.</b>		<b>International filing date as allotted by the receiving office</b>		
Nil		Nil		
<b>7. PARTICULARS FOR FILING DIVISIONAL APPLICATION : N/A</b>				
<b>Original (First) Application No.</b>		<b>Date of filing of Original (First) Application</b>		
Nil		Nil		
<b>8. PARTICULARS FOR FILING PATENT OF ADDITION : N/A</b>				
<b>Main Application/Patent No.</b>		<b>Date of filing of Main Application</b>		
Nil		Nil		
<b>9. DECLARATIONS</b>				
<b>(i) Declarations by Inventor(s)</b>				
I/We, the above named inventor(s) is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.				
<b>INVENTOR NAME</b>		<b>SIGNATURE</b>		<b>DATE</b>
CARTHY, Mark				4/3/2015.
HURDMAN, Dave				4/3/2015
<b>(ii) Declaration by the Applicant(s) in the convention country</b>				
I/We, the Applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.				
<b>(iii) Declaration by the Applicant(s)</b>				
I/We hereby declare(s) that				

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- I am /We are in possession of the above mentioned invention.
- Complete Specification relating to the invention is filed with this application.
- The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.
- There is no lawful ground of objection to the grant of patent to me/us.
- I am / we are the assignee or legal representative of true & first Inventors.
- The application or each of applications, particulars of which are given in para 5 was the first application in convention country / countries in respect of my/our invention.
- I / We claim priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention has been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- My/our application is based on International application under Patent Cooperation Treaty as mentioned in para 6.
- The application is divided out of my/our application particulars of which are given in para -7 and pray that this application may be treated as deemed to have been filed on N/A under section 16 of the Act.
- The said invention is an improvement in or modification of the invention particulars of which are given in para 8.

**10. Following are the attachments with the application:**

- a. Complete Specification
- b. Complete Specification (~~in confirmation with the International application/as amended before the~~ IPEA, as applicable (2-copies); No of pages: 11; No of Claims: 15
- c. Drawings (~~in confirmation with the International application / as amended before the IPEA, as applicable (2-copies)~~); No of sheets: 2
- d. Statement and undertaking on FORM-3
- e. Power of Authority – Already Filed
- f. Official fee Rs. 16,000/- by Draft No. .... dated  
..... on **HDFC BANK LTD.**
- g. Declaration of Inventorship on FORM-5

I/We declare that to the best of my/our knowledge, information and belief the fact and matters stated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Date: 10 September 2014

Signature:



Name: **KONPAL RAE**  
**IN/PA -1228**  
**OF LAKSHMI KUMARAN & SRIDHARAN**  
**AGENT FOR THE APPLICANT(S)**

To,  
**The Controller of Patents**  
The Patent Office at New Delhi

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RECORDED: 11/29/2017

**PATENT**  
**REEL: 044532 FRAME: 0083**