Ass Dir P.C	ail Stop: ssignment Recordation Services rector of the U.S. Patent and Trademark Office O. Box 1450 exandria, VA 22313-1450	RECORDATION FOR PATENTS						
	case record the attached document.	t, attachments, and docum	nent: <u>14</u>		<u>133301</u>			
1.	BERU F1 SYSTEMS L B. Additional name(s) of conveying			ROLL 65 BU LONI GREA	d address of receiving party(ies): LS-ROYCE PLC JCKINGHAM GATE JON, SW1E 6AT AT BRITAIN al name(s) & address(es) attached?			
3.	 A. Nature of conveyance: Assignment Security Agreement Other B. Execution Date: JANUARY 1 	Merger Change of Name <u>4, 2011</u>			∐Yes ⊠ No			
4.	A. Patent Application No. 12/922,6	669 Additional numbers attac	 B. Patent No. ched? □ Yes ⊠ No 					
	C. Title of Application: <u>CONNE</u>	ECTOR AND ELECT	RICAL	RICAL TRACKS ASSEMBLY				
5.	Name and address of party to whom co concerning document should be mailed		6. 1	fotal number (of applications and patents involved: 1			
	Name: James A. Oliff		 Please charge Deposit Account No. 15-0461 th total fee (37 CFR 3.41) in the amount of \$40.00. 					
	Address: OLIFF & BERRIDGE, 1 P.O. Box 320850 Alexandria, VA 22320 Phone Number: 703-836 Fax Number: 703-836	-4850 <u>6-6</u> 400	8. (c	Credit any ove leposit accour	rpayment or charge any underpayment to the number 15-0461.			
9.		8	on is true		nd any attached copy is a true copy of the May 31, 2012			

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Dated 14 January 2011

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BERU F1 SYSTEMS LIMITED

ROLLS ROYCE PLC

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ASSIGNMENT AND LICENCE OF TECHNOLOGY

Addleshaw Goddard

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Applications means the patent applications short particulars of which are set out in part 2 of schedule 1



Intellectual Property Rights means, patents, registered designs, copyright, design rights, semiconductor topography rights, database rights, petty patents, patent designs, utility models, rights in confidential information, rights in Know-how, rights in trade secrets subsisting at any time in any part or the world and all similar rights subsisting at any time in any part or the world and all similar rights subsisting at any time in any part of the world (including without limitation those subsisting at any time in any part of the world in inventions, designs, drawings, computer programs, semiconductor topographies), in each case whether registered or unregistered and including applications for and rights to apply for protection of the same and any renewals, extensions, continuations re-issues or divisions thereof in any part of the world

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Invention(s) means any invention(s) claimed in any of the Patents or Applications and/or any invention(s) (whether patentable or not) described in or forming part of the Assigned Knowhow

Know-how means any methods, techniques, processes, discoveries, inventions (whether patentable or not), specifications, formulae, designs, plans, component designs, manufacturing processes, databases, works of authorship, computer programs, designs, drawings, blueprints and reports, and other technical information including all test data, test results, results of analyses

Patents means the patents short particulars of which are set out in part 1 of schedule 1

This Deed of Agreement is made on

Between

January C

2011

- . (1) Beru F1 Systems Limited (No. 2902036) whose registered office is at Technical Centre, Owen Road, Diss, Norfolk IP22 4ER (Assignor), and
 - (2) Rolls Royce pic (No. 1003142) whose registered office is at 65 Buckingham Gate, London SW1E 6AT (Assignee).

Whereas

- (A) The Assignor is the registered proprietor of the Patents (as defined below) and is the applicant for the Applications (as defined below).
- (B) The Assignor has agreed to assign the Patents, the Applications and all intellectual Property Rights in any of the Inventions and/or Assigned Know-how (each as defined below) to the Assignee upon the terms and for the consideration set out in this Agreement.



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3	Assignment
3.1	In consideration of the sum of paid by the Assignee to the Assignor on the Effective Date (receipt of which the Assignor hereby acknowledges) the Assignor with full title guarantee hereby assigns to the Assignee (free from all liens, charges and encumbrances) absolutely:
	all right, title and interest in and to the Patents and all rights, powers, privileges and immunities conferred on their proprietor;
	(b) all right, title and interest in and to the Applications and all rights, powers, privileges and immunities arising or accruing in relation to them to the intent that the grant of any patents pursuant to the Applications shall be in the name of and shall vest in the Assignee;
	(c) in respect of any and each of the Applications:
	 the right to claim priority from and to prosecute and obtain any grant of patent; and
	 (ii) the right to file divisional applications based thereon and to prosecute and obtain any grant of patent on each and any such divisional application;
,	(d) in respect of each and any invention described in the Patents, the right to file an application, claim priority from such application, and prosecute and obtain any grant of patent or similar protection in or in respect of any country or territory in the world;
	(e) the right to extend to or register in or in respect of any country or territory in the world each and any of the Patents, each and any of the Applications and each and any of the applications filed as aforesaid, and to extend to or register in, or in respect of, any country or territory in the world each and any of the patents or like protection granted on any of the Applications or any of such applications filed as aforesaid;
\sim	 (f) the absolute entitlement to any patents granted pursuant to any of the Applications or any of the applications filed as aforesaid;
	(g) all right, title and interest in and to all Intellectual Property Rights in any of the Inventions and/or Assigned Know-how; and
	(h) the right to bring, make, oppose, defend, appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) in respect of any infringement, or any other cause of action arising from ownership, of the Patents or any patents granted on any of the Applications or any of the applications filed as aforesaid or any

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PATENT

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of the Intellectual Property Rights referred to in clause 3.1(g), whether occurring before on or after the date of this assignment. • . 4 PATENT

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P11042	Family	P10625	P10625	P10625	P10625	P10625	P10625	P10625	P10825	P10625	Family	
GB	Country	USw	Пе	GBw 2	GBw	GBe	FRe	ESə	EPw	DEe	Country	
Flexi-board WIC	Short title	WIC	WIC	WIC	WIC	WIC	WIC	WIC	WIC	WIC	Short title	
United Kingdom	Country Name	US [PCT]	Italy [EP]	UK [PCT]	UK [PCT]	United Kingdom [EP]	France [EP]	Spain [EP]	European [PCT]	Germany [EP]	Country Name	na An Na Martin and an
0805674,9	Application No	11/752,836	73252/BE/2010	0722064.3	0706832.3	07700395.2	07700395.2	07700395.2	07700395.2	60 2007 008 522.5	Application No	
28 March 2008	Application Date	17 January 2007	17 January 2007	17 January 2007	17 January 2007	17 January 2007	Application Date					
GB2461017		US7745730	EP1974359	GB2440698	GB2438239	EP1974359	EP1974359	EP1974359	EP1974359	EP1974359	Publication Number	
Granted	Status	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Granted	Status	
A Connector and Electrical Tracks Assembly	Official Title	A Wiring Component	A Wiring Component	A Wiring Component	A Wiring Component	A Wining Component	A Winng Component	A Wiring Component	A Wiring Component	A Wiring Component	Official Title	

Schedule 1

Patents & Applications Part 1 - The Patents

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Family	Country	Short title	Country Name	Application No	Application Date	Publication Number	Status	Official Title
P10625	CAW	WIC .	Canada [PCT]	2638037.	17 January 2007	2638037 WO/2007/083102	Pending	A Wining Component
P10825	CNw	WIC	China [PCT]	200780002299,2	17 January 2007	CN101371318 WO/2007/083102	Pending	A Witing Component
P10625	EPw 2	WIC	European [PCT] - Divisional	10167452.1	17 January 2009	EP2226813 WO/2007/083102	Pending	A Wirlng Component
P10625	GB	WIC	United Kingdom	0600878.3	17 January 2006	WO/2007/083102	Replaced (now lapsed)	A Wiring Component
P10625	INW	WIC	India [PCT]	5806/DELNP/2008	17 January 2007	WO/2007/083102	Pending	A Wiring Component
P10625	USw 2	WIC	US [PCT] - Divisional	12/780,180	17 January 2007	WO/2007/083102	Pending	A Wiring Component
	5		7) 1				Nationalised (nationalisation deadline	
								C .
Family	Country	Short title	Country Name	Application No	Application Date	Publication Number	Status	Official Title
P11042	CAw	Flext-board WIC	Canada [PCT]	2,717,793	26 March 2009	CA2717793 WO/2009/118561	Pending	A Connector and Electrical Tracks Assembly
P11042	CNw	Flexi-board WIC	China [PCT]	200980110383.5	26 March 2009	WO/2009/118561	Pending	A Connector and Electrical Tracks Assembly
P11042	EPW	Flexi-board WIC	European [PCT]	09724012.1	26 March 2009	WO/2009/118561	Pending	A Connector and Electrical Tracks Assembly
P11042	INw	Flext-board WIC	India [PCT]	6352/DELNP/2010	26 March 2009	WO/2009/118561	Pending	A Connector and Electrical Tracks Assembly
P11042	JPw	Flexi-board WIC	Japan (PCT)	AWAITED	26 March 2009	WO/2009/118561	Pending	A Connector and Electrical Tracks Assembly
P11042	KRw	Flexi-board WIC	Korea (South) [PC1]	10-2010-7021417	26 March 2009	WO/2009/118561	Pending	A Connector and Electrica Tracks Assembly
044040	RUw	Flexi-board WIC	Russia (PCT)	2010144076	26 March 2009	WO/2009/118561	Pending	A Connector and Electrical Tracks Assembly

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Part 2 - The Applications

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	P11042	P11042
	WO	USw
	Flexi-board WIC P.C.T.	Flexi-board WIC US [PCT]
	P.C.T.	US IPCTJ
	PCT/GB2009/050292	12/922,669
	26 March 2009	26 March 2009
	WO/2009/118561	WO/2009/118561
	Nationalised (nationalisation deadline expired)	Pending
	A Connector and Electrical Tracks Assembly	A Connector and Electrical Tracks Assembly
P REEL: 0283	ATENT 332 FRA	 AME: 0421

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Executed as a deed by Beru F1 Systems Limited

Signature of witness

Name NICK CRISE

Address Mylls & Roome, Dorusch

Position SOlicibor

Signed as a deed by Richard North as attorney for Rolls Royce pic, in the presence of:

Signature of witness
Name
Address
Position

Signature of Director

Signature of Attorney as attorney for the Assignee

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Signature of Director
•
Signature of Attorney as attorney for the Assignee

Signature of witness

5... Name DAVD HARVEY

Address SWB-38, OFD BUILDIN & VICTORY RED DOKRY

Position <u>IP CONTRAC & LICENSING</u>. MANAGER, ROLLS-ROYCE RC.

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PATENT REEL: 028332 FRAME: 0423

RECORDED: 05/31/2012