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Form PTO-1595 (Rev. (09/04) OMB No. 0651-0027 (exp. 6/30/2005)	FEB 2 2 2006 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
7-7206 Tothe Director of the U.S. Patent	ched documents or the newaddress(es) below.
1. Name of conveying party(ie 103185,1 BRITISH TECHNOLOGY GROUP LTD	Name: The Council for the Central Laboratory of the Research Councils Internal Address:
Execution Date(s) March 3, 2005 Additional name(s) of conveying party(ies) attached? Yes X No	Street Address: Rutherford Appleton Laboratory
3. Nature of conveyance: X Assignment Merger	City: Chilton, Didcot, Oxfordshire
Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): N This A. Patent Application No.(s) Additional numbers at	State: Country: England Zip: OX11 0QX Additional name(s) & address(es) attached? Yes X No document is being filed together with a new application. B. Patent No.(s) 5701040 5317878
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: PILLSBURY WINTHROP SHAW PITTMAN LLP Internal Address: P.O. Box 10500	7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 80.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed
Street Address: 1650 Tysons Boulevard	None required (government interest not affecting title)
City: McLean State: VA Zip: 22102	8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
Phone Number: (703) 770-7900 Fax Number: (703) 770-7901 Email Address: christine.metarthy@pillsburylaw.com	b. Deposit Account Number 033975 62/24/2006 LMUELLER 60000116 033975 5701848 Authorized User Name 98 DO 01 FC:8021
9. Signature: Signature Christine H. McCarthy, Reg. No. 41844 Name of Person Signing	February 22, 2006 Date Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

THIS ASSIGNMENT is made as a deed on 3d March 2005

BETWEEN

- (1) BTG INTERNATIONAL LIMITED whose company registration number in England and Wales is 2664412 and whose registered address is at 10 Fleet Place, Limeburner Lane, London, EC4M 7SB, England ("BTG"), and
- (2) The Council for the Central Laboratory of the Research Councils (established by Royal Charter under the Science and Technology Act 1965 via Statutory Instruments 1995 No.630 and 1996 No. 261 as successors in title to The Science and Engineering Research Council of Polaris House, North Star Avenue, Swindon, Wilts SN2 1ET) whose principal place of business is Rutherford Appleton Laboratory, Chilton, Didcot, Oxfordshire OX11 0QX ("CCLRC"); and
- (3) Central Laboratory Innovation and Knowledge Transfer Ltd trading as CLIK Knowledge Transfer whose company registration number in England and Wales is 4361684 and whose registered office is at Rutherford Appleton Laboratory, Chilton, Didcot, Oxfordshire OX11 OQX, UK ("CLIK").

WHEREAS:

- A. BTG (formerly the National Research Development Corporation) is the proprietor and/or beneficial owner of the patents and applications together with related know-how and other rights, details of which are set out in the Schedule 1 to this Agreement, (all such patents, applications, know-how, and other rights are herein together called the "IPR").
- B. BTG has entered into three licence agreements in respect of the IPR with British Aerospace PLC of 11 Strand, London WC2N 5JT dated respectively 5th December 1989, 28th December 1990 and 28th March 1991, British Aerospace PLC subsequently assigned its rights and obligations under those licences to British Aerospace Space and Communications Limited of Gunnels Wood Road, Stevenage, Hertfordshire SG1 2AS, ("BAe") copies of the licences are attached at Schedule 2 to this Agreement.
- C. BTG has also entered into a licence agreement in respect of certain of the IPR with Ball Corporation ("Ball") acting through its Electro-Optics/Cryogencis Division of Boulder Industrial Park, Arapahoe and Commerce, Boulder, Colorado 80301, USA dated 4th December 1991 as amended by a Deed of Adherence dated 6th August 1995 and an Amendment Agreement dated 30th January 2002 copies of such documentation are attached at Schedule 3 to this Agreement.
- D. BTG entered into a Technology Transfer Agreement with CCLRC dated 12th January 1987 (which was terminated by CCLRC on 31st December 2003) and Revenue Sharing Agreements with CCLRC on 23rd March 1990 and with CCLRC and the The Chancellors Masters and Scholars of the University of Oxford whose Administrative Offices are at Wellington Square, Oxford OX1 2JD (the "University") on the 31st August 1989 (the "Revenue Sharing Agreements"); BTG has agreed that the IPR shall be assigned to CCLRC on the terms of this Agreement.
- E. CLIK is a wholly owned subsidiary of CCLRC and is responsible for managing and exploiting CCLRC's intellectual property portfolio. Consequently CCLRC requires and CLIK agrees that CLIK shall be responsible for all sums payable to BTG under this Agreement.

NOW IT IS HEREBY AGREED between the parties as follows:-

1. BTG hereby assigns to CCLRC all its right, title, and interest in the IPR, and the licence agreements with BAe and Ball.

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- 2. (1) BTG shall, at the request and cost of CCLRC, execute and do all such documents, acts and things as may be necessary on the part of BTG to give effect to the terms of this Agreement.
- (2) BTG hereby confirms that, as at the date of this Agreement, it is not aware of any unauthorised use of any of the IPR.
- 3. CLIK as CCLRC's wholly owned subsidiary responsible for managing and exploiting CCLRC's intellectual property portfolio shall be responsible for any commercialisation of the IPR and as such hereby agrees with BTG that:-
- (1) CLIK will, within 90 days after the date of receipt thereof, pay to BTG 50% of all payments (If any) received in respect of the licensing, sale or other commercialisation of the IPR, after deducting their external patent costs until the aggregate of all such payments to BTG amounts to the sum of £40,000,00 which represents approximately 50% of the patent costs incurred by BTG up to January 2004 (details of which are set out in Schedule 4 to this Agreement).
- (2) CLIK will, after paying to BTG the sum in accordance with Clause 3 (1), thereafter pay to BTG 33.3% of all payments (if any) received in respect of the licensing, sale or other commercialisation of the IPR.
- (3) CLIK will keep proper accounts of its receipts which are the subject of sub-clauses (1) and (2) of this clause, and that it will on request produce the same for inspection by the duly authorised representative of BTG together with any invoices or vouchers relating thereto for the purpose of verification.
- 4. CCLRC hereby agrees with BTG that it will not, without the prior written consent of BTG, assign or otherwise part with possession of its rights in the IPR (except by way of licence thereunder) until the said sum of £40,000.00 has been paid to BTG by CLIK or until all the patents, forming part of the IPR, have expired.
- 5. The IPR and the sums paid pursuant to clause 3 above shall, with effect from the date of this Agreement, as between BTG and CCLRC be deemed to be excluded from the terms of the Revenue Sharing Agreements.
- 6. The Revenue Sharing Agreement dated 23rd March 1990 shall terminate with effect from the date of this Agreement.
- 7. This Agreement shall be read and construed in accordance with, and governed by, English law, and the parties submit to the jurisdiction of the English Courts.
- IN WITNESS whereof this document has been executed and delivered as a deed on the date first written above.

Schedule 1

The IPR

BTG Ref No. 133212

Country	Application No.	Patent No.	Filing <u>Date</u>	Grant Date	<u>Title</u>
UK Japan USA	9104200.2 91/504988 07/923901	2241565 2955361 5317878	28.02.91 28.02.91 28.02.91	21.09.94 16.07.99 07.06.94	Joule-Thomson Bypass For C. Cooler

BTG Ref No. 136001

Country	Application No.	Patent No.	Filing Date	Grant Date	Title
Germany France UK USA	69313458.5 93924144.4 93924144.4 08/416895	0667990 0667990 0667990 5701040	01.11.93 01.11.93 01.11.93 01.11.93	27.08.97 27.08.97 27.08.97 23.12.97	Cryogenic Coolers - Linear Motor

Full details of Know-how are set out overleaf.

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PATENT REEL: 017596 FRAME: 0023 The COMMON SEAL of BTG INTERNATIONAL LIMITED was affixed to this deed in the presence of:-

L'Assece

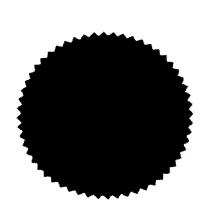
Director/Authorised Signatory

Secretary/Authorised Signatory

The COMMON SEAL of THE COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS was affixed to this deed in the presence of:-

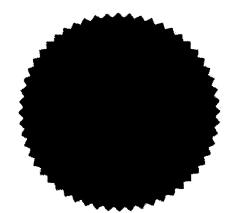
Authorised Signatory

Authorised Signatory



PATENT REEL: 017596 FRAME: 0024

The COMMON SEAL of)
CENTRAL LABORATORY INNOVATI	OŃ)
AND KNOWLEDGE TRANSFER)
LIMITED was affixed to this deed)
n the presence of:-)



Authorised Signatory

Authorised Signatory

PATENT REEL: 017596 FRAME: 0025

DATED	Sed	March

2005

BTG INTERNATIONAL LIMITED

- and -

THE COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS

- and -

CENTRAL LABORATORY INNOVATION AND KNOWLEDGE TRANSFER LIMITED

ASSIGNMENT

, 58LEG1082/00

As/133200/F.4040/133212/F.4091/133212/F.4041/136001/F.4475

RECORDED: 02/22/2006

PATENT

REEL: 017596 FRAME: 0026