

02-25-2003



102372612

Attorney Docket: 78104.041

Form PTO-1595
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Commissioner of Patents, Assignment Division
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1. Name(s) of Conveying Parties:

Zhongyun Fan
 Michael John Bevis
 Shouxun Ji

2. Name(s) and Address(es) of Receiving Parties:

a. Name: Brunel University
 Address: Uxbridge, Middlesex UB8 3PH
 ENGLAND

3. Nature of Conveyance:

- Assignment
 Execution Date: 15 July 2002 and 16 July 2002
 (Resubmission: Document ID 102252783)

4. Application or Patent No(s):

Patent Application(s) (and filing date(s)):
 10/088,877
 5 August 2002

5. Party for Correspondence:

Intellectual Property Department
 DEWITT ROSS & STEVENS S.C.
 8000 Excelsior Drive, Suite 401
 Madison, WI 53717-1914

6. Total No. of Patents/Applications Involved: 1**7. Total Fee (37 CFR 3.41):** \$40

- Fee paid with original submission

8. Deposit Account (if under- or overpayment): 18-2055**9. Signature**

CRAIG A. FIESCHKO (Reg. 39668)

Name

Signature

Date

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TOTAL NUMBER OF PAGES (COVER SHEET AND ALL ATTACHMENTS): 6

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Attorney Docket: 78104.041

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Commissioner of Patents Box Assignments Washington, DC 20231		To Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.	
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9. Signature CRAIG A. FIESCHKO (Reg. 39668) Name Signature Date 10/17/02 TOTAL NUMBER OF PAGES (COVER SHEET AND ALL ATTACHMENTS): 6			

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ASSIGNMENT

This document is an ASSIGNMENT made by ASSIGNORS:

Zhongyun FAN	of	Wolfson Centre for Material Processing Brunel University Uxbridge, Middlesex UB8 3PH England
Michael John BEVIS	of	Wolfson Centre for Material Processing Brunel University Uxbridge, Middlesex UB8 3PH England
Shouxun JI	of	Wolfson Centre for Material Processing Brunel University Uxbridge, Middlesex UB8 3PH England

to ASSIGNEE:

Brunel University	of	Uxbridge, Middlesex UB8 3PH England
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(an entity organized under the laws of Great Britain).

IN CONSIDERATION of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is acknowledged:

1. Assignment.

Each ASSIGNOR sells and assigns to the ASSIGNEE, and to the ASSIGNEE's successors and assignees, their entire right, title and interest in the invention entitled **METHOD AND APPARATUS FOR PRODUCING SEMISOLID METAL SLURRIES AND SHAPED COMPONENTS** set forth in the following United States patent application:

Title (as filed):	METHOD AND APPARATUS FOR PRODUCING SEMISOLID METAL SLURRIES AND SHAPED COMPONENTS
Inventor(s):	Zhongyun FAN, Michael John BEVIS, Shouxun JI
Filing Date:	August 5, 2002
Based on:	PCT/GB00/03552 filed 15 September 2000 GB 9922695.3 filed 24 September 1999
U.S. Serial No.:	10/088,877

The ASSIGNEE or the attorney of record are authorized to insert the filing date and serial number of the application above after such have been established.

Each ASSIGNOR acknowledges that their entire beneficial interest in the invention to which the above application relates is irrevocably vested in the ASSIGNEE, including the right to apply for protection in all countries abroad and the right to claim priority under any International Conventions for such applications, and assent to the making of any such applications and any substitutes, refiles, divisions, or continuations resulting from any such applications, with or without priority claims. Each ASSIGNOR acknowledges that the ASSIGNEE shall hold all interests in the invention as fully and completely as they would have been held by the ASSIGNOR had this ASSIGNMENT not been made.

2. Other Matter Encompassed.

This sale and assignment extends to the previously-noted matter, and also to (a) any related substitute, refile, divisional, or continuation applications filed in the United States and elsewhere; (b) any subsequent patent applications filed in the United States or elsewhere claiming the benefit of priority to this or any of the aforementioned applications; (c) any patents issuing out of any of the aforementioned applications, and any reissues or extensions of such patents; and (d) any other patent applications or patents relating to the invention set forth in the application(s) identified above.

3. Assignor Certification of Ownership.

Each ASSIGNOR covenants that they have the full right to convey their entire right, title and interest in the invention to the ASSIGNEE, and that they have not executed and will not execute any agreement in conflict with this ASSIGNMENT.

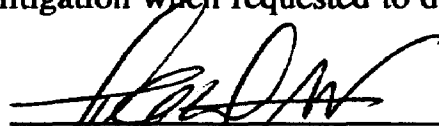
4. Assignor Assistance in Securing Rights.

Each ASSIGNOR covenants that they will at any time and upon request execute and deliver any and all papers that may be necessary or desirable to perfect the title in the invention, or the title in any application regarding the invention or in any patents that may be granted for the invention. If the ASSIGNEE or its successors or assignees desire to make substitute, refile, division, or continuation applications for the invention, or to secure a reissue or extension of a patent for the invention, or to file a disclaimer relating to the invention, or to make an application for a corresponding patent in any foreign country, the ASSIGNORS covenant that they will at any

time and upon request sign all papers, make all rightful oaths, and do all lawful acts necessary for these purposes, but at the expense of the ASSIGNEE.

The ASSIGNORS covenant that they will at all times communicate to the ASSIGNEE, its successors, assigns, and legal representatives, all facts relating to the invention and any applications or patents relating to the invention known to them, and testify as to these facts in interferences or other litigation when requested to do so, but at the expense of the ASSIGNEE.

ASSIGNOR:


Zhongyun FAN

Date:

15 / 07 / 02
DAY / MONTH / YEAR

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DAY / MONTH / YEAR

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