

RECORD

09-04-2009

Attorney Docket U 016958-



103572896

(with signed English translation if needed).

d document copy

To the Director of P.

1. Name of conveying party(ies):

1. CHAKRABORTY, Bikash, Chandra
2. RAJAGOPALAN, Manoj, Nalanda
3. SRINIVASAN, Senthil, Kumar, Kandhaswamy

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

2. Name and address of receiving party (ies):

Name: DEFENSE RESEARCH & DEVELOPMENT ORGANISATION

Address: MINISTRY OF DEFENSE,
GOVERNMENT OF INDIA,
WEST-BLOCK-VIII, WING-1,
SEC.-1, R.K. PURAM
NEW DELHI 110 066 INDIA

Additional name(s) & addresses(es) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement | <input type="checkbox"/> Change of Address * |
| <input type="checkbox"/> Government Interest Assignment | (old address above) |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | * may be by attorney |
| <input type="checkbox"/> Other _____ | |

Execution Date(s):
1. SEPTEMBER 28, 2007
2. SEPTEMBER 28, 2007
3. SEPTEMBER 28, 2007

4. Application number(s) or patent number(s)

☐ Being filed together with a new application.☒ International Application No.(s): PCT/IN2005/000212
International Filing Date : 23 JUNE 2005
U.S. Serial No. : 11/883,154☐ Patent No.(s):

14/04/2008 LLANDGRA 00000062 11883154

32 FC:8021

40.00 0P

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Janet L. Cord

Address: Ladas & Parry LLP
26 West 61st Street
New York, N.Y. 10023
(fax) (212) 246-8959

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) 1 @ \$40.00 each

☒ Check Enclosed☒ Authorized to be charged in whole or in part to:

8. Deposit account number: 12-0425

9. Signature:

Janet L. Cord

Name of Person Signing

Signature

April 2, 2008

Date

Total number of pages including coversheet, attachments, and documents:

7

(Assignment (Document) Cover Sheet—page 2 of 2) 13-10

PATENT
REEL: 023192 FRAME: 0820

1. Additional names of conveying party(ies):

4. PANDEY, Ram, Sahay
5. SREENIVASAN, Praveen
6. SURYAVANSHI, Uttam, Gopal
7. RAUT, Rohidas, Dasharath
8. SHAH, Arun, Kumar

Execution Date(s):

4. SEPTEMBER 28, 2007
5. SEPTEMBER 28, 2007
6. SEPTEMBER 28, 2007
7. SEPTEMBER 28, 2007
8. SEPTEMBER 28, 2007

2. Additional names and addresses of receiving party (ies):

Name:

Address:

Name:

Address

Name:

Address

Name:

Address

Name:

Address

4. Additional application number(s) or patent number(s)

- 4.
- 5.
- 6.
- 7.
- 8.

For: ☐ U.S. and/or ☐ Foreign Rights
For: ☒ U.S. Application or
 ☐ U.S. Provisional Application
For: ☐ U.S. Patent
For: ☐ PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>Bikash Chandra CHAKRABORTY</u> (type or print name of inventors)	<u>Ministry of Defense, Government of India,</u> <u>West-Block-VIII, Wing-1, Sec.-1, R.K. Puram</u> <u>Address New Delhi 110 066 India</u> <u>Indian</u> Nationality
<u>Manoj Nalanda RAJAGOPALAN</u>	<u>Ministry of Defense, Government of India,</u> <u>West-Block-VIII, Wing-1, Sec.-1, R.K. Puram</u> <u>Address New Delhi 110 066 India</u> <u>Indian</u> Nationality
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Added page(s) for signature by subsequent inventors. Number of pages added

1

ASSIGNORS (Inventors):

Uttam Gopal SURYAVANSHI

(type or print name of inventors)

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(Assignment of Invention—Multiple Inventors—Added Page) 16-3.2a

(if assignment is by person or entity to whom invention was previously assigned
and this was recorded in PTO, add the following)

Recorded on _____

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hereby sells, assigns and transfers to
ASSIGNEE
DEFENSE RESEARCH &
DEVELOPMENT ORGANISATION
(type or print name of ASSIGNEE)

MINISTRY OF DEFENSE, GOVERNMENT OF INDIA,
Address
WEST-BLOCK-VIII, WING-1, SEC.-1, R.K. PURAM
NEW DELHI 110 066 INDIA

INDIAN
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- ☒ the entire right, title and interest
☐ an undivided _____ percent (_____ %) right, title and interest
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- ☒ and in all foreign countries, including all rights to claim priority, in and to any and all
improvements which are disclosed in the invention entitled:
LIGHTWEIGHT STRUCTURAL COMPOSITE FOR LOAD BEARING APPLICATION

Name of inventor(s) Bikash Chandra CHAKRABORTY; Manoj Nalanda RAJAGOPALAN;
Senthil Kumar Kandhaswamy SRINIVASAN; Ram PANDEY; Praveen SREENIVASAN;
Uttam Gopal SURYAVANSHI; Rohidas Dasharath RAUT; Arun Kumar SHAH

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. 3.21)

- (a) ☐ Not yet filed U.S. patent application executed on even date herewith
(b) ☐ Not yet filed U.S. patent application executed on _____
(c) ☐ Not yet filed U.S. provisional application naming the above inventor(s) for
the above-entitled invention
☐ To comply with 37 C.F.R. 3.21 for recordal of this assignment, I, an
ASSIGNOR signing below, hereby authorize and request my
attorney to insert below the filing date and application number when
they become known.
(d) ☐ U.S. patent or provisional patent application no. _____
filed on _____
(e) ☒ International application no. PCT/IN2005/000212
(f) ☐ U.S. patent no. _____ issued _____
☐ A change of address to which correspondence is to be sent regarding
patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

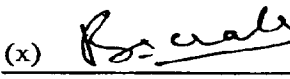
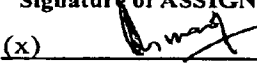

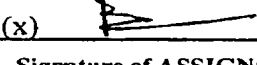

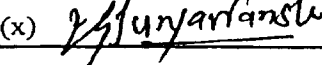


and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

<u>Bikash Chandra CHAKRABORTY</u>	(x) <u></u>	this (x) <u>28/9/2007</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Manoj Nalanda RAJAGOPALAN</u>	(x) <u></u>	this (x) <u>28/9/2007</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Senthil Kumar Kandhaswamy SRINIVASAN</u>	(x) <u></u>	this (x) <u>28/9/07</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Ram Sahay PANDEY</u>	(x) <u></u>	this (x) <u>28/09/2007</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Praveen SREENIVASAN</u>	(x) <u></u>	this (x) <u>28/09/2007</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Uttam Gopal SURYAVANSHI</u>	(x) <u></u>	this (x) <u>28/09/2007</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Rohidas Dasharath RAUT</u>	(x) <u></u>	this (x) <u>28/09/07</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing
<u>Arun Kumar SHAH</u>	(x) <u></u>	this (x) <u>28.9.07</u>
(type name of Assignor)	Signature of ASSIGNOR	date of signing

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the person authorized to sign on behalf of ASSIGNOR)

Joint Director (IPR)

Title

ई आर एंड आई पी आर निदेशक

कुल महा निदेशक / For Director General -

Defence Research and Development Orgn.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized, it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(Assignment of Invention—Multiple Inventors—page 3 of 3) 16-3.2

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Customer No.:



00140

PATENT TRADEMARK OFFICE

A handwritten signature in black ink, consisting of a large loop followed by a horizontal stroke.

SIGNATURE OF PRACTITIONER

JANET I. CORD

(type or print name of practitioner)

P.O. Address

c/o Ladas & Parry LLP
26 West 61st Street
New York, N.Y. 10023

(Request for Corrected Notice of Recordation—page 2 of 2) 16-8a

PATENT
REEL: 023192 FRAME: 0826



IAP07Rec'd PCT 02 APR 2008

Patitioner's Docket No. U 016958-7

PATENT

TRANSMITTAL LETTER TO THE U.S. DESIGNATED OFFICE (DO/US)—
ENTRY INTO THE U.S. NATIONAL STAGE UNDER CHAPTER I

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/IN2005/000212	23 JUNE 2005	2 FEBRUARY 2005

TITLE OF INVENTION

LIGHTWEIGHT STRUCTURAL COMPOSITE FOR LOAD BEARING APPLICATION

APPLICANT(S)

1. CHAKRABORTY, Bikash, Chandra
2. RAJAGOPALAN, Manoj, Nalanda
3. SRINIVASAN, Senthil, Kumar, Kandhaswamy
4. PANDEY, Ram, Sahay
5. SREENIVASAN, Praveen
6. SURYAVANSHI, Uttam, Gopal
7. RAUT, Rohidas, Dasharath
8. SHAH, Arun, Kumar

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PATENT TRADEMARK OFFICE

ATTENTION: DO/US

CERTIFICATION UNDER 37 C.F.R. 1.10*

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I hereby certify that this Completion of Filing Requirements and the papers indicated as being transmitted therewith is being deposited with the United States Postal Service on this date April 2, 2008, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV 927 573 024 US, addressed to the: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

GERALDINE MARTI

(type or print name of person mailing paper)

Signature of person mailing paper

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(Assignment (Document) Cover Sheet—page 1 of 2) 13-10

RECORDED: 08/31/2009

PATENT
REEL: 023192 FRAME: 0827