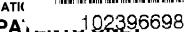


Form PTO-1595 (Rev. 10/02)

RECORDATION



ARTMENT OF COMMERCE Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔⇔ ⇔ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: Ferrotec (USA) Corporation Zhixin Li Kuldip Raj Internal Address: Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance: ✓ Assignment Merger Street Address: 40 Simon Street Security Agreement Change of Name Other_ City: Nashua State: NH Zip: 03060 02/14/2003 Execution Date: Additional name(s) & address(es) attached? 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 03-05-03A. Patent Application No.(s) B. Patent No.(s) 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41)....\$ Robert R. Deleault, Esq. Mesmer & Deleault, PLLC ✓ Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address:_41 Brook Street City: Manchester State: NH Zip: 03104 DO NOT USE THIS SPACE 9. Signature.

> Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to:

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PATENT

Robert R. Deleault

Name of Person Signing

ASSIGNMENT

I, Zhixin Li, Ph.D. of 7 Garrison Farm Road, Hudson, NH 03051, and I, Kuldip Raj, Ph.D. of 11 Christina Road, Merrimack, NH 03076 in consideration of One Dollar and other valuable consideration paid to us by Ferrotec (USA) Corporation, a New Hampshire, having its principal place of business at 40 Simon Street, Nashua, NH 03060, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Ferrotec (USA) Corporation, its successors and assigns, our interest for the United States of America and all foreign countries in a certain invention or improvement in FERROFLUID SEAL INCORPORATING MULTIPLE TYPES OF FERROFLUID described in an application executed by us of near or even date herewith and about to be filed in the United States Patent Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for us and our executors and administrators, with said corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

witness our hand and seal this 14Hday of Hebrually, 2003.3

Solvential States of the S

STATE OF NEW HAMPSHIRE COUNTY OF (Lile for ough)

The foregoing instrument was acknowledged before me this 14th day of Hebritaly, 2001 by Zhixin Li, Ph.D.

STATE OF NEW HAMPSHIRE COUNTY OF LILL FOLLOWSKY

PATENT

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RECORDED: 03/06/2003