PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3011591

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------|----------------|
| FENG SHI | 07/31/2014 |
| SANG LEE | 07/28/2014 |

RECEIVING PARTY DATA

| Name: | EMCORE CORPORATION |
|-----------------|---------------------------|
| Street Address: | 10420 RESEARCH ROAD, S.E. |
| City: | ALBUQUERQUE |
| State/Country: | NEW MEXICO |
| Postal Code: | 87123 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14329682 |

CORRESPONDENCE DATA

Fax Number: (612)305-1228

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 612-305-1220

Email: dmoroz@mrgiplaw.com **Correspondent Name:** MATTHEW C. GOEDEN

Address Line 1: 111 THIRD AVENUE SOUTH, SUITE 350
Address Line 4: MINNEAPOLIS, MINNESOTA 55401

| ATTORNEY DOCKET NUMBER: | C322 |
|-------------------------|---------------------|
| NAME OF SUBMITTER: | MATTHEW C. GOEDEN |
| SIGNATURE: | /Matthew C. Goeden/ |
| DATE SIGNED: | 09/05/2014 |

Total Attachments: 2

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PATENT 502964992 REEL: 033682 FRAME: 0072

ASSIGNMENT

For good and valuable consideration

Feng Shi, a citizen of Canada, residing at 52 Donovan Irvine, CA 92620

Sang Lee, a citizen of South Korea, residing at 299 Via Sarasan Encinitas, CA 92024

hereby assigns to Emcore Corporation, a corporation of the state of New Jersey, having its principal place of business at

10420 Research Road, S.E. Albuquerque, New Mexico 87123

the entire right, title, and interest in and to the DATA COMMUNICATIONS SYSTEM INCLUDING AN OPTICAL FIBER DATA LINK DISPOSED BETWEEN SERIAL BIDIRECTIONAL ELECTRICAL DATA BUSSES which is disclosed in U. S. Patent Application Serial Number 14/329,682 filed on July 11, 2014 and for any and all patents granted therefore, in any and all countries, including continuations, continuations-in-part, divisionals, reissues and extensions thereof, and all rights of priority resulting from the filing of said U.S. application to be held and enjoyed by, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by Feng Shi and Sang Lee had this assignment not been made.

I hereby authorize and request that any attorney associated with United States Patent and Trademark Office (USPTO) Customer No. 41170 to insert the filling date and application serial number in the above indicated spaces when known

7/31/2014

Date

Feng Shi

Date

Sang Lée

Docket C322

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| Date | Feng Shi | |
|-----------|----------|--|
| 7/28/2014 | | |
| Date | Sang Lee | |

PATENT REEL: 033682 FRAME: 0074

RECORDED: 09/05/2014