## PATENT ASSIGNMENT

**SUBMISSION TYPE: NEW ASSIGNMENT** 

APPLICATION NUMBER 10/249163

NATURE OF CONVEYANCE: ASSIGNMENT OF ASSIGNOR'S INTEREST

**CONVEYING PARTY DATA** 

Name: Venugopalan, Hari S.

Execution Date: 03/11/2003

**RECEIVING PARTY DATA** 

Name: <u>EMCORE CORPORATION</u>

Street Address: 145 Belmont Drive

**Internal Address:** 

City: Somerset

State: NEW JERSEY

Country:

Postal Code: 08873-1214

The USPTO, Office of Public Records, will send correspondence via facsimile to **FAX NUMBER:** 216-241-1666

via racsimile to FAX NUMBER.

**CORRESPONDENCE DATA:** 

Correspondence will be sent via US Mail when a fax number

has not been provided or the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

**CUSTOMER NUMBER:** <u>027885</u>

NAME OF PERSON SIGNING: Scott A. McCollister

**DATE SIGNED:** 03/19/2003

**Total Attachments: 1** 

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PATENT REEL: 013490 FRAME: 0643

### ASSIGNMENT

I, Hari S. Venugopalan of 575 Easton Avenue, #10H, Somerset, NJ 08873, having invented certain new and useful improvements in:

# FLIP-CHIP LIGHT EMITTING DIODE WITH A THERMALLY STABLE MULTIPLE LAYER REFLECTIVE P-TYPE CONTACT

for which I am about to make application for Letters Patent of the United States, the said application having been executed by me on the date indicated below, do hereby, in consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, sell, assign, and transfer unto:

#### EMCORE CORPORATION

a corporation of the State of New Jersey, its successors and assigns, the full and exclusive right, title, and interest in and to the said invention in the United States and its territorial possessions, and in all foreign countries with all rights under the International Convention including the right to claim priority, and the entire and exclusive right, title, and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations, and extensions thereof.

I, therefore, authorize and request the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the said:

### EMCORE CORPORATION

for its sole use, and that of its successors, and assigns.

Signed at _	Somethet, NJ	, on this _	day of	March,	2003.
		$\mathcal{N}$			
		Hari S. V	/enugopalan		

STATE OF New Jersey
): SS
COUNTY OF Somerset

Personally appeared before me this day, the above named Hari S. Venugopalan, to me personally known, who acknowledged that he signed the foregoing instrument for the uses and purposes therein mentioned, and that the same is his free act and deed.

In testimony whereof, I have hereunto set my hand and affixed my seal, this day of

(Seal)

RENEE L. SMITH NOTARY PUBLIC OF NEW JERSEY My Commission Expires June 18, 2007

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RECORDED: 03/19/2003

PATENT REEL: 013490 FRAME: 0644