07-13-2001 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 6/93) Patent and Trademark Office R **EET** 101776181 Attorney Docket No. <u>5000-1-192</u> To the Assistant Commissioner for Patents 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Jae-Deuk LEE; Yong-Woo PARK; Ghie-Hugh SONG; Name: Samsung Electronic Co., Ltd Un-Chul PAEK; Mun-Hyun DO Address: 416, Maetan-Dong, Paldal-Gu. Additional name(s) of conveying party(ies) attached? [] Yes [X] No. Suwon-City, Kyungki-Do. 3. Nature of conveyance: Korea, Republic of Korea [] Merger [X] Assignment [] Security Agreement [] Change of Name Additional name(s) & address(es) attached?\_ [] Yes [X] No Other: \_\_ Execution Date: July 5, 2001 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: B. Patent No.(s) A. Patent Application No.(s) 09/761,162 Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: Name: DAVID A. JACKSON 7. Total fee (37 CFR 3.41): \$40.00 Address: KLAUBER & JACKSON [X] Enclosed 411 Hackensack Avenue, 4th Floor [] Authorized to be charged to deposit account, if necessary for overages or underpayments only Hackensack, New Jersey 07601 8. Deposit account number:

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Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

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Customer No.: 23565
Docket No.: 5000-1-192

## Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

1) Jae-Deuk LEE

of

558-28, Suseong-dong, Jeongeup-shi, Jeonrabuk-do, Republic of Korea

2) Yong-Woo PARK

of

124, Je-dong, Jongro-gu, Seoul, Republic of Karea

3) Ghie-Hugh SONG

of

339-9, Yangjae-dong, Seocho-gu, Scoul, Republic of Korea

4) Un-Chul PAEK

of

1, Oryong-dong, Buk-gu, Kwangju-kwangycok-shi, Republic of Korea

5) Mun-Hyun DO

of

Samsung Electronics 2 APT. #8-303, Kongdan-dong, Kumi-shi, Kyonsangbuk-do, Republic of Korea

(hereinafter Assignor) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONIC CO., LTD. of 416, MAETAN-DONG, PALDAL-GU, SUWON-CITY, KYUNGKI-DO, KOREA REPUBLIC OF KOREA

(hereinafter Assignee) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. > 1.00, in and to the invention entitled as:

"DISPERSION-MANAGED FIBER PREFORM AND FABRICATING METHOD THEREOF BY MCVD"

invented by Assignor; the application for United States patent therefor, invented by Assignor; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. Assignor authorizes Assignee to enter the date of signature and/or Serial Number and Filing Date in the above. Assignor also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said Assignee, for its interests as Assignee, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said Assignee; and Assignor further conveys to Assignee all priority rights resulting from the above-identified application for United States Patent. Assignor agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by Assignee to perfect Assignee=s interest in any resulting

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patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and Assignce=s interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor:	Jae-Deuk LEE	Jule - Deuk Lee Signature of inventor
		Dated: July 5, 2001 WITNESSED:
Name of Second Inventor:	Yong-Woo PARK	Signature of inventor
•	,	Dated: July 5, 2001 WITNESSED:
Name of Third Inventor:	Ghie-Hugh SONG	G H Long Signature of inventor
Name of Fourth Inventor:	Un-Chul PAEK	Dated: July 5, 2001 WITNESSED: July 5, 2001 Signature of inventor
		Dated: July 5, 2001 WITNESSED: July 5
Name of Fifth Inventor:	Mun-Hyun DO	Signature of inventor

Dated: July 5, 2001

WITNESSED: Tang

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RECORDED: 07/09/2001

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PATENT REEL: 011961 FRAME: 0571