	Docket No.: PHCF-04049
FORM PTO-1595 (Modified) 10 - 12 - 2 (Rev. 03-01)	- - ·
OMB No. 0651-0027 (exp[5/31/2002) PDBA/REMO	Patent and Trademark Offic
Tab settings → → → ▼	V V
To the Director of the United States 1028568	d the attached original documents or copy thereof.
Name of conveying party(ies): Masatomo SHIBATA	2. Name and address of receiving party(ies):
Masatomo Shidara	Name: Hitachi Cable, Ltd. ທິຕິ
	Address: 6-1, Otemachi 1-chome,
	Chiyoda-ku,
Additional names(s) of conveying party(ies)	Chrysta Ru,
3. Nature of conveyance:	
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Tokyo State/Prov.:
☐ Other	Country: Japan ZIP:
Execution Date: September 9, 2004	Additional name(s) & address(es) ☐ Yes ☒ No
10/04/2004 MBIZUNES 00000018 10953354 03 FC:8021 40.00 GP	
¥V VV UU	ers □ Yes ☒ No
03 FC:8021 40.00 QP	ers 口 Yes 図 No 6. Total number of applications and patents involved: 1
03 FC:8021 Additional numb 5. Name and address of party to whom correspondence	
Additional numb 5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be
Additional numb 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00
Additional numb 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be
Additional numb 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386 Address: McGinn & Gibb, PLLC	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Additional numb 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386 Address: McGinn & Gibb, PLLC 8321 Old Courthouse Road	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☐ Authorized to be charged to deposit account
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386 Address: McGinn & Gibb, PLLC 8321 Old Courthouse Road Suite 200	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number:
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386 Address: McGinn & Gibb, PLLC 8321 Old Courthouse Road Suite 200 City: Vienna State/Prov.: VA Country: USA ZIP: 22182-3817	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 50-0481
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386 Address: McGinn & Gibb, PLLC 8321 Old Courthouse Road Suite 200 City: Vienna State/Prov.: VA Country: USA ZIP: 22182-3817 Do not the best of my knowledge and belief, the foregoing info of the original document.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 50-0481 (Attach duplicate copy of this page if paying by deposit account) HOT USE THIS SPACE
Additional numbers of party to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No. 34,386 Address: McGinn & Gibb, PLLC 8321 Old Courthouse Road Suite 200 City: Vienna State/Prov.: VA Country: USA ZIP: 22182-3817 9. Statement and signature. To the best of my knowledge and belief, the foregoing info	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 50-0481 (Attach duplicate copy of this page if paying by deposit account)

Total number of pages including cover sheet, attachments, and

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Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 015863 FRAME: 0678

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Masatomo SHIBATA c/o Hitachi Cable, Ltd., 6-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

" III-V GROUP NITRIDE SYSTEM SEMICONDUCTOR SELF-STANDING SUBSTRATE, METHOD OF MAKING THE SAME AND III-V GROUP NITRIDE SYSTEM SEMICONDUCTOR WAFER "

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

Hitachi Cable, Ltd. 6-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of 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, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent - page 1 of 2)

PATENT REEL: 015863 FRAME: 0679 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

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 and sale;

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

(Assignment of Application for Patent - page 2 of 2)

PATENT REEL: 015863 FRAME: 0680