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	d original documents or copy thereof.
1. Name of conveying party(ies): H. PAUL MARUSKA (2) LONG-DE ZHU (1) PETER E. NORRIS (1)	Address: 14A GILL STREET
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
🛛 Assignment 🔲 Merger	
□ Security Agreement □ Change of Name	City: WOBURN State/Prov.: MA
Other	Country: USA ZIP: 01801
Execution Date: (1) 8/26/1999 & (2) 8/27/1999	Additional name(s) & address(es)
If this document is being filed together with a new applicationPatent Application No.Filing date09/295,42304/20/1999	B. Patent No.(s)
Additional number 5. Name and address of party to whom correspondence	rs
concerning document should be mailed:	
Mark Dauma Fsa	
Name: Mark Douma, Esq.	7. Total fee (37 CFR 3.41): \$ 40.00
Name: Mark Douma, Esq. Registration No. 34,581 Address: 1001 Manning Street	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Registration No. <u>34,581</u>	Enclosed - Any excess or insufficiency should be
Registration No. 34,581 Address: 1001 Manning Street City: Great Falls State/Prov.: VA	Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Registration No. 34,581 Address: 1001 Manning Street City: Great Falls State/Prov.: VA Country: USA	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number:
Registration No. 34,581 Address: 1001 Manning Street City: Great Falls State/Prov.: VA Country: USA ZIP: 22066 01/28/2000 DC00TEP 041449 09295423 DO NO	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number:
Registration No. 34,581 Address: 1001 Manning Street City: Great Falls State/Prov.: VA Country: USA ZIP: 22066 01/22/3000 DO NO 01 FC:581 40.00 CH 9. Statement and signature To the best of my knowledge and belief, the foregoing info. of the original document. Mark Douma	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 041449 (A duplicate copy of this sheet is enclosed.) OT USE THIS SPACE ormation is true and correct and any attached copy is a true copy Mark & burne 12/23/1999
Registration No. 34,581 Address: 1001 Manning Street City: Great Falls State/Prov.: VA Country: USA ZIP: 22066 01/28/2000 DONOTED 09295423 01 FC:581 40.00 CH DO NO 9. Statement and signature To the best of my knowledge and belief, the foregoing info. of the original document. Mark Douma Mark Douma Mare of Person Signing Mare of Person Signing	 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account 8. Deposit account number: 041449 (A duplicate copy of this sheet is enclosed.) OT USE THIS SPACE

ASSIGNMENT OF INVENTION DESCRIBED IN A FILED NON-PROVISIONAL APPLICATION

WHEREAS, We, the undersigned on the attached pages have invented a new and useful invention disclosed in a Non-Provisional Application for United States Letters Patent -

Filed: 4/20/1999 Application serial no.: 09/295,423 Title: NITRIDE BASED SEMICONDUCTORS AND DEVICES

AND WHEREAS, NZ Applied Technologies Corporation of Woburn, Massachusetts is desirous of receiving the entire right, title, and interest in said invention;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign, transfer and set over to NZ Applied Technologies Corporation its legal representatives, successors and assigns, any and all right, title or interest to said invention and said application including any conversions to provisional applications, additional non-provisional applications, continuations, continuations-in-part, divisions, reissues, re-examinations, or extensions thereof and in and to any and all patents of foreign countries which may issue for the invention in said application.

AND WE HEREBY COVENANT that we have the full right to convey the entire interest herein assigned and that we have not executed and will not execute any agreement in conflict hereof.

AND WE HEREBY FURTHER COVENANT AND AGREE that we will communicate to NZ Applied Technologies Corporation any facts known to us with respect to said invention or any improvements thereof, execute all further applications of any kind, sign all lawful papers, testify in any legal proceeding, and generally do everything possible to aid NZ Applied Technologies Corporation to obtain and enforce proper patent protection for said invention in all countries.

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent to said Assignee as assignee of the entire right, title and interest for the full length of the term thereof.

ASSIGNMN.NSD

page 1(3)

ASSIGNMENT OF INVENTION DESCRIBED IN A FILED NON-PROVISIONAL APPLICATION

Filed: 4/20/1999 Application serial no.: 09/295,423 Title: NITRIDE BASED SEMICONDUCTORS AND DEVICES

IN TESTIMONY WHEREOF, in this County of <u>5em, yole</u>, Sate of Florida,

I hereunto set my hand this 27 day of August, 1999.

and Marusleg Signed:___/.

Name: H. Paul Maruska Residence: Winter Springs, Florida FLOC M620335442570

On this $\underline{\rightarrow}$ day of $\underline{\qquad}$, 1999, before me personally appeared, to me known to be the person who executed the above instrument, and acknowledged to me that he executed the same for the uses and purposes set forth therein.

Notary Public My Commission expires: commission CC817851 Expires March 16, 2003

page 2(3)

ASSIGNMENT OF INVENTION DESCRIBED IN A FILED NON-PROVISIONAL APPLICATION

Filed: 4/20/1999 Application serial no.: 09/295,423 Title: NITRIDE BASED SEMICONDUCTORS AND DEVICES

IN TESTIMONY WHEREOF, in this County of Middlesex, Commonwealth of Massachusetts,

We hereunto set our hands this $\underline{//}$ day of $\underline{Scpkin5z-}$, 1999.

Fong de ? /m Signed: < Name: Long De Zhu

Residence: Woburn, Massachusetts

Signed:____

Name: Peter E. Norris Residence: Cambridge, Massachusetts

On this $\underline{/ }$ day of $\underline{Scoken 5c-}$, 1999, before me personally appeared, to me known to be the persons who executed the above instrument, and acknowledged to me that they executed the same for the uses and purposes set forth therein.

Notary Public My Commission expires: $\frac{4}{24}$

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page 3(3)

PATENT REEL: 010504 FRAME: 0628

RECORDED: 12/27/1999