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Conveying Party(ies)

☐ Mark if additional names of conveying parties attachedName Christopher J. VineisExecution Date
Month Day Year 12/19/2002Name Richard Westhoff 12/19/2002Name Mayank Bulsara 12/19/2002Name / /Name / /

Receiving Party

☐ Mark if additional names of receiving parties attachedName (line 1) AmberWave Systems CorporationName (line 2) Address (line 1) 13 Garabedian DriveAddress (line 2) Address (line 3) Salem NH 03079

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Zip Code

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Correspondent Name and Address

Area Code and Telephone Number (617) 248-7000

Name Patent Administrator

Address (line 1) Testa, Hurwitz & Thibault, LLP

Address (line 2) High Street Tower

Address (line 3) 125 High Street

Address (line 4) Boston, MA 02110

Pages Enter the total number of pages of the attached conveyance document including any attachments.

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

10/268,425

Patent Number(s)

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

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Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$40.00

Method of Payment:

Enclosed ☒Deposit Account ☐

Deposit Account

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Deposit Account Number

20-0531

Authorization to charge additional fees:


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Natascha C. Us

Name of Person Signing



Signature

Jun 6, 2003

Date

ASSIGNMENT

WHEREAS, We, Christopher J. Vineis, Richard Westhoff, and Mayank Bulsara have invented one or more inventions described in an application for Letters Patent of the United States entitled:

REDUCTION OF DISLOCATION PILE-UP FORMATION DURING RELAXED LATTICE-MISMATCHED EPITAXY

and identified by

Serial No. 10/268,425 filed in the United States Patent Office on October 10, 2002; and

WHEREAS, AmberWave Systems Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the state of Delaware, and having a usual place of business at 13 Garabedian Drive, Salem, NH 03079, desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, continuations-in-part, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all Letters Patent to ASSIGNEE in its own name as assignee of our entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEE, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, continuation-in-part, divisional, reissue, reexamination, or corresponding foreign or international patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEE, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals on the date(s) set forth below.

Inventor:

Christopher J. Vineis
Christopher J. Vineis

State/Commonwealth of Mass)

County of Essex) ss

Subscribed and sworn to before me, by the above-named Christopher J. Vineis this 19th day of

December, 2002.

Cheryl A. Favor
Notary Public

My Commission Expires: _____

Cheryl A. Favor

Notary Public

My Commission Expires
October 9, 2009

Inventor:

Richard Westhoff
Richard Westhoff

State/Commonwealth of Mass)

County of Essex) ss

Subscribed and sworn to before me, by the above-named Richard Westhoff this 19th day of

December, 2002.

Cheryl A. Favor
Notary Public

My Commission Expires: _____

Cheryl A. Favor

Notary Public

My Commission Expires
October 9, 2009

Inventor: Mayank Bulsara 12/19/02
Mayank Bulsara

State/Commonwealth of Mass)
County of Essex) ss

Subscribed and sworn to before me, by the above-named Mayank Bulsara this 19th day of December, 2002.

Cheryl A. Favor
Notary Public

My Commission Expires: Cheryl A. Favor
Notary Public
My Commission Expires
October 9, 2009

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