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Conveying Party(ies)
☐ Mark if additional names of conveying parties attached

Name
Thomas A. Langdo
Name
Matthew T. Currie
Name
Glyn Braithwaite
Name
Richard Hammond
Name
Anthony J. Lochtefeld
Name
Eugene A. Fitzgerald

Execution Date
08/15/2003
08/15/2003
08/15/2003
04/18/2005
08/15/2003
08/22/2003

Receiving Party
☐ Mark if additional names of receiving parties attached

Name (line 1) AmberWave Systems Corporation
Name (line 2) _______________________
Address (line 1) 13 Garabedian Drive
Address (line 2) _______________________
Address (line 3) Salem NH 03079
City State/Country Zip Code

Domestic Representative Name and Address
Enter for the first Receiving Party only.
Name _______________________
Address (line 1) _______________________
Address (line 2) _______________________
Address (line 3) _______________________
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Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450
LIBC/2304931.1

PATENT
REEL: 016802 FRAME: 0359
## Correspondent Name and Address

**Name**: Patent Administrator  
**Address (line 1)**: Goodwin Proctor LLP  
**Address (line 2)**: Exchange Place  
**Address (line 3)**:  
**Address (line 4)**: Boston, MA 02109

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### Application Number(s) or Patent Number(s)

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

### Patent Application Number(s)

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### Patent Number(s)

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### Patent Cooperation Treaty (PCT)

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

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### Number of Properties

Enter the total number of properties involved.

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### Fee Amount

**Fee Amount for Properties Listed (37 CFR 3.41):** $40.00

**Method of Payment:** Enclosed  
**Deposit Account**  
(Enter for payment by deposit account or if additional fees can be charged to the account)

**Deposit Account Number**: # 07-1700

**Authorization to charge additional fees:** Yes  
**Date**: July 22, 2001

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### Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

**Name of Person Signing**: Natasha C. Us, Reg. No. 44,381  
**Signature**:  
**Date**: July 22, 2001

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LIBC/2304931.1

**PATENT**  
**REEL**: 016802 **FRAME**: 0360
ASSIGNMENT

WHEREAS, We, Anthony J. Lochtefeld, Thomas A. Langdo, Richard Hammond, Matthew T. Currie, Glyn Braithwaite, and Eugene A. Fitzgerald, have invented one or more inventions described in an application for Letters Patent of the United States entitled:

STRAINED-SEMICONDUCTOR-ON-INSULATOR DEVICE STRUCTURES

and identified by

Serial No. 10/456,708 filed in the United States Patent Office on June 6, 2003; 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:

[Signature]

Anthony J. Lochtefeld

State/Commonwealth of Massachusetts)
County of Essex ) ss

Subscribed and sworn to before me, by the above-named Anthony J. Lochtefeld this 13th day of August, 2003.

Notary Public
My Commission Expires: Cheryl A. Favor

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

Inventor:

[Signature]

Thomas A. Langdo

State/Commonwealth of Massachusetts)
County of Essex ) ss

Subscribed and sworn to before me, by the above-named Thomas A. Langdo this 15th day of August, 2003.

Notary Public
My Commission Expires: Cheryl A. Favor

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

Richard Hammond

State/Commonwealth of  )
County of  ) ss

Subscribed and sworn to before me, by the above-named Richard Hammond this ___ day of __________, 2003.

Notary Public
My Commission Expires: ______________

Inventor:  
Matthew T. Currie

State/Commonwealth of Massachusetts)
County of Essex  ) ss

Subscribed and sworn to before me, by the above-named Matthew T. Currie this ___ day of __________, 2003.

Notary Public
My Commission Expires: ______________

Inventor:  
Glyn Braithwaite

State/Commonwealth of Massachusetts)
County of Essex  ) ss

Subscribed and sworn to before me, by the above-named Glyn Braithwaite this ___ day of __________, 2003.

Notary Public
My Commission Expires: ______________
ASSIGNMENT

WHEREAS, We, Anthony J. Lochtefeld, Thomas A. Langdo, Richard Hammond, Matthew T. Currie, Glyn Braithwaite, and Eugene A. Fitzgerald, have invented one or more inventions described in an application for Letters Patent of the United States entitled:

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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:  
Anthony J. Lochtefeld

State/Commonwealth of  
County of  
ss

Subscribed and sworn to before me, by the above-named Anthony J. Lochtefeld this ___ day of __________, 2003.

Notary Public
My Commission Expires: ____________________________

Inventor:  
Thomas A. Langdo

State/Commonwealth of  
County of  
ss

Subscribed and sworn to before me, by the above-named Thomas A. Langdo this ___ day of __________, 2003.

Notary Public
My Commission Expires: ____________________________
Joint Assignment
U.S. Serial No. 10/456,708
Page 3 of 4

Inventor: Richard Hammond

Witnessed by: P. Man

Name: Richard Mezra

Date: 18/04/05

Inventor: Matthew T. Currie

State/Commonwealth of )
County of ) ss

Subscribed and sworn to before me, by the above-named Matthew T. Currie this ___ day of __________, 2003.

Notary Public
My Commission Expires: ______________________

Inventor: Glyn Braithwaite

State/Commonwealth of )
County of ) ss

Subscribed and sworn to before me, by the above-named Glyn Braithwaite this ___ day of __________, 2003.

Notary Public
My Commission Expires: ______________________
Inventor: Eugene A. Fitzgerald

State/Commonwealth of )
County of ) ss

Subscribed and sworn to before me, by the above-named Eugene A. Fitzgerald this ___ day of
________, 2003.

Notary Public
My Commission Expires: __________________

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