

10-15-1999

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
William K. Bischel; David A.G. Deacon; Nigel J. Cockcroft; Markus P. Hehlen; David K. Wagner; Richard B. Tompane; Simon J. Field

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Gemfire CorporationAddress: 2471 E. Bayshore Road, #600Palo Alto, CA 94303Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 7/8/99 and 9/23/99

4. Application number(s) or patent number(s):

A. Patent Application No.: 09/295,244Title: OPTICALLY INTEGRATING PIXEL MICROSTRUCTUREFiled Date: April 19, 1999

B. Patent No(s).:

Additional numbers attached? ☐ Yes ☒ No

If this document is being filed together with a new application, the execution date of the application is: _____

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Warren S. Wolfeld, Esq.Address: Fliesler, Dubb, Meyer & LovejoyFour Embarcadero Center, Suite 400San Francisco, CA 94111Telephone: (415) 362-38006. Total Number of applications and patents involved: 1 X \$40.00 each7. Total fee (37 CFR 3.41).....\$ 40.00☒ Check Enclosed

8. Fee Authorization. Authorization is given to charge any additional fees or credit any overpayment to Deposit Account No. 06-1325.

Copy. (A duplicate copy of this authorization is not enclosed.)

9. 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.*Warren S. WolfeldAttorney (Reg. No.: 31,454)

Signature

Date

10. Total number of pages to be recorded: 15 (1 page cover sheet and 14 page document).

JOINT TO CORPORATE ASSIGNMENT FOR SINGLE INVENTOR

INVENTOR: William K. Bischel

WHEREAS, the undersigned, William K. Bischel, a resident of Menlo Park, California, (hereinafter termed "Inventor"), has invented or co-invented certain new and useful improvements in:

OPTICALLY INTEGRATING PIXEL MICROSTRUCTURE

and has executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

✓ Said application having SC/Serial Number 09/295,244 and filed on the 19th day of April, 1999.

WHEREAS Gemfire Corporation (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 2741 E. Bayshore Road, Palo Alto, State of California, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

1. Said Inventor does hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest which said inventor has (a) in and to said application and said invention; (b) in and to all rights to apply in any and all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

2. Said Inventor hereby covenants and agrees to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventor shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for

prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, said Inventor's heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that said Inventor has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee.

Date of Execution of Declaration for Patent Application: X 7/8/99



William K. Bischel
(Inventor's Signature)

State of California
County of Santa Clara

On 7/8/99 before me, USA Toquinto
(name and title of officer)

personally appeared William K. Bischel, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature 



prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee.

Date of Execution of Declaration for Patent Application: X 9/23/99

X David A.G. Deacon
(Inventor's Signature)

State of Ca.

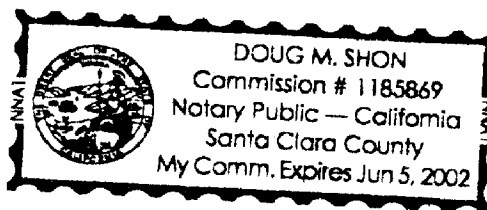
County of Santa Clara

On 23 Sep 1999 before me, DOUG M. SHON, Notary
(name and title of officer)

personally appeared David A.G. Deacon, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature]



prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee.

Date of Execution of Declaration for Patent Application: X 7/8/99

X [Signature]
Nigel J. Cockroft
(Inventor's Signature)

State of California

County of Santa Clara

On July 8, 1999 before me, Lisa Toquinto
(name and title of officer)

personally appeared Nigel J. Cockroft, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature]



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IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee.

Date of Execution of Declaration for Patent Application: X 7/8/99

X Markus P. Hehlen
Markus P. Hehlen
(Inventor's Signature)

State of California

County of Santa Clara

On July 8, 1999 before me, LISA TOQUINTO
(name and title of officer)

personally appeared Markus P. Hehlen, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Lisa Toquinto



prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee.

Date of Execution of Declaration for Patent Application: X Jan 8, 1999

X David K. Wagner
David K. Wagner
(Inventor's Signature)

State of California

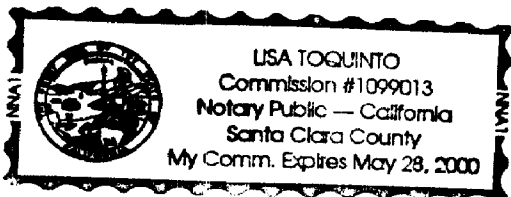
County of Santa Clara

On 7/8/99 before me, USA Toquinto
(name and title of officer)

personally appeared David K. Wagner, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature USA Toquinto



Page 2 of 2

Attorney Docket No.: GEMF 2041 WSW
/wsw/gemf/2041.assign5

Client Ref.: -41

PATENT
REEL: 010302 FRAME: 0263

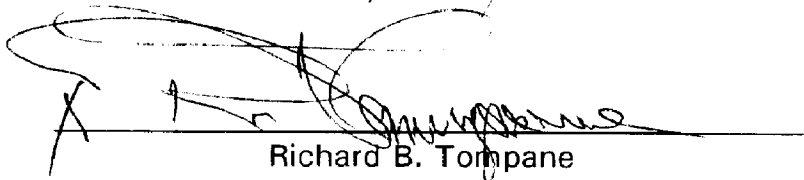
prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, the said Inventor has executed this instrument on the date of acknowledgement before the Notary Public as given below and delivered this instrument to said Assignee.

Date of Execution of Declaration for Patent Application: X 7/8/99


Richard B. Tompane
(Inventor's Signature)

State of California

County of Santa Clara

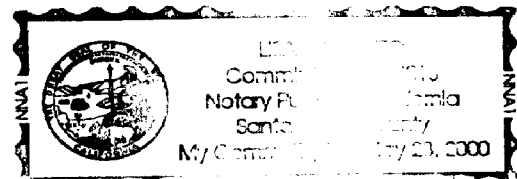
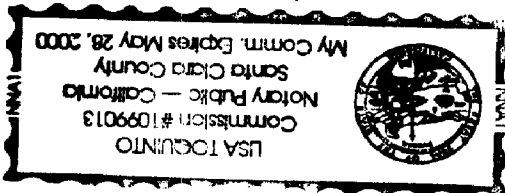
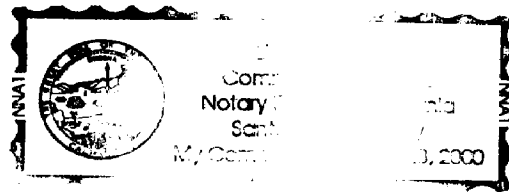
On July 8, 1999 before me,

Lisa Toquinto
(name and title of officer)

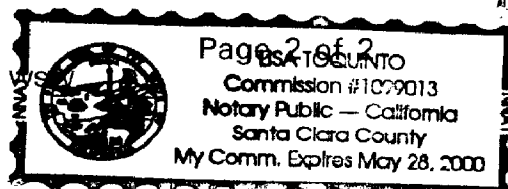
personally appeared Richard B. Tompane, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature 



Attorney Docket No.: GEMF 2041 WS
/wsw/gemf/2041.assign6



Client Ref.: -41

PATENT
REEL: 010302 FRAME: 0264

prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

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Date of Execution of Declaration for Patent Application: X 7/8/99

X [Signature]
Simon J. Field
(Inventor's Signature)

State of California

County of Santa Clara

On July 8, 1999 before me, LISA TOQUINTO
(name and title of officer)

personally appeared Simon J. Field, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature [Signature]

