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RECORDATION FORM COVER SHEET PATENTS ONLY

Docket No.: 2789.2012-005

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below

1. Name of conveying party(ies)/Execution Date(s) WILLIAM J. DALLY / 08/02/2001 RAMIN FARJAD-RAD / 08/29/2001 JOHN W. POULTON / 10/29/2001 THOMAS H. GREER III / 10/29/2001 HIOK-TIAQ NG / 08/29/2001 Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>VELIO COMMUNICATIONS, INC.</u> Internal Address: _____ Street Address: <u>2249 ZANKER ROAD</u> City: <u>SAN JOSE</u> State: <u>CA</u> Country: <u>USA</u> Zip: <u>95131</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		4. Application number(s) or patent number(s). A. Patent Application No.(s) <u>12/181,119</u> B. Patent No.(s) This document is being filed together with a new application <input type="checkbox"/> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed. Name: <u>JAMES M. SMITH, ESQ.</u> Internal Address: _____ <u>HAMILTON, BROOK, SMITH & REYNOLDS, P.C.</u> Street Address: <u>530 VIRGINIA ROAD, P.O. BOX 9133</u> City: <u>CONCORD</u> State: <u>MA</u> ZIP: <u>01742-9133</u> Phone No. <u>978-341-0036</u> Fax No. <u>978-341-0136</u> Email Address: <u>JAMES.SMITH@HBSR.COM</u>		6. Total number of applications and patents involved. <u>1</u> 7. Total Fee (37 CFR 1.21(h) & 3.41) <u>\$40</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorization to charge deposit account number 08-0380 <input type="checkbox"/> Previously submitted - Doc. ID No. [] <input checked="" type="checkbox"/> Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380	
8. <u>GIOVANNA H. FESSENDEN</u> Name of Person Signing		 Signature	
		<u>10/22/08</u> Date	
Total number of pages including cover sheet, attachments, and documents: <u>17</u>			

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PATENT
REEL: 021718 FRAME: 0794

Docket No. 2789.2012-005

1. Name of conveying party(ies)/Execution Date(s) (CONTINUED):		
TEVA J. STONE	/	08/29/2001

Docket No. 2789.2012-001JointASSIGNMENT

WHEREAS, we, **William J. Dally, Ramin Farjad-Rad, John W. Poulton, Thomas H. Greer III, Hiok-Tiaq Ng and Teva J. Stone**, have invented a certain improvement in **Phase Controlled Oscillator** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on **June 22, 2001** as Application No. **09/891,233**,
- ☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Velio Communications, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **2249 Zanker Rd., San Jose, CA 95131** 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, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application 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 rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, 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 such Letters Patent to ASSIGNEE for its own name as assignee of the 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 to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

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

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

Inventor's Signature: _____

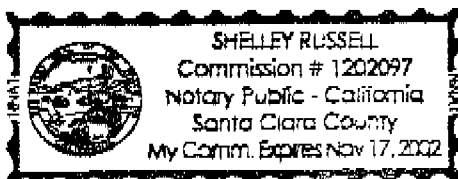
William J. Dally

State/Commonwealth _____

of CaliforniaCounty of Santa Clara

Then personally appeared before me the above-named **William J. Dally** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 2ND day of August, 2001.

(SEAL)

Shelley Russell Notary PublicShelley Russell (print name)My Commission expires 11 / 17 / 02

-3-

Inventor's Signature: _____
Ramin Farjad-Rad

State/Commonwealth
of _____
County of _____

Then personally appeared before me the above-named **Ramin Farjad-Rad** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20_____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
John W. Poulton

State/Commonwealth
of _____
County of _____

Then personally appeared before me the above-named **John W. Poulton** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20_____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

-4-

Inventor's Signature: _____
Thomas H. Greer III

State/Commonwealth
of _____
County of _____

Then personally appeared before me the above-named **Thomas H. Greer III** and
acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
_____ day of _____, 20_____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

Inventor's Signature: _____
Hiok-Tiaq Ng

State/Commonwealth
of _____
County of _____

Then personally appeared before me the above-named **Hiok-Tiaq Ng** and acknowledged that
he/she executed the foregoing instrument as his/her free act and deed this _____ day
of _____, 20_____.

(SEAL) _____ Notary Public

(print name)
My Commission expires ____/____/____

-5-

Inventor's Signature: _____
Teva J. Stone

State/Commonwealth

of _____

Country of _____

Then personally appeared before me the above-named **Teva J. Stone** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20_____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Docket No. 2789.2012-001JointASSIGNMENT

WHEREAS, we, **William J. Dally, Ramin Farjad-Rad, John W. Poulton, Thomas H. Greer III, Hiok-Tiaq Ng and Teva J. Stone**, have invented a certain improvement in **Phase Controlled Oscillator** described in an application for Letters Patent of the United States, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office,
- ☒ was filed on **June 22, 2001** as Application No. **09/891,233**;
- ☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, **Velio Communications, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware**, and having a usual place of business at **2249 Zanker Rd., San Jose, CA 95131** 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, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon, said invention, application 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 rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, 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 such Letters Patent to ASSIGNEE for its own name as assignee of the 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 to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

-2-

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

Inventor's Signature: _____

William J. Dally

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **William J. Dally** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

-3-

Inventor's Signature: _____

Ramin Farjad-Rad

State/Commonwealth

of CaliforniaCounty of Santa Clara

Then personally appeared before me the above-named **Ramin Farjad-Rad** and acknowledged that he/~~she~~ executed the foregoing instrument as his/~~her~~ free act and deed this 29th day of August, 2001.

(SEAL)



A handwritten signature of Jayanti Patel.

Notary Public

JAYANTI PATEL

(print name)

My Commission expires 12 / 18 / 2002

Inventor's Signature: _____

John W. Poulton

State/Commonwealth

of _____

County of _____

Then personally appeared before me the above-named **John W. Poulton** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

-4-

Inventor's Signature: _____

Thomas H. Greer III

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Thomas H. Greer III** and
acknowledged that he/she executed the foregoing instrument as his/her free act and deed this
_____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

Hiok-Tiaq Ng

State/Commonwealth _____

of CaliforniaCounty of Santa Clara

Then personally appeared before me the above-named **Hiok-Tiaq Ng** and acknowledged that
he/she executed the foregoing instrument as his/her free act and deed this 29th day
of August, 2001.

(SEAL)

Notary Public

(print name)

My Commission expires 12 / 15 / 2002

-5-

Inventor's Signature: _____

Teva J. Stone

State/Commonwealth

of CaliforniaCounty of Santa Clara

Then personally appeared before me the above-named **Teva J. Stone** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29th day of August, 2001.

(SEAL)

Notary Public

JAYANTI PATEL

(print name)

My Commission expires 12 / 18 / 2002

Docket No. 2789.2012-001JointASSIGNMENT

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☒ was filed on June 22, 2001 as Application No. 09/891,233;

☐ was patented under U.S. Patent No. ☐ on ☐.

WHEREAS, Velio Communications, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 2249 Zanker Rd., San Jose, CA 95131 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, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application 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 rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, 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 such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

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-2-

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

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

Inventor's Signature: _____

William J. Dally

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **William J. Dally** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

-3-

Inventor's Signature: _____

Ramin Farjad-Rad

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Ramin Farjad-Rad** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public_____
(print name)

My Commission expires ____/____/____

Inventor's Signature: _____

John W. Poulton

State/Commonwealth _____

of North CarolinaCounty of Orange

Then personally appeared before me the above-named **John W. Poulton** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29th day of October, 2001.

(SEAL)

Notary Public_____
(print name)My Commission expires 04/27/2004

PATENT

REEL: 021718 FRAME: 0808

-4-

Inventor's Signature: _____

Thomas H. Greer III

State/Commonwealth _____

of North CarolinaCounty of Orange

Then personally appeared before me the above-named **Thomas H. Greer III** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this 29th day of October, 2001.

(SEAL)

Jane W. Sturdivant Notary PublicJANE W. STURDIVANT (print name)My Commission expires 04/27/2004

Inventor's Signature: _____

Hiok-Tiaq Ng

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named **Hiok-Tiaq Ng** and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____

-5-

Inventor's Signature: _____

Teva J. Stone

State/Commonwealth _____

of _____

County of _____

Then personally appeared before me the above-named Teva J. Stone and acknowledged that he/she executed the foregoing instrument as his/her free act and deed this _____ day of _____, 20_____.

(SEAL)

Notary Public

(print name)

My Commission expires ____/____/____