

FORM PTO-1595

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(Rev. 10/02)

OMB No. 0651-0027 (exp. 6/30/2005)

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying part(ies):

- 1) Nianxiong TAN
- 2) Francis M. CASTER II
- 3) Christian Eichrodt
- 4) Brian Borrong HORNG
- 5) James J. ZHAO

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

2. Name and address of receiving party(ies)

Name: GlobespanVirata, Inc.

Street Address: 100 Schulz Drive
Red Bank, New Jersey 07701Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: August 12, 2002; November 6, 2002

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

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

A. Patent application No.(s)

10/214,341

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Daniel R. McClure
Thomas, Kayden, Horstemeyer & Risley, L.L.P.
 100 Galleria Parkway, Suite 1750
 Atlanta, Georgia 30339-5948

6. Total number of applications/patents involved: [1]

7. Total fee (37 CFR 3.41) \$ 40.00

- ☒ Enclosed
☐ Authorization to charge credit card (attached)

8. Deposit Account Number:

20-0778

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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.

Daniel R. McClure

Typed Name



Signature



Date

Docket #: 60706-1810

Total number of pages including cover sheet, attachments, and document: [8]

Mail documents to be recorded with required cover sheet information to:

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PATENT
REEL: 017500 FRAME: 0045

OP \$40.00 10214341

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(Patent Assignment)

**ASSIGNMENT
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
Nianxiong Tan	27715 Manor Hill Road, Laguna Niguel, CA 92677
Francis M. Caster II	P.O. Box 4137, Dana Point, CA 92629
Christian Eichrodt	218 Colton Street, Newport Beach, CA 92663
Brian Borrong Horng	7 Garnet, Irvine, CA 92620
James J. Zhao	2540 Reynolds Ave., Tustin, CA 92782

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

WIDE-BAND ANALOG FRONT-END FOR DSL APPLICATIONS,

which was:

- ☐ executed on even date herewith,
- ☒ filed with the United States Patent and Trademark Office (USPTO) on August 6, 2002, and assigned Serial No. 10/214,341, and
- ☒ further described in U.S. Provisional application entitled QUAD AFE for DSL CO Applications, filed with the USPTO on August 7, 2002, and assigned Serial No. 60/310,690.

Note: Only one of the first two checkboxes will be checked. The third checkbox will be checked, only if appropriate.

WHEREAS, GlobespanVirata, Inc., having a place of business at 100 Schulz Drive, Red Bank, NJ 07701, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and

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(Patent Assignment)

patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.

ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.


ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR's behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

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(Patent Assignment)



Nianxiong TanDate: 8-12-02

United States of America

State of New Jersey

County of ORANGE

On this 12th day of August, 2002, before me personally came **Nianxiong Tan** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



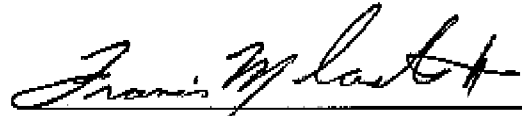
Notary PublicFebruary 16, 2005

My Commission Expires (Date)

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(Patent Assignment)



Francis M. Caster II

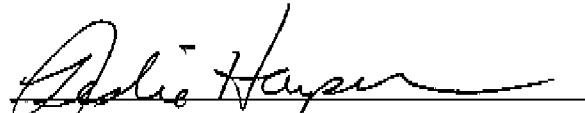
Date: August 12, 2002

United States of America

State of California

County of Orange

On this 12th day of August, 2002, before me personally came **Francis M. Caster II** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.


Notary PublicFebruary 16, 2005
My Commission Expires (Date)

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(Patent Assignment)


Christian EichrodtDate: Aug 12 - 2002

United States of America

State of California

County of Orange

On this 12th day of August, 2002, before me personally came **Christian Eichrodt** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.


Notary PublicFebruary 16, 2005
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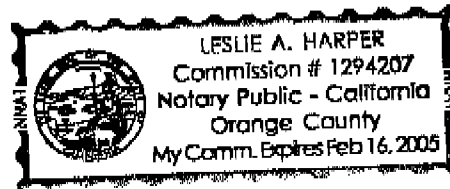
Page 6 of
(Patent Assignment)

Brian Bor-rong Horng
Brian Bor-rong Horng

Date: 8-12-2002

United States of America

State of California

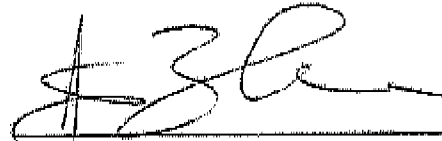
County of ORANGE

On this 12th day of August, 2002, before me personally came **Brian Bor-rong Horng** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.

Leslie A. Harper
Notary Public

February 16, 2005
My Commission Expires (Date)

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(Patent Assignment)

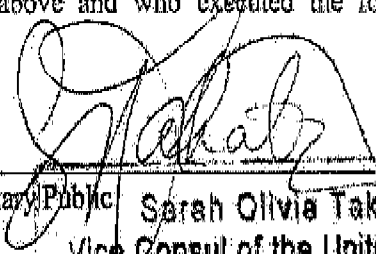

James J. Zhao

Date: 11/6/02

~~United States of America~~

~~State of California~~ ^{People's Republic of China}
~~County of~~ ^{Municipality of Shanghai} } ss:
~~United States of America~~ ^{Consulate General of the}

On this 6th day of Nov., 20 02, before me personally came James J. Zhao to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.


Notary Public Sarah Olivia Takats
Vice Consul of the United States
..... of America.....

My Commission Expires (Date)
American Consulate General
Shanghai China

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