

05-14-2001

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Patent and Trademark Office

Docket No.: 52637-0012

S-9-01



101716695

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

1. Name of Conveying Party(ies):

Shane Michael Tonissen, Efstratios Skafidas, and Andrew Logothetis

Additional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

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

Execution Date: February 28, 2000, February 28, 2000, and May 4, 2001

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

Name: Bandspeed, Inc.

Internal Address:

Street Address: 7000 West William Cannon Drive, Suite 2220

City: Austin State/Country TX ZIP: 78735

Additional name(s) & address(es) attached? ☐ Yes

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

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

A. Patent Application No(s).

09/516,715 filed March 1, 2000

B. Patent No(s).

40E

Additional numbers attached? ☐ Yes

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

Name: HICKMAN PALERMO TRUONG & BECKER

Internal Address:

Street Address: 1600 Willow Street

City: San Jose State: CA Zip: 95125-5106

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1302

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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.

Edward A. Becker, Registration No. 37,777

May 4, 2001

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

Docket No.: 52637-012

ASSIGNMENT

WHEREAS I, SHANE MICHAEL TONISSEN, EFSTRATIOS SKAFIDAS and ANDREW LOGOTHETIS, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled KALMAN FILTER BASED EQUALIZATION FOR DIGITAL MULTICARRIER COMMUNICATIONS SYSTEMS

executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____;

AND WHEREAS, BANDSPEED, INC., a corporation of the State of Delaware and having an address of 6530 W. 6th Street, Los Angeles, California 90048, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto BANDSPEED, INC., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said BANDSPEED, INC., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

28 FEB 2000
Date

Shane Tonissen
SHANE MICHAEL TONISSEN

28/2/2000
Date

EFSTRATIOS SKAFIDAS
EFSTRATIOS SKAFIDAS

2000/5/14
Date

ANDREW LOGOTHETIS
ANDREW LOGOTHETIS

PATENT

RECORDED: 05/09/2001

REEL: 011784 FRAME: 0454