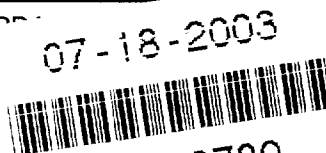


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To the Honorable Director of the United States Patent and Trademark Office



102500780

1. Name of conveying party(ies):

Jacob H. Gunther

7-9-03

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: 6/30/03

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

Name: Utah State University

Internal Address:

Street Address:

City: Logan

State: UT

ZIP: 84322

Additional name(s) & address(es) attached? ☐ Yes ☒ No

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

10616001

If this document is being filed together with a new application, the execution date of the application is: July 9, 2003

A. Patent Application No.(s)

B. Patent No.(s)

07/11/2003 LWONDIM1 00000039 10616001

03 FC:802

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: John R. Thompson

Internal Address: STOEL RIVES LLP

One Utah Center

Street Address: 201 South Main Street, Suite 1100

City: Salt Lake City State: UT ZIP: 84111

6. Total number of applications and patents involved:

1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

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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.

John R. Thompson

Name of Person Signing

Signature

July 9, 2003

Date

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

3

Stoel Rives LLP
One Utah Center
201 South Main Street, Suite 1100
Salt Lake City, Utah 84111

ASSIGNMENT

I, JACOB H. GUNTHER of 725 East 2160 North, North Logan, Utah 84341, have invented the inventions described in a United States Application Serial No. _____, entitled ECHO CANCELLATION FILTER, filed on _____, in the United States Patent and Trademark Office. (We hereby authorize the attorneys of Stoel Rives LLP to insert said serial number and filing date when known.)

The Assignee, Utah State University, of Logan, Utah 84322, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge,

I HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said inventions in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

I hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

I hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 30 day of June, 2003.



JACOB H. GUNTHER

725 East 2160 North

North Logan, Utah 84341