· · · 01_00	Docket No.: 51764/12
O1-28- FORM PTO-1595 (Modified) (Rev. 03-01) DMB No. 0651-0027 (exp.5/31/2002) P08/REV03	Patent and Trademark Office
Tab settings → → → ▼         ▼         1026557	
	ce: Please recoru me attached original documents or copy thereof.
1. Name of conveying party(ies): $1 \cdot 16 \cdot 04$ Jacob H. Gunther $1 \cdot 16 \cdot 04$	2. Name and address of receiving party(ies):         Name:       Utah State University
	Internal Address:
Additional names(s) of conveying party(ies)	723
3. Nature of conveyance:	
Assignment  G Merger	Street Address:
Security Agreement     Change of Name	
Other	City: Logan State: UT ZIP: 84322
Execution Date: 1/6/04	Additional name(s) & address(es) attached? 🔲 Yes 🛛 No
01/22/2004 SSESHE1 00000020 10759626 01 FC:8021 40.00 0P	
Additional numbers atta	iched? 🗋 Yes 🖾 No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: John R. Thompson	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: STOEL RIVES LLP	<ul> <li>Enclosed - Any excess or insufficiency should be credited or debited to deposit account</li> </ul>
One Utah Center	Authorized to be charged to deposit account
Street Address: 201 South Main Street, Suite 1100	8. Deposit account number:
	502375
City: Salt Lake City State: UT ZIP: 84111	(Attach duplicate copy of this page if paying by deposit account)
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	nation is true and correct and any attached copy is a true copy
of the original document. John R. Thompson	R Thomas January 6, 2004
Name of Person Signing Total number of pages including cover s	Signature 3 Date
Mail documents to be recorded with	Ith required cover sheet information to: ent Recordation Services ark Office, P.O. Box 1450, Alexandria, VA 22313-1450 PATENT

REEL: 014911 FRAME: 0759

#### WHEN RECORDED RETURN TO:

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-inpart 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 6 day of January, 2003

JACOB H. GUNTHER 725 East 2160 North North Logan, Utah 84341

## PATENT REEL: 014911 FRAME: 0761

# RECORDED: 01/16/2004