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To the Director of the U.S. Patent a 10338	od 17 locuments or the new address(es) below.
1. Name of conveying party(ies)	4 /   4 /
OLIVER J. KRAHN JON E. KING	Name: SPECTRALINK CORPORATION
JON E. NING	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes V No	
3. Nature of conveyance/Execution Date(s):	Street Address: 5755 CENTRAL AVENUE
Execution Date(s) 10/17/2006	
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Security Agreement	City: BOULDER
Joint Research Agreement	State: SO
Government Interest Assignment	Country: USA Zip:80301
Executive Order 9424, Confirmatory License	Country: USA Zip: 80301
Other	Additional name(s) & address(es) attached?  Yes  No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/591,645	
Additional numbers att	
5. Name and address to whom correspondence	6. Total number of applications and patents
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5. Name and address to whom correspondence	6. Total number of applications and patents
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: ONE
5. Name and address to whom correspondence concerning document should be mailed:  Name: ROBERT C. SCHULER	6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 1.21(h) & 3.41) \$
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5. Name and address to whom correspondence concerning document should be mailed:  Name:ROBERT C. SCHULER  Internal Address:  Street Address: 45 GROTON ROAD  City: SHIRLEY	6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 1.21(h) & 3.41) \$
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5. Name and address to whom correspondence concerning document should be mailed:  Name: ROBERT C. SCHULER  Internal Address:  Street Address: 45 GROTON ROAD  City: SHIRLEY  State: MA  Zip:01464	6. Total number of applications and patents involved: _ONE  7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed  ✓ None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number
5. Name and address to whom correspondence concerning document should be mailed:  Name:ROBERT C. SCHULER  Internal Address:  Street Address: 45 GROTON ROAD  City: SHIRLEY  State: MA Zip:01464  Phone Number: 978-448-3868	6. Total number of applications and patents involved: ONE  7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date
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Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**PATENT** 

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Form PTG 1595 (Rev. 07/05) 5 OMB No. 8051-0027 (et 3/30/2008 - 02-12-2	U.S. DEPARTMENT OF COMMERCE United States Rates fail Takemark Office	
	HEET -9 AM ID: 32	
To the Director of the U.S. Pate 103371	ned documents of the few addiess(es) below.	
1. Name of conveying party(ies) OLIVER J. KRAHN JON E. KING	2. Name and address of receiving party(ies) Name: SPECTRALINK CORPORATION Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes V N		
3. Nature of conveyance/Execution Date(s):  Execution Date(s)	Street Address: 5755 CENTRAL AVENUE	
→ Assignment	City: BOULDER	
Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	State: COLORADO  Country: USA Zip: 80301	
Other	Additional name(s) & address(es) attached? Yes V No	
A. Patent Application No.(s)  11/591,645	B. Patent No.(s)	
5. Name and address to whom correspondence	attached?	
concerning document should be mailed:	involved: ONE	
Name:ROBERT C. SCHULER  Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account	
Street Address: 45 GROTON ROAD	Enclosed  None required (government interest not affecting title)	
City: SHIRLEY	8. Payment Information	
State: MA Zip:01464	a. Credit Card Last 4 Numbers Expiration Date	
Phone Number: 978-448-3868  Fax Number: 978-448-3585	b. Deposit Account Number	
Email Address: RCSCHULE@EARTHLINK.NET	Authorized User Name	
9. Signature: 02/09/2007 DBYRNE 00000097 11591645 Signature 40.00 DP	02.06.2007 Date	
01 FC:8021 40.00 ROBERT C. SCHULER Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:	

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PATENT REEL: 019001 FRAME: 0669 11/591,645

Sheet 1 of 2

## **Assignment**

Superior W Whereas, we, Oliver J. Krahn residing in Westminster, Colorado and Jon E. King residing in Firestone, Colorado hereinafter referred to at the applicants, have invented certain new and useful improvements in an "Method for Actively Synchronizing U-APSD Periods" for which an application for a United States Patent was executed on x 10/17/200C, and Whereas, SpectraLink Corporation of Boulder Colorado here referred to as "assignee", whose mailing address is 5755 Central Avenue, Boulder, CO. 80301 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, for valuable consideration furnished by SpectraLink to us, receipt and sufficiency of which we hereby acknowledge, we, the applicants, by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would be been held by us had this assignment and sale not been made.

Executed this 17 th day of 1 October 2006

At 15755 Central Ave. Boulder CO 80301

Signature

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Sheet 2 of 2

## **Assignment**

<b>K</b>	Jon 5.73
	Signature
	Signature
	Signature

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**RECORDED: 02/09/2007**