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OMP No 0054 0044 / 4/04   11/18 / 12/062		2-2002	ET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
Tab settings □ □ □ ▼ 3				<b>* *</b>
To the Honorable Commissioner of Patents		41146	original	documents or copy thereof.
1. Name of conveying party(ies): Yimin Zhang Bogdan Kosanovic		Name and address     Name: <u>Te1</u>	ogy N	ceiving party(ies)
Additional name(s) of conveying party(ies) attached? 🔾 Yes 🚨 No				
3. Nature of conveyance:			<del></del>	
XX Assignment ☐ Merge	er }	Street Address: 20450 Century Boulevard		
☐ Security Agreement ☐ Chang	☐ Security Agreement ☐ Change of Name			
☐ Other	City: Germantown State: MD ZIP: 20874			
Execution Date: June 12, 2002		Additional name(s) &	& address(	es) attached? ☐ YesXX No
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:N/A				
A. Patent Application No.(s)		B. Patent No.(s	)	
10/171,754		N/A		
Additional numbers attached? ☐ Yes 🖔 No				
Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved:		
Name: Warren Franz		7. Total fee (37 CFR 3.41)		
Internal Address: Texas Instruments Inc.		☐ Enclosed		
		☐ Authorized to	be char	ged to deposit account
Street Address: P.O. Box 655474  MS 3999		8. Deposit account 20-0668	number:	
City: Dallas State: TX ZIP:	75265		by of this p	age if paying by deposit account)
701/2002 DETIME 00000104 200668 101/1/54 DO NOT USE THIS SPACE				
FC:581 40.00 CH	<del></del>			· · · · · · · · · · · · · · · · · · ·
9. Statement and signature.  To the best of my knowledge and belief, the foresthe original document.	going informa	tion is true and correc	t and ang	v attached copy is a true copy of 26 Jvne 02
Paul Grandinetti Name of Person Signing Total number of pa		Signature over sheet, attachments, ar	nd docume	Date

## **ASSIGNMENT**

AS THE BELOW-NAMED INVENTORS, we declare that:

In consideration of the sum of TEN DOLLARS (\$10.00) or the equivalent thereof, and other good and valuable consideration, receipt of which from the Assignee is acknowledged, we do sell, assign, and forever grant and convey unto:

ASSIGNEE: Telogy Networks, Inc.

20450 Century Boulevard Germantown, Maryland 20874

our Assignee, and to the successors and assigns of our Assignee, all our rights, title, and interest in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

## TITLE: ECHO ANALYSIS FOR IDENTIFICATION OF HYBRID INDUCED ECHO IN A COMMUNICATION LINK

invented by us and described in an application for a United States patent, the specification of which was filed on <a href="United States"><u>June</u></a> 17, 2002 and received Serial Number 10/171,754 and was executed on even date herewith, and in and to all United States patents which may be granted thereon and therefor, and in and to all divisions, continuations, reissued and reexamined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by our Assignee, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment, sale, and conveyance had not been made;

And we covenant and agree to sign and execute any further documents or instruments which may from time to time be either necessary, lawful, proper, or requested by the Assignee in the prosecution of the above-named application or in the preparation and prosecution of any division, continuation, continuation-in-part, reissue, re-examination, amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title in said Assignee;

And we do authorize and request the Commissioner of Patent and Trademarks to issue said Patent or Patents to the Assignee, and we authorize, appoint and request our attorney of record to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, we have set our hand and seal on the date written beside our name:

 $\frac{6/60/62}{\text{Date}}$ 

Yimin Zhang

18620 Broken Oak Road Boyds, Maryland 20841

6/12/02

RECORDED: 06/26/2002

Date

Bogdan Kosanovic

5411 Glenwood Road

Bethesda, Maryland 20817

PATENT REEL: 013030 FRAME: 0990