

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**

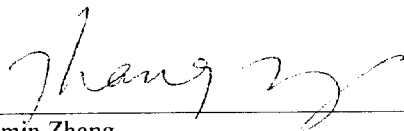
invented by us and described in an application for a United States patent, the specification of which was filed on June 17, 2002 and received Serial Number 10/171,754 and was executed on even date herewith, and in and to all United States patents which may be granted thereon and therefor, and in and to all divisions, continuations, reissued and re-examined 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;

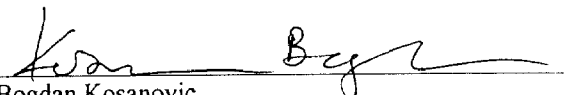
And we do authorize and request the Commissioner of Patent and Trademarks to issue said Patent or Patents to the Assignee, and we authorize, appoint and request our attorney of record to insert on this Assignment any further identification or to complete such identification which may be either necessary 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:

6/10/02
 Date


 Yimin Zhang
 18620 Broken Oak Road
 Boyds, Maryland 20841

6/12/02
 Date


 Bogdan Kosanovic
 5411 Glenwood Road
 Bethesda, Maryland 20817