1-31 TO 12-24-98 RECORDATION FO 01-04-	PRINT COVER SHEET  U.S. DEPARTMENT OF COMMERC.: Patent and Trademark Office
Tab settings ⇒ ⇒ ▼ ▼	######################################
To the Honorable Commissioner of Pat	ttached original documents or copy thereof.
1. Name of conveying party(les): 100932	998 Idress of receiving party(ies):
Selim Shlomo Rakib	Name: Terayon Communication Systems
Yehuda Azenkot	Internal Address:
	mondi Acoress.
Additional name(s) of conveying party(les) attached?   Yes No	
3. Nature of conveyance:	
■ Assignment □ Merger	Street Address: 2952 Bunker Hill Lane
☐ Security Agreement ☐ Change of Name	
C Other	City: Santa Clara State: CA ZIP: 95054
Execution Date: September 29, 1998	Additional name(s) & address(es) attached?  Yes No
Application number(s) or patent number(s):	01
If this document is being filed together with a new application, th	e execution date of the application is:
	P. Potent No. (a)
A. Patent Application No.(s)	B. Patent No.(s)
09/156,560 Filed 09/17/98	$\epsilon_{ m E} = \omega$
	07
Additional numbers atta	shad2 🗆 Vaa - 🗖 Na
	SHOT CLIES CHINO
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1
Name: Ronald Craig Fish	
Internal Address: FALK & FISH, 11p	7. Total fee (37 CFR 3.41):\$ 40.00
	■ Enclosed -Any excess or insufficiency
	should be credited or debited from Deposit
	Authorized to be charged to deposit account Account
Street Address: P.O. Box 2258	8. Deposit account number: 06-0932
City: Morgan Hill State: CA ZIP: 95038	(Attach duplicate copy of this page if paying by deposit account
2/29/1998 DHGUYEN 00000201 09156560	INIS SPACE
FC:581 40.00 GP	
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform of the original document.	nation is true and correct and any attached copy is a true copy
Ilene L. Fish	12/20 95
Name of Person Signing	Signature Date
	Total number of page poamplising pover sheet:

REEL: 9667 FRAME: 0534

## **ASSIGNMENT**

WHEREAS, */(We), <u>SELIM SHLOMO RAKIB</u> , a citizen of <u>ISRAEL</u> , residing at <u>10271 WEST ACRES</u> , <u>CUPERTINO</u> , <u>CALIFORNIA 95014</u> , <u>U.S.A.</u> , and <u>YEHUDA AZENKOT</u> , a citizen of <u>ISRAEL</u> residing at <u>19400 SORENSON AVENUE</u> , #128, <u>CUPERTINO</u> , <u>CALIFORNIA 95014</u> , <u>U.S.A.</u> have invented a(n) <u>APPARATUS AND METHOD FOR SCDMA DIGITAL DATA TRANSMISSION USING ORTHOGONAL CODES AND A HEAD END MODEM WITH NO TRACKING LOOPS for which */(We) have executed application papers for a U.S. patent application thereon on; */(We) hereby authorize and request our attorney, Ronald Craig Fish of Falk &amp; Fish, Ilp, P.O. Box, Morgan Hill, California 95038 to insert here in parentheses (Application Number: <u>09/156,560</u>, Filed <u>09/17/98</u>) the filing date and application number of said application when known; and</u>
WHEREAS, TERAYON COMMUNICATION SYSTEMS, a CALIFORNIA CORPORATION,
having a place of business at <u>2952 Bunker Hill Lane</u> , <u>Santa Clara</u> , <u>California 95054</u> , is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and all countries foreign thereto;
NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby
acknowledged, I (We), <u>SELIM SHLOMO RAKIB</u> and <u>YEHUDA AZENKOT</u> , do hereby sell, assign, transfer and set over unto the said <u>TERAYON COMMUNICATION SYSTEMS</u> , its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all Letters Patent to be granted and issued therefor and any and all divisions, reissues, and continuation applications thereof, not only for the United States of America, its territories and possessions, but also for all other countries including all priority rights under the International Convention; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I (We) agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said <u>TERAYON COMMUNICATION SYSTEMS</u> , its successors and assigns, in accordance with this Assignment. I (We) declare that we understand the content of the patent application which is the subject of this assignment. I (We) declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.
WITNESS MY HAND AT Tevanon Comm. Systems, this 25th day of Sectember, 1998.
Jel 7-c Yelmbe Azerled
Signature of Inventor 1 Signature of Inventor 2

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Santa Clave )	
California)	
On this <u>29*</u> day of <u>Sertember</u> , 1998, before me, a Notary Public, duly commissioned and sworn, personally appeared SELIM SHLOMO RAKIB and YEHUDA AZENKOT, who is known to me to be the person whose nared	ed
is subscribed to in the within instrument and acknowledged to me that he executed the same.	
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official set in the day and year first above written.	eal
NOTARY PUBLIC	
Victoria Lawson Comm. #1159568	

**RECORDED: 12/24/1998** 

PATENT REEL: 9667 FRAME: 0536