

10-23-2001

U.S. Department of Commerce
Patent and Trademark Office



101881855

Our Ref.: 233-98

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Shlomo RUSCHIN Eyal SHEKEL Michael RUDMAN</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: September 9, September 11 and September 7, 2001</p>		<p>2. Name and address of receiving party(ies): Name: CHIARO NETWORKS LTD. Internal Address: Street Address: 5 Nahum Hefzadi Street City: Jerusalem State/Country: Israel Zip:</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>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:</p> <table border="0"><tr><td>A. Patent Application No(s). (1) 09/896,119 (2) (3)</td><td>B. Patent No(s). (1) (2) (3)</td></tr></table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s). (1) 09/896,119 (2) (3)	B. Patent No(s). (1) (2) (3)	
A. Patent Application No(s). (1) 09/896,119 (2) (3)	B. Patent No(s). (1) (2) (3)			
<p>5. Name and address of party to whom correspondence concerning document should be mailed: Name: Larry S. Nixon Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8th Floor City: Arlington State: VA Zip: 22201</p>	<p>6. Total number of applications & patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>			
<p>DO NOT USE THIS SPACE</p>				
<p>9. Statements and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <table border="0"><tr><td>Larry S. Nixon Name of Person Signing Reg. No. 25,640</td><td> Signature</td><td>October 16, 2001 Date</td></tr></table> <p>Total number of pages including original cover sheet, attachments, and document: [5]</p>		Larry S. Nixon Name of Person Signing Reg. No. 25,640	 Signature	October 16, 2001 Date
Larry S. Nixon Name of Person Signing Reg. No. 25,640	 Signature	October 16, 2001 Date		

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UNITED STATES

ASSIGNMENT

WHEREAS, the below named inventors, ASSIGNORS, have made a certain new and useful invention in:

**SPATIAL MULTIPLEXING OF DEFLECTOR UNITS
USING POLARIZATION DIVERSITY**

for which a patent application was filed on **July 2, 2001** under serial number **09/896,119**

and WHEREAS, **CHIARO NETWORKS LTD.**, an Israel company having a place of business at **5 Nahum Hefzadi Street, Jerusalem, Israel**, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the said United States application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to the issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

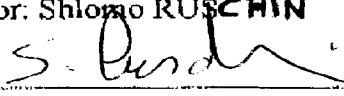
AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and have not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNORS further covenant and agree that they will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

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UNITED STATES
ASSIGNMENT

Full Name of first inventor: Shlomo RUSCHIN

Inventor's signature Date 9.9.01

Residence: Herzlia, Israel

Citizenship: Israel & Chile

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Full name of second joint inventor: Eyal SHEKEL

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Full name of third joint inventor: Michael RUDMAN

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Full name of third joint inventor: Michael RUDMAN

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