

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2603084

SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	MERGER				
EFFECTIVE DATE:	06/04/2013				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>RED-C OPTICAL NETWORKS LTD.</td> <td>06/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	RED-C OPTICAL NETWORKS LTD.	06/04/2013
Name	Execution Date				
RED-C OPTICAL NETWORKS LTD.	06/04/2013				
RECEIVING PARTY DATA					
Name:	FINISAR ISRAEL LTD.				
Street Address:	3 GOLDA MEIR				
City:	NES ZIONA				
State/Country:	ISRAEL				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12946899</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12946899
Property Type	Number				
Application Number:	12946899				
CORRESPONDENCE DATA					
Fax Number:					
Email:	info@natpatent.com				
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>					
Correspondent Name:	MENACHEM NATHAN				
Address Line 1:	P.O.BOX 10178				
Address Line 4:	TEL AVIV, ISRAEL 6110101				
ATTORNEY DOCKET NUMBER:	REDC-005 US-1				
NAME OF SUBMITTER:	MENACHEM NATHAN				
Signature:	/MN/				
Date:	11/05/2013				
<p>Total Attachments: 6 source=REDC-005 US-1 Assignment_005#page1.tif</p>					

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

URI GHERA, ALEX SHLIFER, DANIEL BERGER, MARK ZAACKS AND DAVID MENASHE

(hereinafter called the "assignor(s)"), hereby sell(s), assign(s) and transfer(s) to:

RED-C OPTICAL NETWORKS LTD
Atidim Tech. Park Bldg 3
P.O.Box 58101
Tel-Aviv 61580

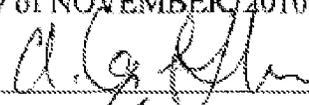
(hereinafter called the "assignee(s)"), its/his successors, assignees, nominees, or other legal representatives, the assignor's entire right, title and interest in and to the invention entitled:

AUTOMATIC GAIN MEASUREMENT AND CONTROL OF DISTRIBUTED RAMAN AMPLIFIERS

described and claimed in the following patent applications: U.S. Patent Application identified as Attorney docket No. REDC-005 US-1 ~~and executed the same date as this assignment;~~

and in and to said Patent Applications, and all original and reissued Patents granted therefor, and all divisions and continuations thereof, including the right to apply and obtain Patents in all other countries, the priority rights under International Conventions, and the Letters Patent which may be granted thereon.

Signed and sealed this 16 day of NOVEMBER, 2010

URI GHERA /UG/ 
ALEX SHLIFER /AS/ 
DANIEL BERGER /DB/ 
MARK ZAACKS /MZ/ 
DAVID MENASHE /DM/ 

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UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR 1.53(b))</i>	Attorney Docket No.	REDC-005 US-1
	First Named Inventor	Mark Zaacks
	Title	METHOD AND APPARATUS OF DETECTING AN OPENING IN AN OPTICAL TRANS
	Express Mail Label No.	

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450
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<p>1. <input type="checkbox"/> Fee Transmittal Form (PTO/SB/17 or equivalent)</p> <p>2. <input type="checkbox"/> Applicant asserts small entity status. See 37 CFR 1.27</p> <p>3. <input type="checkbox"/> Applicant certifies micro entity status. See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.</p> <p>4. <input type="checkbox"/> Specification [Total Pages _____] Both the claims and abstract must start on a new page. (See MPEP § 608.01(a) for information on the preferred arrangement)</p> <p>5. <input type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets _____]</p> <p>6. Inventor's Oath or Declaration [Total Pages _____] (including substitute statements under 37 CFR 1.64 and assignments serving as an oath or declaration under 37 CFR 1.63(e))</p> <p>a. <input type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> A copy from a prior application (37 CFR 1.63(d))</p> <p>7. <input type="checkbox"/> Application Data Sheet * See note below. See 37 CFR 1.76 (PTO/AIA/14 or equivalent)</p> <p>8. CD-ROM or CD-R in duplicate, large table, or Computer Program (Appendix)</p> <p><input type="checkbox"/> Landscape Table on CD</p> <p>9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, items a. - c. are required)</p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. <input type="checkbox"/> Specification Sequence Listing on:</p> <p>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</p> <p>ii. <input type="checkbox"/> Paper</p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p>	<p style="text-align: center;">ACCOMPANYING APPLICATION PAPERS</p> <p>10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) Name of Assignee _____</p> <p>11. <input type="checkbox"/> 37 CFR 3.73(c) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)</p> <p>12. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>13. <input type="checkbox"/> Information Disclosure Statement (PTO/SB/08 or PTO-1449) <input type="checkbox"/> Copies of citations attached</p> <p>14. <input type="checkbox"/> Preliminary Amendment</p> <p>15. <input type="checkbox"/> Return Receipt Postcard (MPEP § 503) (Should be specifically itemized)</p> <p>16. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)</p> <p>17. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or equivalent.</p> <p>18. <input checked="" type="checkbox"/> Other: Certificate of merger Transfer of ownership by merger _____ _____ _____</p>
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*Note: (1) Benefit claims under 37 CFR 1.78 and foreign priority claims under 1.55 must be included in an Application Data Sheet (ADS).
(2) For applications filed under 35 U.S.C. 111, the application must contain an ADS specifying the applicant if the applicant is an assignee, person to whom the inventor is under an obligation to assign, or person who otherwise shows sufficient proprietary interest in the matter. See 37 CFR 1.46(b).

19. CORRESPONDENCE ADDRESS				
<input checked="" type="checkbox"/> The address associated with Customer Number: 92342		<input type="checkbox"/> Correspondence address below		
Name				
Address				
City	State	Zip Code		
Country	Telephone	Email		

Signature	/MN/	Date	11-05-2013
Name (Print/Type)	MENACHEM NATHAN	Registration No. (Attorney/Agent)	65392

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

No.18-13

מס' 18-13

Form No. 6

טופס מס' 6

**CERTIFICATION OF
TRANSLATION**

אישור תרגום

I, the undersigned Prof. Joseph Gross Notary at Tel-Aviv Jaffa hereby declare that I am well acquainted with the Hebrew and English languages and that the attached document marked 1 is a correct English translation of the document, drawn up in the Hebrew language which has been produced to me and attached and marked 2.

אני הח"מ פרופ' יוסף גרוס נוטריון בתל-אביב יפו מצהיר, כי אני שולט היטב בשפות העברית והאנגלית וכי המסמך המצורף והמסומן במספר 1 הוא תרגום מדויק באנגלית של המסמך, הערוך בשפה העברית שהוצג לפני ושהעתקו מצורף ומסומן במספר 2.

In witness whereof I certify the correctness of the said translation and the copy by my signature and seal.

ולראיה אני מאשר את דיוק התרגום ונכונות ההעתק הנ"ל בחתימת ידי ובחותמי.

This day **August 25, 2013.**

היום **25 באוגוסט, 2013.**

NIS 241 fees paid.

שולם שכר בסך 241 ₪.

Signature

חתימה

Notary's Seal

חותם הנוטריון





THE STATE OF ISRAEL
MINISTRY OF JUSTICE – CORPORATION AUTHORITY
REGISTRAR OF COMPANIES AND PARTNERSHIPS



CERTIFICATE OF MERGER

This is to certify that

FINISAR ISRAEL LTD.

Company No. 513014332

Merged with the target company

RED C OPTICAL NETWORKS LTD.

Company No. 512738709

And that the target company is dissolved following the merger as of:

June 4, 2013
26th of the month of Sivan, 5773

Given at Jerusalem on:
June 4, 2013
26th of the month of Sivan, 5773

(Signature)
Lina Salem, Adv.
Corporation Authority
Registrar of Companies and Partnerships





מדינת ישראל

משרד המשפטים - רשות התאגידים

רשם החברות והשותפויות



תעודת מיזוג חברה

וזאת לתעודה כי החברה

פיניסאר ישראל בע"מ

FINISAR ISRAEL LTD

שמספרה 513014332

קלטה את חברת היעד

רד סי אופטיקל נטוורקס בע"מ

RED C OPTICAL NETWORKS LTD.

שמספרה 512738709

ושחברת היעד מחוסלת עקב מיזוג מתאריך:

04/06/2013

כ"ו סיוון תשע"ג

ניתנה בירושלים ביום:

04/06/2013

כ"ז סיוון תשע"ג



[Handwritten Signature]
לגא סאלס, עו"ד
רשות התאגידים
רשם החברות והשותפויות