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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231 Original documents or copy thereof.

1. Name of conveying party(ies):

Andrey KOZYREV  
Louise SENGUPTA  
Yongfei ZHU

2-28-02

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other Corrective document submission for assignment recorded at Reel/Frame 011718/0624.

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: PARATEK MICROWAVE, INC.

Internal Address: \_\_\_\_\_

Street Address: 6935 Oakland Mills Road

Suite N

City: Columbia State: MD Zip: 21045

Additional name(s) & address(es) attached?  Yes  No

OFFICE OF PUBLIC RELATIONS  
2001 FEB 28 PM 2:10  
FINANCE SECTION

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: \_\_\_\_\_

A. Patent Application No.(s)

09/644,019

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robert P. LENART

Internal Address: Pietragallo, Bosick & Gordon

Street Address: One Oxford Centre, 38th Floor

301 Grant Street

City: Pittsburgh State: PA Zip: 15219

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

500859

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement 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.

Robert P. LENART

Name of Person Signing

Robert P. Lenart  
Signature

Feb. 15, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 9

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

03/21/2002 AAHMED1 00000232 500859 09644019  
01 FC:581 40.00 CH

09/644,019

283014-00008-1

## ASSIGNMENT

WHEREAS, WE, **ANDREY KOZYREV**, residing at vyborgskaya naberezhnaya 69/3, Apt. 101, St. Petersburg, 197342, a citizen of Russia; **LOUISE SENGUPTA**, residing at 12 New Haven Boulevard, Warwick, Maryland 21912, a citizen of the United States of America; and **YOUNGFEI ZHU**, residing at 5275 Rivendell Lane, Suite 6, Columbia, Maryland 21044, a citizen of China; respectively, have invented certain improvements in: **VOLTAGE TUNABLE COPLANAR PHASE SHIFTERS** which is described in United States Patent Application Serial No. 09/644,019 which was filed on August 22, 2000; and

WHEREAS, **PARATEK MICROWAVE, INC.**, a corporation organized and existing under the laws of the State of <sup>Delaware RP 2</sup>~~Maryland~~, having its principal place of business at 6935 Oakland Mills Road, Suite N, Columbia, MD 21045, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Executed on this 7<sup>th</sup> day of February, 2001

\_\_\_\_\_  
ANDREY KOZYREV

*Andre Kozyrev*

\_\_\_\_\_  
LOUISE SENGUPTA

*Louise Sengupta*

\_\_\_\_\_  
YOUNGFEI ZHU

State of Maryland :  
County of Howard : ss.

Before me, a Notary Public in and for the said County and State, personally appeared **ANDREY KOZYREV, LOUISE SENGUPTA** and **YOUNGFEI ZHU** who acknowledged that they are the persons who executed the foregoing assignment and acknowledged it to be their free and voluntary act and deed.

Witness my hand and notarial seal this 7<sup>th</sup> day of February, 2001.

*Deborah M. Cowling*  
Notary Public

(NOTARIAL SEAL)

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Executed on this 27<sup>th</sup> day of February, 2001

X [Signature]  
ANDREY KOZYREV  
[Signature]  
LOUISE SENGUPTA  
[Signature]  
YOUNGFEI ZHU

State of Maryland :  
County of Howard : ss.

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WHEREAS, **PARATEK MICROWAVE, INC.**, a corporation organized and existing under the laws of the State of Maryland, having its principal place of business at 6935 Oakland Mills Road, Suite N, Columbia, MD 21045, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of One (\$1.00) Dollar and other good and valuable consideration paid to us by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country and the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

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Executed on this 7<sup>th</sup> day of February, 2001

\_\_\_\_\_  
ANDREY KOZYREV

Louise Sengupta   
\_\_\_\_\_  
LOUISE SENGUPTA

Youngfei Zhu   
\_\_\_\_\_  
YOUNGFEI ZHU

State of Maryland :  
County of Howard : ss.

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Deborah M. Cowling   
Notary Public

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