

**MD**  
**1-3-00**

**01-19-2000**

REC



ATTORNEY DOCKET NO: 283014-00005

**101245783**

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

1. Name of conveying party(ies):

LOUISE SENGUPTA  
STEVEN C. STOWELL  
YONGFEI ZHU  
SOMNATH SENGUPTA  
LUNA H. CHIU  
XUBAI ZHANG  
ANDREY KOZYREV

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

2. Name and address of receiving party(ies):

Name: **PARATEK MICROWAVE, INC.**  
Internal Address:  
Street Address: **6935-N Oakland Mills Road**  
City: **COLUMBIA** State: **MARYLAND** Zip: **21045**

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: **October 22, 30, 1999 and November 12, 1999**

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): 09/419,126

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **ECKERT SEAMANS CHERIN & MELLOTT, LLC**  
Internal Address: **ROBERT P. LENART**  
Street Address: **600 GRANT ST., 44<sup>TH</sup> FLOOR**  
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: 02-2556

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

01/18/2000 DNGUYEN 00000274 022556 09419126

01 FC 581 **40.00 CH**

DO NOT USE THIS SPACE

9. Statement and Signature.

*To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.*

Robert P. Lenart  
Name of Person Signing  
Registration No. 30.654

Robert P. Lenart  
Signature

December 30, 1999  
Date

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

**7**

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, DC 20231

## ASSIGNMENT

WHEREAS, WE **LUNA H. CHIU, YONGFEI ZHU, XUBAI ZHANG, STEVEN C. STOWELL, ANDREY KOZYREV, SOMNATH SENGUPTA** and **LOUISE SENGUPTA** of **3929 Bush Court, Abingdon** in the County of **Harford**, State of **Maryland 21009**; of **5275 Rivendell Lane, Suite 6, Columbia**, in the County of **Howard**, State of **Maryland 21044**; of **5275 Rivendell Lane, Suite 6, Columbia**, in the County of **Howard**, State of **Maryland 21044**; of **9525 Wandering Way, Columbia**, in the County of **Howard**, State of **Maryland 21045**; of **Vyborgskaya naberezhnaya, St. Petersburg**, Country of **Russia 197342**; of **12 New Haven Blvd., Warwick**, in the County of **Cecil**, State of **Maryland 21912**; of **12 New Haven Blvd., Warwick**, in the County of **Cecil**, State of **Maryland 21912**, respectively, have invented certain improvements in: **PLANAR VARACTORS AND TUNABLE DEVICES CONSTRUCTED THEREOF**, for which we are about to make application for Letters Patent of the United States; and

WHEREAS, **PARATEK MICROWAVE, INC.**, a corporation organized and existing under the laws of the State of Maryland, having its principal place of business at 1202 Technology Drive, Suite C, Aberdeen, Maryland 21001, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, **LUNA H. CHIU, YONGFEI ZHU, XUBAI ZHANG, STEVEN C. STOWELL, ANDREY KOZYREV, SOMNATH SENGUPTA** and **LOUISE SENGUPTA**, by these presents do sell, assign, and transfer unto said **PARATEK MICROWAVE, INC.**, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the 22nd day of October, 1999; the 22nd day of October, 1999; the 22nd day of October, 1999; the 12th day of November, 1999; the 30th day of October, 1999; the 22nd day of October, 1999; and the 22nd day of October, 1999;

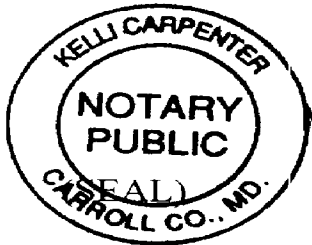
respectively, said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said **PARATEK MICROWAVE, INC.**, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for Letters Patent of the United States of America and all foreign countries or, for litigation regarding, or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of our assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to **PARATEK MICROWAVE, INC.**, as assignee thereof.

Luna H. Chiu  
**LUNA H. CHIU**

STATE OF MARYLAND                    )  
  ) SS:  
COUNTY OF HARFORD                )

On this 22 day of October, 1999, before me personally appeared **LUNA H. CHIU** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

[Signature]  
Notary Public



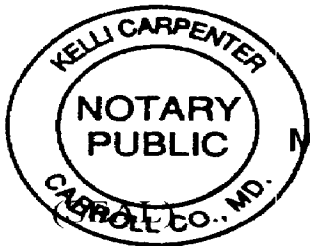
My Commission Expires: 9/29/2003

*Yongfei Zhu*

**YONGFEI ZHU**

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF HOWARD )

On this 22 day of October, 1999, before me personally appeared **YONGFEI ZHU** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



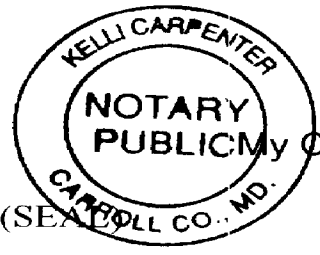
*[Signature]*  
\_\_\_\_\_  
Notary Public

My Commission Expires: 9/29/2003

*[Signature]*  
\_\_\_\_\_  
**XUBAI ZHANG**

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF HOWARD )

On this 22 day of October, 1999, before me personally appeared **XUBAI ZHANG** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.



*[Signature]*  
\_\_\_\_\_  
Notary Public

My Commission Expires: 9/29/2003

STEVEN C. STOWELL

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF HOWARD )

On this \_\_\_ day of \_\_\_\_\_, 19\_\_, before me personally appeared **STEVEN C. STOWELL** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public

My Commission Expires: \_\_\_\_\_

(SEAL)

*Victoria Andreeva*  
WITNESS *SPB.*

*Andrey Kozyrev*  
**ANDREY KOZYREV**

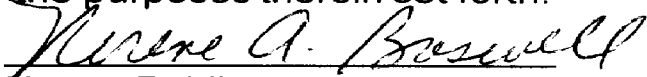
Date: *10/30/99*

Date: *10/30/99*

  
\_\_\_\_\_  
STEVEN C. STOWELL

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF HOWARD )

On this 12 day of NOVEMBER, 1999, before me personally appeared STEVEN C. STOWELL to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

  
\_\_\_\_\_  
Notary Public

My Commission Expires: 11/01/03

(SEAL)

\_\_\_\_\_  
WITNESS

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

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

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

Somnath Sengupta  
SOMNATH SENGUPTA

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF CECIL )

On this 22 day of October, 1999, before me personally appeared **SOMNATH SENGUPTA** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

[Signature]  
Notary Public



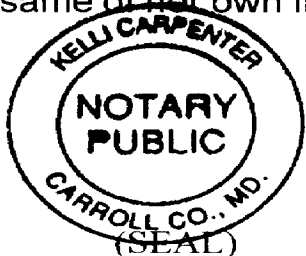
My Commission Expires: 9/29/2003

Louise Sengupta  
LOUISE SENGUPTA

STATE OF MARYLAND )  
 ) SS:  
COUNTY OF CECIL )

On this 22 day of October, 1999, before me personally appeared **LOUISE SENGUPTA** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that she executed the same of her own free will for the purposes therein set forth.

[Signature]  
Notary Public



My Commission Expires: 9/29/2003