Form <b>PTO-1595</b> (Rev. 03/01)			U.S. DEPARTMENT OF COMMERC U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/2002)	1020949	77	
Tab settings ⇔ ⇔ ⇔ ▼	<u>V V</u>	<u> </u>	<u> </u>
To the Honorable Commissioner of	Patents and Trademarks: I	Please record the attached o	riginal documents or copy thereof.
1. Name of conveying party(ies):		2. Name and address	of receiving party(ies)
Xiao-Peng Liang		Name: <u>Paratek Mic</u>	crowave, Inc.
Yongfei Zhu 4	-30-02	Internal Address:	crowave, Inc.
Additional name(s) of conveying party(ies) att	ached? Yes 🖌 No		<u></u>
3. Nature of conveyance:			Fi O
Assignment	Merger		
		Street Address: _6	935 Oakland Mills Road, 9
Security Agreement	Change of Name		uite N
Other			
		City:Columbia	State:Zip:21045
Execution Date:	2	Additional name(s) & ac	ddress(es) attached? 🛄 Yes 🚺 No
4. Application number(s) or patent number	umber(s):		
If this document is being filed toge	ther with a new applic	ation, the execution da	te of the application is:
A. Patent Application No.(s)		B. Patent No.(s)	
10/010,891			
		ached? Yes V No	
<ol><li>Name and address of party to who concerning document should be m</li></ol>		6. Total number of app	lications and patents involved:
		7. Total fee (37 CFR 3	.41)\$40.00
Name:Robert P. Let			
Internal Address: Pietragallo, Bosic	k & Gordon	Enclosed	
		Authorized to b	e charged to deposit account
		8. Deposit account nu	mbor
One Oxford Centre	38th Floor		
Street Address: One Oxford Centre,			500859
301 Grant Street			<u> </u>
City: <u>Pittsburgh</u> State:_PA	Zip:	(Attach duplicate copy o	f this page if paying by deposit account)
	DO NOT USE	THIS SPACE	
9. Statement and signature.			
9. Statement and signature. To the best of my knowledge and		nformation is true and c	correct and any attached copy
To the best of my knowledge and is a true copy of the original docu	belief, the foregoing i ment.		04/10/2002
To the best of my knowledge and is a true copy of the original docur Robert P. Lenart	belief, the foregoing i ment.		04/10/2002
To the best of my knowledge and is a true copy of the original docu Robert P. Lenart Name of Person Signing	belief, the foregoing in ment.	Signature	€
To the best of my knowledge and is a true copy of the original docur Robert P. Lenart Name of Person Signing Total numb	belief, the foregoing in ment.	Signature	Currents:
To the best of my knowledge and is a true copy of the original docur Robert P. Lenart Name of Person Signing Total numb	belief, the foregoing in ment. Per of pages including cove cuments to be recorded with gcommissioner of Patents & 1	Signature	Currents:

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REEL: 012893 FRAME: 0917

## ASSIGNMENT

WHEREAS, WE, XIAO-PENG LIANG, residing at P.O. Box 640011, San Jose, CA 95164, a citizen of the United States of America, and YONGFEI ZHU, residing at 5275 Rivendell Lane, Suite 6, Columbia, MD 21044, a citizen of China, have invented certain improvements in: HYBRID RESONATOR MICROSTRIP LINE FILTERS for which we filed an application for Letters Patent of the United States having Serial No. 10/010,891 and a filing date of November 13, 2001; and

WHEREAS, **PARATEK MICROWAVE**, **INC.** (hereinafter the "Assignee"), a corporation organized and existing under the laws of the State of Delaware, 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 continued employment and/or other undertakings and/or 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 associated therewith for every country, 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

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## PATENT REEL: 012893 FRAME: 0918

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	<u>/  ₩</u> day of	April	, 2002	
		XIAC		7
State of	:			
	: ss.			
County of	<u> </u>			
	•		•	e, personally appeared xecuted the foregoing

assignment and acknowledged it to be his free and voluntary act and deed. Witness my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 2002. Notary Public (NOTARIAL SEAL) WITNESS: Chengyong zhang Haiziong Chu Executed on this \_\_\_\_\_ day of \_\_\_\_\_, 2002 YONGFEI ZHU State of \_\_\_\_\_: : ss. County of \_\_\_\_: Before me, a Notary Public in and for the said County and State, personally appeared YONGFEI ZHU who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed. Witness my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 2002. Notary Public (NOTARIAL SEAL)

# ASSIGNMENT

WHEREAS, WE, XIAO-PENG LIANG, residing at P.O. Box 640011, San Jose, CA 95164, a citizen of the United States of America, and YONGFEI ZHU, residing at 5275 Rivendell Lane, Suite 6, Columbia, MD 21044, a citizen of China, have invented certain improvements in: HYBRID RESONATOR MICROSTRIP LINE FILTERS for which we filed an application for Letters Patent of the United States having Serial No. 10/010,891 and a filing date of November 13, 2001; and

WHEREAS, **PARATEK MICROWAVE**, **INC.** (hereinafter the "Assignee"), a corporation organized and existing under the laws of the State of Delaware, 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 continued employment and/or other undertakings and/or 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 associated therewith for every country, 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

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## PATENT REEL: 012893 FRAME: 0920

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 \_\_\_\_\_ day of \_\_\_\_\_, 2002

## XIAO-PENG LIANG

State of \_\_\_\_\_: : ss. County of \_\_\_\_\_:

Before me, a Notary Public in and for the said County and State, personally appeared **XIAO-PENG LIANG** who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 2002.

Notary Public

(NOTARIAL SEAL)

Executed on this $26^{4}$ da	of March	_, 2002
	$\searrow$	6362hr.
Λ	YONGFI	EI ZHU
State of Maryland	:	
County of Howard	: ss.	

Before me, a Notary Public in and for the said County and State, personally appeared **YONGFEI ZHU** who acknowledged that he is the person who executed the foregoing assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 26th day of March	, 2002.
Rebouch M. Con	
Notary Public	

(NOTARIAL SEAL)

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PATENT REEL: 012893 FRAME: 0921

**RECORDED: 04/30/2002**