

Docket No.: LPTF-TRAN-31

Form 1595 (Rev. 09/04)

RECORDATION FORM COVER SHEET

U. S. Department of Commerce
Patent and Trademark Office

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below

1. Name of conveying party(ies) with the execution date:

- (1) HAN WANG, April 12, 2013
 (2) YI YANG, April 12, 2013
 (3) ZHEN LI, April 12, 2013
 (4) PEI YANG, April 12, 2013
 (5) DIANYU CHEN, April 12, 2013
 (6) HAIQING LIN, April 12, 2013
 (7) YIHAI XIANG, April 15, 2013
 (8) ZHONGZHI LIU, April 12, 2013

2. Name/address of receiving Party(ies)

BEIJING KT MICRO, LTD.

BEIWU NEW TECHNOLOGY PARK,
BUILDING #4, 23 BEIWUCUN ROAD,
HAIDIAN DISTRICT, BEIJING 100195, CHINA

3. Nature of conveyance:

- Assignment Security Agreement
 Merger Change of Name
 Reassignment Other

Add'l names of receiving parties
Attached? Yes No

4. Application number(s) or patent number(s):

A. Patent Application No. (s)

13/655,264

Additional number attached?

B. Patent No.(s)

 Yes No

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

J. C. Patents
4 Venture, Suite 250
Irvine, CA 92618
Tel : (949) 660-0761
Fax : (949) 660-0809
email: jcpi@msn.com

6. Total No. of applications and patents involved:

ONE (1)

7. Total fee(37CFR§3.41): \$ 40.00

- Authorized to be charged by credit card
 Authorized to be charge to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers _____
 Expiration Date _____
 b. Deposit Account Number 50-0710
 Authorized User Name Jiawei Huang

Atty Docket No.: LPTF-TRAN-31

9. Statement and Signature:

To the best of my knowledge and belief, the forging information is true and Correct and any attached copy is a true copy of the original document.

Jiawei Huang

/JIAWEI HUANG/

May 15, 2013

Name of person Signing
Registration No. 43,330

Signature

Date

Total number of pages
including cover sheet,
attachments, and
documents: 4

PATENT

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ASSIGNMENT

WHEREAS, the undersigned Inventors: WANG, Han;
YANG, Yi;
LI, Zhen;
YANG, Pei;
CHEN, Dianyue;
LIN, Haiqing;
XIANG, Yihai;
LIU, Zhongzhi

have invented certain new and useful improvements as described and set forth in the below identified application for United States Patent:

Title: **Circuit For A Front-End Tunable Filter of A Communication and Broadcast Receiver and A Tuning Method thereof**

Filed on: October 18, 2012

Serial No.: 13/655,264

Executed concurrently with the execution of this instrument

WHEREAS Beijing KT Micro, Ltd. (hereinafter termed "Assignee"), a Chinese corporation residing at BeiWu New Technology Park, Building #4, 23 BeiWuCun Road, Haidian District, Beijing 100195, China

desires to acquire the entire right, title, and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or disclosed jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any of said patents; and (e) in and to each and every patent claim resulting

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from a reexamination certificate for any and all of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

Full name of the sole or first inventor: WANG, Han

Inventor's signature: Wang Han Date: 4/12/2013

Full name of the second inventor: YANG, Yi

Inventor's signature: Yanyang Yi Date: 4/12/2013

Full name of the third inventor: LI, Zhen

Inventor's signature: Lizhen Date: 4/12/2013

Full name of the fourth inventor: YANG, Pei

Inventor's signature: Yang Pei Date: 4/12/2013

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Full name of the fifth inventor: CHEN, Dianyu

Inventor's signature: Chen Dianyu Date: 4/12/2013

Full name of the sixth inventor: LIN, Haiqing

Inventor's signature: [Signature] Date: 4/12/2013

Full name of the seventh inventor: XIANG, Yihai

Inventor's signature: Xiang Yihai Date: 4/15/2013

Full name of the eighth inventor: LIU, Zhongzhi

Inventor's signature: Liu Zhongzhi Date: 4/12/2013