

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jian-Liang Lin</td> <td>03/25/2013</td> </tr> <tr> <td>Yi-Wen Chen</td> <td>03/25/2013</td> </tr> <tr> <td>Yu-Wen Huang</td> <td>03/25/2013</td> </tr> <tr> <td>Chih-Ming Fu</td> <td>03/25/2013</td> </tr> <tr> <td>Chi-Ling Wu</td> <td>04/06/2013</td> </tr> <tr> <td>Yu-Pao Tsai</td> <td>03/25/2013</td> </tr> <tr> <td>Ching-Yeh Chen</td> <td>03/25/2013</td> </tr> <tr> <td>Shaw-Min Lei</td> <td>03/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jian-Liang Lin	03/25/2013	Yi-Wen Chen	03/25/2013	Yu-Wen Huang	03/25/2013	Chih-Ming Fu	03/25/2013	Chi-Ling Wu	04/06/2013	Yu-Pao Tsai	03/25/2013	Ching-Yeh Chen	03/25/2013	Shaw-Min Lei	03/25/2013
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RECEIVING PARTY DATA																			
<table border="1"> <tr> <td>Name:</td> <td>MediaTek Inc.</td> </tr> <tr> <td>Street Address:</td> <td>No. 1, Dusing Rd. 1st,</td> </tr> <tr> <td>City:</td> <td>Hsin-Chu</td> </tr> <tr> <td>State/Country:</td> <td>TAIWAN</td> </tr> </table>		Name:	MediaTek Inc.	Street Address:	No. 1, Dusing Rd. 1st,	City:	Hsin-Chu	State/Country:	TAIWAN										
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PROPERTY NUMBERS Total: 1																			
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CORRESPONDENCE DATA																			
<p>Fax Number: 4089152667 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-666-9433 Email: ktzou@yahoo.com Correspondent Name: Blairtech Solution LLC Kou-Hu Tzou Address Line 1: 1039 Merritt Terrace Address Line 4: Sunnyvale, CALIFORNIA 94086</p>																			
ATTORNEY DOCKET NUMBER:	MTKI-11-158US-NP																		

OP \$40.00 13879903

NAME OF SUBMITTER:	Kou-Hu Tzou
Signature:	/Kou-Hu Tzou/
Date:	04/17/2013
<p>Total Attachments: 7</p> <p>source=MTKI-11-158US-NP-Assignment-AppNum#page1.tif</p> <p>source=MTKI-11-158US-NP-Assignment-AppNum#page2.tif</p> <p>source=MTKI-11-158US-NP-Assignment-AppNum#page3.tif</p> <p>source=MTKI-11-158US-NP-Assignment-AppNum#page4.tif</p> <p>source=MTKI-11-158US-NP-aia0096-statement3-73C-AppNum#page1.tif</p> <p>source=MTKI-11-158US-NP-aia0096-statement3-73C-AppNum#page2.tif</p> <p>source=MTKI-11-158US-NP-aia0096-statement3-73C-AppNum#page3.tif</p>	

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Jian-Liang Lin of Yilan County, Taiwan, Yi-Wen Chen of Taichung, Taiwan, Yu-Wen Huang of Taipei, Taiwan, Chih-Ming Fu of Hsinchu, Taiwan, Chi-Ling Wu of Taipei, Taiwan, Yu-Pao Tsai of Kaohsiung, Taiwan, Ching-Yeh Chen of Taipei, Taiwan and Shaw-Min Lei of Hsinchu County, Taiwan, hereinafter referred to as "Assignors," are the inventors of the invention, described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Method and Apparatus for Parsing Error Robustness
of Temporal Motion Vector Prediction

Application No.: 13/879,903

Filing Date: April 17, 2012 and

WHEREAS, MEDIATEK INC., a corporation of Taiwan, having a mailing address at No. 1, Dusing Road 1, Science-Based Industrial Park, Hsin-Chu City, Taiwan, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified above; the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request the Blairtech Solution LLC, at 1039 Merritt Terrace, Sunnyvale, CA 94086, to insert herein above the application number and filing date of said application when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2013/03/25

Jian-Liang Lin
Jian-Liang Lin

Dated: 2013/03/25

Yi-Wen Chen
Yi-Wen Chen

Dated: 2013/03/25

Yu-Wen Huang
Yu-Wen Huang

Dated: 2017/03/25

Chih-Ming Fu
Chih-Ming Fu

Dated: _____

Chi-Ling Wu
Chi-Ling Wu

Docket No. MTKI-11-158-US-NP-Assignment

Assignors hereby authorize and request the Blairtech Solution LLC, at 1039 Merritt Terrace, Sunnyvale, CA 94086, to insert herein above the application number and filing date of said application when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

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Dated: _____
Jian-Liang Lin

Dated: _____
Yi-Wen Chen

Dated: _____
Yu-Wen Huang

Dated: _____
Chih-Ming Fu

Dated: 6 April 2013
Chi-Ling Wu
Chi-Ling Wu

Dated: 2013/03/25

Yu-Pao Tsai
Yu-Pao Tsai

Dated: 2013/03/25

Ching-Yeh Chen
Ching-Yeh Chen

Dated: 2013/3/25

Shaw-Min Lei
Shaw-Min Lei

STATEMENT UNDER 37 CFR 3.73(c)Applicant/Patent Owner: Jian-Liang LinApplication No./Patent No.: 13/879,903 Filed/Issue Date: 2013-04-17Titled: Method and Apparatus for Parsing Error Robustness of Temporal Motion Vector PredictionMediaTek Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that, for the patent application/patent identified above, it is (choose **one** of options 1, 2, 3 or 4 below):

1. ☒ The assignee of the entire right, title, and interest.
2. ☐ An assignee of less than the entire right, title, and interest (check applicable box):
- ☐ The extent (by percentage) of its ownership interest is _____%. Additional Statement(s) by the owners holding the balance of the interest must be submitted to account for 100% of the ownership interest.
- ☐ There are unspecified percentages of ownership. The other parties, including inventors, who together own the entire right, title and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

3. ☐ The assignee of an undivided interest in the entirety (a complete assignment from one of the joint inventors was made). The other parties, including inventors, who together own the entire right, title, and interest are:

Additional Statement(s) by the owner(s) holding the balance of the interest must be submitted to account for the entire right, title, and interest.

4. ☐ The recipient, via a court proceeding or the like (e.g., bankruptcy, probate), of an undivided interest in the entirety (a complete transfer of ownership interest was made). The certified document(s) showing the transfer is attached.

The interest identified in option 1, 2 or 3 above (not option 4) is evidenced by either (choose **one** of options A or B below):

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at

Reel _____, Frame _____, or for which a copy thereof is attached.

[Page 1 of 2]

This collection of information is required by 37 CFR 3.73(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.

PATENT**REEL: 030234 FRAME: 0775**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(c)

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

4. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

5. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

6. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.☐ Additional documents in the chain of title are listed on a supplemental sheet(s).☒ As required by 37 CFR 3.73(c)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/Kou-Hu Tzou/

Signature

Kou-Hu Tzou

Printed or Typed Name

2013/04/17

Date

61,552

Title or Registration Number

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.