

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Jianfeng Xu	05/08/2008
Lei Miao	05/08/2008
Chen Hu	05/08/2008
Qing Zhang	05/14/2008
Lijing Xu	05/08/2008
Wei Li	05/08/2008
Zhengzhong Du	05/08/2008
Yi Yang	05/08/2008
Fengyan Qi	05/08/2008
Wuzhou Zhan	05/08/2008
Dongqi Wang	05/08/2008

## RECEIVING PARTY DATA

Name:	Huawei Technologies Co., Ltd.
Street Address:	Huawei Administration Building
Internal Address:	Bantian, Longgang District
City:	Shenzhen, Guangdong
State/Country:	CHINA
Postal Code:	518129

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12129118

## CORRESPONDENCE DATA

Fax Number: (312)616-5700

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 312 616 5600

Email: assignments@leydig.com

PATENT

500552348

REEL: 021015 FRAME: 0969

CH \$40.00 12129118

Correspondent Name:	Leydig, Voit & Mayer, Ltd
Address Line 1:	Two Prudential Plaza Suite 4900
Address Line 2:	180 North Stetson Avenue
Address Line 4:	Chicago, ILLINOIS 60601-6731

ATTORNEY DOCKET NUMBER:	HW702972
-------------------------	----------

NAME OF SUBMITTER:	John B. Conklin
--------------------	-----------------

Total Attachments: 10

source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif  
source=Assignment#page4.tif  
source=Assignment#page5.tif  
source=Assignment#page6.tif  
source=Assignment#page7.tif  
source=Assignment#page8.tif  
source=Assignment#page9.tif  
source=Assignment#page10.tif

**PATENT**

Attorney Docket No. 702972  
Client Reference No. 0714031US

Leydig, Voit & Mayer, Ltd.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731

**ASSIGNMENT**

**WHEREAS, WE,**

Jianfeng XU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Lei MIAO Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;
Chen HU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Qing ZHANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;
Lijing XU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Wei LI Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;
Zhengzhong DU Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Yi YANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;
Fengyan QI Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA; and	Wuzhou ZHAN Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA;
Dongqi WANG Huawei Administration Building Bantian, Longgang District Shenzhen, 518129, Guangdong P.R. CHINA	

have invented and own a certain invention entitled:

**METHOD AND DEVICE FOR PERFORMING FRAME ERASURE CONCEALMENT  
TO HIGHER-BAND SIGNAL**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on MAY 29, 2008, under U.S. Application No. 12/129,118, and

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

WHEREAS, HUAWEI TECHNOLOGIES CO., LTD., of Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, Guangdong, P.R. China, hereinafter referred to as Assignee, is desirous of acquiring the entire domestic and foreign right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the U.S. and every foreign country and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, reexamined, and National phase patents of the U.S. or of any and all foreign countries on the invention, and in enforcing any rights or chooses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date 08th May 2008

Jianfeng XU

Jianfeng XU

Date 08th May 2008

Chen HU

Witness

Date 08th May 2008

Zhengzhong DU

Witness

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

\_\_\_\_\_  
Date 08th May 2008

Wei LI

\_\_\_\_\_  
Wei LI

Date 08th May 2008

Dong Wang

\_\_\_\_\_  
Witness

Date 08th May 2008

Wang Yongfeng

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Zhengzhong DU

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
YI YANG

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

Date \_\_\_\_\_

\_\_\_\_\_  
Witness

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_ Wei LI

\_\_\_\_\_  
Date \_\_\_\_\_ Witness

\_\_\_\_\_  
Date \_\_\_\_\_ Witness

\_\_\_\_\_  
Date 08th May 2008 Zhengzhong DU  
Zhengzhong DU

\_\_\_\_\_  
Date 08th May 2008 Chen Longyin  
Witness

\_\_\_\_\_  
Date 08th May 2008 Xiao Wei  
Witness

\_\_\_\_\_  
Date \_\_\_\_\_ Yi YANG

\_\_\_\_\_  
Date \_\_\_\_\_ Witness

\_\_\_\_\_  
Date \_\_\_\_\_ Witness

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Wei Li

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Zhengzhong DU

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date \_\_\_\_\_

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Date 08th May 2008

\_\_\_\_\_  
Yi YANG  
YI YANG

\_\_\_\_\_  
Date 08th May 2008

\_\_\_\_\_  
Zixin Liu  
Witness

\_\_\_\_\_  
Date 08th May 2008

\_\_\_\_\_  
WenBo Tran  
Witness

In re Appln. of et al.  
 Attorney Docket No. \_\_\_\_\_

Date \_\_\_\_\_  
 \_\_\_\_\_  
 Lei MIAO

Date \_\_\_\_\_  
 \_\_\_\_\_  
 Witness

Date \_\_\_\_\_  
 \_\_\_\_\_  
 Witness

Date 08th May 2008  
 \_\_\_\_\_  
 Chen HU  
 Chen HU

Date 08th May 2008  
 \_\_\_\_\_  
 Chen Longyin  
 Witness

Date 08th May 2008  
 \_\_\_\_\_  
 Xiao Wei  
 Witness

Date \_\_\_\_\_  
 \_\_\_\_\_  
 Qing ZHANG

Date \_\_\_\_\_  
 \_\_\_\_\_  
 Witness

Date \_\_\_\_\_  
 \_\_\_\_\_  
 Witness

Date 08th May 2008  
 \_\_\_\_\_  
 Lijing XU  
 Lijing XU

Date 08th May 2008  
 \_\_\_\_\_  
 Chen Longyin  
 Witness

Date 08th May 2008  
 \_\_\_\_\_  
 Xiao Wei  
 Witness



08/05/2008 17:49 FAX

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

Date 08<sup>th</sup> May 2008

Fengyan QI  
Fengyan QI

Date 08<sup>th</sup> May 2008

[Signature]  
Witness

Date 08<sup>th</sup> May, 2008

Rosa Wong  
Witness

Date \_\_\_\_\_

Wuzhou ZHAN

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Dongqi WANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

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

Fengyan QI

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

Witness

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

Witness

Date: 08th May 2008

Wuzhou ZHAN

Wuzhou ZHAN

Date: 08th May 2008

Song ZHAO

Witness

Date: 08th May 2008

Kai LI

Witness

Date: 08th May 2008

Dongqi WANG

Dongqi WANG

Date: 08th May 2008

Song ZHAO

Witness

Date: 08th May 2008

Kai LI

Witness

From:

To: 00103500867552878694 14/05/2008 09:55

#020 P.001/002

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

Date \_\_\_\_\_

Lei MIAO

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Chen HU

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date 14<sup>th</sup> May 2008

Qing ZHANG  
Qing ZHANG

Date 14<sup>th</sup> May 2008

Jianfeng XU  
Witness

Date 14<sup>th</sup> May 2008

Hervé TADDEI  
Witness

Date \_\_\_\_\_

Lijing XU

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

08/05 2008-08 16:28:20

In re Appln. of et al.  
Attorney Docket No. \_\_\_\_\_

---

Date 08th May 2008Lei Miao  
Lei MIAODate 08th May 2008Li-Li  
WitnessDate 08th May 2008Rosa Wang  
Witness

Date \_\_\_\_\_

Chen HU

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Qing ZHANG

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Lijing XU

Date \_\_\_\_\_

Witness

Date \_\_\_\_\_

Witness