

PATENTS ONLY

Commissioner of Patents
Please record the attached original
document or copy thereof.

<p>1. Name of party or parties conveying an interest:</p> <p>Hong CHEN Chunfan HOU Wei FU Jun YAN</p>	<p>2. Name and address of party or parties receiving an interest: Huawei Technologies Co., Ltd. Huawei Administration Building Bantian, Longgang District Shenzhen 518129 People's Republic of China</p>
<p>3. Description of the interest conveyed:</p> <p><input checked="" type="checkbox"/> Assignment Other: _____ <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement</p> <p>Execution Date: December 29, 2005</p>	
<p>4. Application number(s) or patent number(s). If the document is being filed together with Additional sheet attached? YES _____ NO <input checked="" type="checkbox"/> A. Patent application no.(s): 11/247,312 filed October 11, 2005 B. Patent no.(s): _____</p>	
<p>5. Name and address of party to whom correspondence concerning this cover sheet should be mailed: Name: G. Christopher Braidwood Reg. No. 41,631 MARSHALL, GERSTEIN & BORUN LLP Street Address: 6300 Sears Tower, 233 South Wacker Drive City: Chicago State: Illinois Zip: 60606-6402</p>	<p>6. Number of applications and/or patents identified on this cover sheet: 1 7. Amount of fee enclosed or authorized to be charged: \$ 40.00 ----- 8. Any additional required fee may be charged, or any overpayment credited to our deposit account: 13-2855</p>

9. To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Date: January 3, 2006

G. Christopher Braidwood
Reg. No. 41,631

Total number of pages including cover sheet, attachments, and document: 5

CH \$40.00 132855 11247312

Foreign

Atty. Docket No. 30952/519051

A S S I G N M E N T

Serial No: 11/247,312

Filed: October 11, 2005

Title: INTER-CARD CHANNEL PROTECTION METHOD IN WAVELENGTH DIVISION
MULTIPLEXED SYSTEM

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assign to Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, Shenzhen, 518129, People's Republic of China (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hand this 29th day of December, 2005.

Witness

1) Zhao zhi peng
NameChen hong
Hong CHEN

Foreign

Witness

2) Tang Xingjun
NameHou Chunfan
Chunfan HOU

Witness

3) Shan-shan Da
NameFu Wei
Wei FU

Witness

4) Qie Huijuan
NameYAN Jun
Jun YAN