

12-19-2001



101921019

Altera Docket No. 980.1076US01

Form PTO 1595

Sheet

U.S. Department of Commerce

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

## 1. Name of conveying party(ies)

Xiaofeng Han  
Boying Barry Zhang  
Zhicheng Yang

11.13.01

## 2. Name and address of receiving party(ies):

ADC Telecommunications, Inc.  
13625 Technology Drive  
Eden Prairie, Minnesota 55344

Additional names(s) of conveying party(ies) ☐ Yes ☒ NoAdditional name(s) & addresses attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 5, 2001, November 1, 2001, October 9, 2001

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

If this document is being filed together with a new application, the execution date of the application is:  
November 12, 2001

A. Patent Application Number(s)

Patent Number(s)

10/010646

Additional numbers attached? ☐ Yes ☒ No

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

Name: Iain A. McIntyre  
Address: Altera Law Group  
6500 City West Parkway - Suite 100  
Minneapolis, Minnesota 55344-7701

## 6. Total number of applications and patents involved: 1

## 7. Total fee (37 C.F.R. §3.41) \$40.00

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
☐ Authorized to charged to deposit account

## 8. Deposit Account number: 50-1038

DO NOT USE THIS SPACE

## 9. Statement and Signature:

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

Iain A. McIntyre/Reg.#40,337  
Name of Person Signing

Signature

November 13, 2001  
Date

Total number of pages including cover sheet, attachments, and document: 9

12/18/2001 LMJELLER 00000201 10010646

01 FC:581

40.00 DP

PATENT  
REEL: 012367 FRAME: 0977

## **PATENT ASSIGNMENT**

WHEREAS,

1. Xiaofeng Han residing at 1050 Treeline Drive, Allentown, Pennsylvania 18103 and a citizen of the United States of America;
2. Boying Barry Zhang residing at 10 Stonicker Drive, Lawrenceville, New Jersey 08648 and a citizen of the United States of America;
3. Zhicheng Yang residing at 1701 W. Burnsville Parkway, Apt. 210, Burnsville, Minnesota 55337 and a citizen of the Republic of China;

hereafter referred to as "THE UNDERSIGNED", have made an invention entitled BIREFRINGENT MACH-ZEHNDER INTERFEROMETER, for which we executed an application for Letters Patent of the United States on the even date;

AND, WHEREAS, ADC Telecommunication, Inc., hereafter referred to as ASSIGNEE, a corporation organized under the laws of Minnesota and whose place of business and business address is 13625 Technology Drive, Eden Prairie, MN 55344-2252, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extension of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts Known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on this

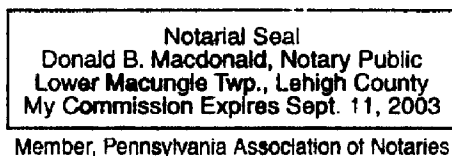
5<sup>th</sup> day of October, 2001.

Xiaofeng Han  
Xiaofeng Han

State of PENNSYLVANIA )  
County of LEHIGH )

On this 5 day of OCTOBER, 2001, before me personally appeared Xiaofeng Han, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purposes therein set forth.

[SEAL]



[Signature]  
Notary Public

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on this

\_\_\_\_\_ day of \_\_\_\_\_, 2001.

\_\_\_\_\_  
Boying Barry Zhang

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally appeared Boying Barry Zhang, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

## PATENT ASSIGNMENT

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3. Zhicheng Yang residing at 1701 W. Burnsville Parkway, Apt. 210, Burnsville, Minnesota 55337 and a citizen of the Republic of China;

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THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts Known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on this

\_\_\_\_\_ day of \_\_\_\_\_, 2001.

\_\_\_\_\_  
Xiaofeng Han

State of \_\_\_\_\_ )

County of \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally appeared Xiaofeng Han, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purposes therein set forth.

[SEAL]

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on this

1st day of November, 2001.

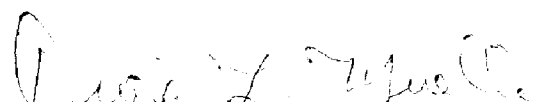
  
\_\_\_\_\_  
Boying Barry Zhang

State of NJ )

County of Mercer )

On this 1st day of November, 2001, before me personally appeared Boying Barry Zhang, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purposes therein set forth.

[SEAL]

  
\_\_\_\_\_  
Notary Public

**DIANE L. MUELLER**  
Notary Public of New Jersey  
My Commission Expires July 7, 2003

## PATENT ASSIGNMENT

WHEREAS,

1. Xiaofeng Han residing at 1050 Treeline Drive, Allentown, Pennsylvania 18103 and a citizen of the United States of America;
2. Boying Barry Zhang residing at 10 Stonicker Drive, Lawrenceville, New Jersey 08648 and a citizen of the United States of America;
3. Zhicheng Yang residing at 1701 W. Burnsville Parkway, Apt. 210, Burnsville, Minnesota 55337 and a citizen of the Republic of China;

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IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on this

9 day of Oct., 2001.

Zhicheng Yang  
Zhicheng Yang

State of Minnesota )  
County of Scott )

On this 9 day of October, 2001, before me personally appeared Zhicheng Yang, to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the use and purposes therein set forth.

[SEAL]



Karen M. Oase  
Notary Public