



12-16-2003



102623614

ASSIGNMENT RECORDATION COVER SHEET

12.9.03

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document.

1. Names of conveying party:

- a) **Michael J. Estes**
- b) **Garret Moddel**

2. Name and address of receiving party:

- a) Name: **The Regents of the University of Colorado, a body corporate**
Address: **201 Regent Administrative Center**
3 SYS
Boulder, CO 80309

3. Nature of conveyance

X Assignment

4. This document is being filed together with a new application, the execution date of which application is _____ The title of the new application is:

TERAHERTZ INTERCONNECT SYSTEM AND APPLICATIONS

*U.S. Pat. App.
Serial No. 10/462,491
Filed June 16, 2003*

5. Please send all correspondence concerning this document to: **Customer Number 34490**

Yoriko Morita
Phiar Corporation
1415 Arapahoe Road
Boulder, Colorado 80302
(303) 443-0373 [phone]
(303) 443-0753 [fax]

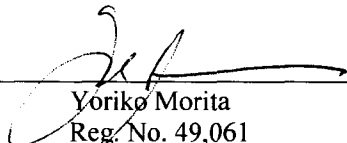
12/15/2003 BBYRNE 00000248 502480 10462491
01 FC:8021 40.00 DA

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

7. Total fee (37 CFR 3.41): **\$40.00**. (Please charge to Deposit Account **50-2480 (order no. Phiar-5cip)**)

8. 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.

Date: 7 December 2003



Yoriko Morita
Reg. No. 49,061
Att. Docket No. **Phiar-5cip**

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged the undersigned, **Michael J. Estes and Garret Moddel**.

(1) hereby sell, assign, and transfer to **The Regents of the University of Colorado, a body corporate** having a place of business at **201 Regent Administrative Center, 3 SYS, Boulder, Colorado 80309**, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and that is entitled **TERAHERTZ INTERCONNECT SYSTEM AND APPLICATIONS** and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

(2) agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

(3) covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

<p>Each Inventor: Please Sign and Date Below:</p> <table><tr><td><u>4 Dec 03</u> Date</td><td><u><i>Michael J. Estes</i></u> Name: Michael J. Estes</td></tr><tr><td><u>4 Dec 03</u> Date</td><td><u><i>Garret Moddel</i></u> Name: Garret Moddel</td></tr></table>	<u>4 Dec 03</u> Date	<u><i>Michael J. Estes</i></u> Name: Michael J. Estes	<u>4 Dec 03</u> Date	<u><i>Garret Moddel</i></u> Name: Garret Moddel	<p>Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:</p> <table><tr><td><u>4 Dec 03</u> Date</td></tr><tr><td><u>4 Dec 03</u> Date</td></tr></table>	<u>4 Dec 03</u> Date	<u>4 Dec 03</u> Date
<u>4 Dec 03</u> Date	<u><i>Michael J. Estes</i></u> Name: Michael J. Estes						
<u>4 Dec 03</u> Date	<u><i>Garret Moddel</i></u> Name: Garret Moddel						
<u>4 Dec 03</u> Date							
<u>4 Dec 03</u> Date							

Assignment Document Return Address:

Customer Number 34490
Phiar Corporation
1415 Arapahoe Road
Boulder, CO 80302
303-443-0373 [phone]
303-443-0753 [fax]

State of: Colorado }
County of: Boulder } SS.

On this 4 day of Dec, 2003, before me, Michael J. Estes,
the undersigned Notary Public, personally appeared **Michael J. Estes** personally known to me proved to
me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument,
and acknowledged that he executed it.
WITNESS my hand and official seal.

Jenny Ludwig
Notary's Signature

12/18-03

State of: Colorado }
County of: Boulder } SS.

On this 4 day of Dec, 2003, before me, Garret Moddel,
the undersigned Notary Public, personally appeared **Garret Moddel** personally known to me proved to
me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument,
and acknowledged that he executed it.
WITNESS my hand and official seal.

Jenny Ludwig
Notary's Signature

12 - 18 - 03