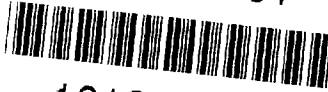


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12-07-2001



FILE NO. A34838

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PATENTS ONLY

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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):  
**Sun-Chung Chen**  
Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies)  
Name: **ATEN INTERNATIONAL CO., LTD.**

JC879 U.S. PTO  
09/996515  
11/28/01

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other  
Execution Date: **November 16, 2001**

Address: **3F, No. 125, Sec. 2  
Ta Tung Rd., Hsichih  
Taipei, Taiwan, R.O.c.**  
City: State: Zip:  
Additional name(s) and address(es) attached?  Yes  No

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 16, 2001**  
A. Patent Application No.(s) **09/996515** B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **James J. Maune  
BAKER BOTTS L.L.P.  
30 Rockefeller Plaza - 44 Fl.  
New York, NY 10112**

6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41): **\$ 40**  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number :  
**02-4377 (Charge any additional fees to this account)**  
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature  
*To the best of my knowledge and belief, the foregoing instrumentation is true and correct and any attached copy is a true copy of the original document.*  
**James J. Maune, PTO#26,946** **11-28-01**  
Name of Person Signing Signature Date

Page 1 of 1

Total number of pages including cover sheet, attachments and document.

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PATENT  
REEL: 012340 FRAME: 0052

## ASSIGNMENT

A 348 37

This assignment agreement is applicable to an invention entitled (Invention Title) \_\_\_\_\_  
ELECTRONIC APPARATUS FOR AUTOMATICALLY DETECTING THE LENGTH  
OF NETWORK TRANSMISSION LINES

The PATENT RIGHTS referred to in this agreement are:

(check one)  a patent application for this invention, executed by the ASSIGNOR(S)  
 concurrently with this assignment.

U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

a U.S. patent application based on PCT International Application  
 No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. patent application  
 Serial No. \_\_\_\_\_, if known).

U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions reissues, continuations and extensions of  
 the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one)  U.S. patent rights only.

Worldwide patent rights. In this case, the assignee shall have the right to  
 claim the benefit of the filing date of any U.S. or foreign patent application  
 for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures  
 appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) ATEN INTERNATIONAL CO., LTD.

(Address) 3F, NO. 125, SEC.2, TA TUNG RD., HSICHIH, TAIPEI, TAIWAN, R.O.C.

The ASSIGNEE is:

(check one)  An individual.

A Partnership.

A Corporation of TAIWAN, R.O.C. (specify state or country)

(other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and  
 valuable consideration, receipt of which is acknowledged, hereby assign(s) the following  
 rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable  
 provisions, based on any earlier patent applications for this invention.

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO

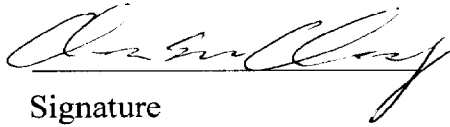
ASSIGNEE: ATEN INTERNATIONAL CO., LTD.

INVENTION TITLE: ELECTRONIC APPARATUS FOR AUTOMATICALLY  
DETECTING THE LENGTH OF NETWORK  
TRANSMISSION LINES

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Sun-Chung CHEN</u>		<u>November 16, 2001</u>
Name of sole or first inventor	Signature	Date
_____	_____	_____
Name of second inventor, if any	Signature	Date
_____	_____	_____
Name of third inventor, if any	Signature	Date
_____	_____	_____
Name of fourth inventor, if any	Signature	Date
_____	_____	_____
Name of fifth inventor, if any	Signature	Date
_____	_____	_____
Name of sixth inventor, if any	Signature	Date
_____	_____	_____
Name of seventh inventor, if any	Signature	Date
_____	_____	_____
Name of eighth inventor, if any	Signature	Date

**RECORDED: 11/28/2001**

Date **PATENT**  
**REEL: 012340 FRAME: 0054**