

FORM PTO-1619A

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U.S. Department of Commerce  
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PATENT

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☒ Assignment☐

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Other

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## Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) Long, Guozhu

Name (line 2)

Execution Date  
Month Day Year

06 01 1999

## Second Party

Name (line 1) Bar-Ness, Yaron

Name (line 2)

Execution Date  
Month Day Year

06 03 1999

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Centillum Technology Corporation

Name (line 2)

Address (line 1) 46531 Fremont Boulevard

Address (line 2)

Address (line 3) Fremont

CA

94538

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## Domestic Representative Name and Address

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Name

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PATENT  
REEL: 010027 FRAME: 0839

**Correspondent Name and Address**

Area Code and Telephone (650) 858-7814

Name Kirk A. Gottlieb

Address (line 1) Fenwick &amp; West LLP

Address (line 2) 2 Palo Alto Square

Address (line 3) Palo Alto, CA 94306

Address (line 4)

**Pages**

Enter the total number of pages of the conveyance document including attachments # 2

**Application Number(s) or Patent Number(s)**☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.Month Day Year  
06/01/99; 06/03/99**Patent Cooperation Treaty (PCT)**Enter PCT application number  
only if a U.S. Application Number  
has not been assigned

PCT		PCT		PCT	
PCT		PCT		PCT	

**Number of Properties**

Enter the total number of properties involved.

#

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment

Enclosed



Deposit Account

**Deposit Account**

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

# 19-2555


Authorization to charge additional fees:

Yes ☒No ☐**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. Charges to deposit account are authorized, as indicated herein.*

Kirk A. Gottlieb

Name of Person Signing



Signature

6-4-99

Date

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Centillum Technology Corporation**, a California corporation, having a place of business at 46531 Fremont Boulevard, Fremont, California 94538 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled: **TRANSCEIVER TRAINING FOR DSL MODEMS UNDER TCM-ISDN INTERFERENCE** ("APPLICATION"), which:

☒ is to be filed herewith

☐ was filed on \_\_\_\_\_, 199\_, now bearing U.S. serial number \_\_\_\_\_ and for which a Declaration was executed by INVENTOR on the date(s) below; and

2. The entire worldwide right, title, and interest in and to:

(a) the APPLICATION, including any right of priority; (b) any divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has made or will make hereafter no assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

<u>Name and Signature</u>	<u>Date of</u>	<u>Date Declaration</u>
	<u>Signature</u>	<u>Executed By This Person</u>

Guozhu Long

June 1, 1999

June 3, 1999

State of California  
County of Alameda

On June 3, 1999 before me, M. Burgess personally  
[DATE] [NOTARY PUBLIC]

appeared Guozhu Long personally known to me or proved to me on the basis of  
[INVENTOR]

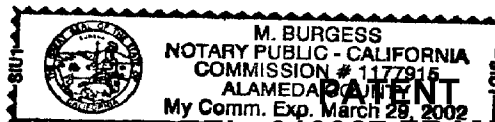
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that (he/she) executed the same in (his/her) authorized capacity, and that by (his/her) signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

Case Docket # 3785

1 of 2



REEL: 010027 FRAME: 0841

Title of Document: ASSIGNMENT

Re:  
Title: TRANSCEIVER TRAINING FOR DSL MODEMS UNDER TCM-ISDN  
INTERFERENCE  
Filed: (if applicable) Unknown  
Serial No.: (if applicable) Unknown

Name and Signature	Date of Signature	Date Declaration Executed By This Person
<u>[Signature]</u> Yaron Bar-Ness	<u>6/3</u> , 199 <u>9</u>	<u>6/3</u> , 199 <u>9</u>

State of California  
County of Alameda

On June 3/1999 before me, M. Burgess personally  
[DATE] [NOTARY PUBLIC]  
appeared Yaron Bar-Ness ~~personally known to me~~ or proved to me on the basis of  
[INVENTOR]

satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that (he/she) executed the same in (his/her) authorized capacity, and that by (his/her) signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

[Signature]  
Notary