



01-08-2004

D/S

1/5/04

ASSIGN



102641077

To: Commissioner of Patents and Trademarks:

Please record the attached original document.

1. Names of conveying parties

- a) Paul J Timans
- b) Daniel J. Devine
- c) Young Jai Lee
- d) Yao Zhi Hu
- e) Peter C. Bordiga

2. Name and address of receiving party:

- a) Name: Mattson Technology, Inc
Address: 47131 Bayside Parkway
Fremont, CA 94538

3. Nature of conveyance

X Assignment

4. This document is being filed for application serial number 10/629,400 filed on July 28, 2003. The execution date of the application is December 2, 2003 for Paul J Timans, Daniel J. Devine, and Young Jai Lee; December 5, 2003 for Yao Zhi Hu; and December 15, 2003 for Peter C. Bordiga. The title of the new application is:

SELECTIVE REFLECTIVITY PROCESS CHAMBER WITH CUSTOMIZED WAVELENGTH RESPONSE AND METHOD

5. Please send all correspondence concerning this document to: **Customer Number 21833**

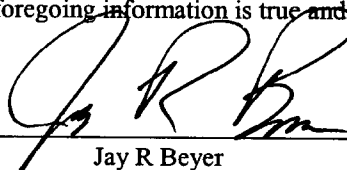
Jay R Beyer
 Boulder Patent Services, Inc.
 1021 Gapter Road
 Boulder, Colorado 80303
 Tel. No.: (303) 499-3859
 Fax No.: (303) 499-8516

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): **\$40.00**. Please charge my Deposit Account No. 19-1685 (Order Number MAT-9) the amount of \$ 40.00. (A duplicate of this sheet is included for fee processing purposes.)

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: December 27, 2003



Jay R Beyer
 Reg. No. 39,907
 Att. Docket No. MAT-9

01/07/2004 ECOOPER 00000093 191685 10629400
 01 AC:8021 40.00 DA

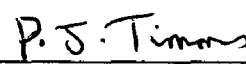
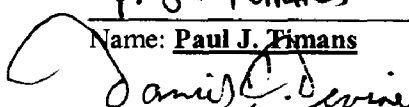
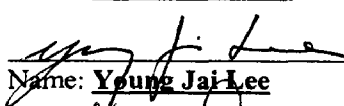
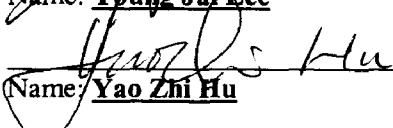
ASSIGNMENT
(Not Accompanying the Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged the undersigned, **Paul J. Timans, Daniel J. Devine, Young Jai Lee, Yao Zhi Hu, and Peter C. Bordiga:**

(1) hereby sells, assigns, and transfers to **Mattson Technology, Inc.** a Delaware corporation having a place of business at **47131 Bayside Parkway, Fremont, CA 94538**, ("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 **SELECTIVE REFLECTIVITY PROCESS CHAMBER WITH CUSTOMIZED WAVELENGTH RESPONSE AND METHOD** 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) agrees 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) covenants 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.

Each Inventor: Please Sign and Date Below:	
<u>12/2</u> , 2003 Date	 Name: <u>Paul J. Timans</u>
<u>DEC. 2</u> , 2003 Date	 Name: <u>Daniel J. Devine</u>
<u>12/2</u> , 2003 Date	 Name: <u>Young Jai Lee</u>
<u>12/5</u> , 2003 Date	 Name: <u>Yao Zhi Hu</u>
_____, 2003 Date	Name: <u>Peter C. Bordiga</u>

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:	
<u>12/2</u> , 2003 Date	
<u>DEC. 2</u> , 2003 Date	
<u>Dec 2</u> , 2003 Date	
<u>12/5</u> , 2003 Date	
_____, 2003 Date	

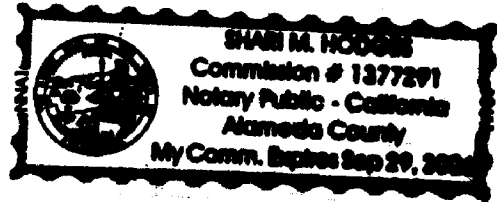
Assignment Document Return Address:

Customer Number 21833
Boulder Patent Services, Inc.
1021 Gapter Road
Boulder, Colorado 80303
(303) 499-3859

State of: California }
County of: Alameda } SS.

On this 2 day of December, 2003, before me, Shari M. Hodges,
the undersigned Notary Public, personally appeared Paul J. Timans [] personally known to me [] proved to me on
the basis of satisfactory evidence to be the person [] whose name [] is subscribed to the within instrument, and
acknowledged that he/she executed it.
WITNESS my hand and official seal.

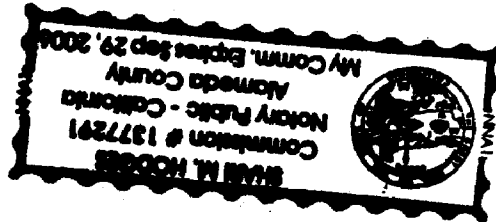
Shari M. Hodges
Notary's Signature



State of: California }
County of: Alameda } SS.

On this 2nd day of December, 2003, before me, Shari M. Hodges,
the undersigned Notary Public, personally appeared Daniel J. Devine [] personally known to me [] proved to me
on the basis of satisfactory evidence to be the person [] whose name [] is subscribed to the within instrument, and
acknowledged that he/she executed it.
WITNESS my hand and official seal.

Shari M. Hodges
Notary's Signature



State of: CALIFORNIA }
County of: ALAMEDA } SS.

On this 2 day of December, 2003, before me, Shari M. Hodges,
the undersigned Notary Public, personally appeared Young Jai Lee [] 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/she executed it.
WITNESS my hand and official seal.

Shari M. Hodges
Notary's Signature



State of: California }
County of: Alameda } SS.

On this 5th day of December, 2003, before me, Shari M. Hodges,
the undersigned Notary Public, personally appeared Yao Zhi Hu [] 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/she executed it.
WITNESS my hand and official seal.

Shari M. Hodges
Notary's Signature



State of: _____ }
County of: _____ } SS.

On this _____ day of _____, 2003, before me, _____,
the undersigned Notary Public, personally appeared Peter C. Bordiga [] 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/she executed it.
WITNESS my hand and official seal.

Notary's Signature

ASSIGNMENT
(Not Accompanying the Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged the undersigned, **Paul J. Timans, Daniel J. Devine, Young Jai Lee, Yao Zhi Hu, and Peter C. Bordiga**:

(1) hereby sells, assigns, and transfers to **Mattson Technology, Inc.** a Delaware corporation having a place of business at **47131 Bayside Parkway, Fremont, CA 94538**, ("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 **SELECTIVE REFLECTIVITY PROCESS CHAMBER WITH CUSTOMIZED WAVELENGTH RESPONSE AND METHOD** 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) agrees 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) covenants 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 style="width: 100%; border: none;"><tr><td style="width: 30%; border: none;">_____, 2003 Date</td><td style="width: 70%; border: none;">_____ Name: Paul J. Timans</td></tr><tr><td style="border: none;">_____, 2003 Date</td><td style="border: none;">_____ Name: Daniel J. Devine</td></tr><tr><td style="border: none;">_____, 2003 Date</td><td style="border: none;">_____ Name: Young Jai Lee</td></tr><tr><td style="border: none;">_____, 2003 Date</td><td style="border: none;">_____ Name: Yao Zhi Hu</td></tr><tr><td style="border: none;"><u>12/15</u>, 2003 Date</td><td style="border: none;"> Name: Peter C. Bordiga</td></tr></table>	_____, 2003 Date	_____ Name: Paul J. Timans	_____, 2003 Date	_____ Name: Daniel J. Devine	_____, 2003 Date	_____ Name: Young Jai Lee	_____, 2003 Date	_____ Name: Yao Zhi Hu	<u>12/15</u> , 2003 Date	 Name: Peter C. Bordiga	<p>Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:</p> <table style="width: 100%; border: none;"><tr><td style="width: 30%; border: none;">_____, 2003 Date</td><td style="width: 70%; border: none;">_____ Date</td></tr><tr><td style="border: none;">_____, 2003 Date</td><td style="border: none;">_____ Date</td></tr><tr><td style="border: none;">_____, 2003 Date</td><td style="border: none;">_____ Date</td></tr><tr><td style="border: none;">_____, 2003 Date</td><td style="border: none;">_____ Date</td></tr><tr><td style="border: none;"><u>12/15</u>, 2003 Date</td><td style="border: none;"><u>12/15</u>, 2003 Date</td></tr></table>	_____, 2003 Date	_____ Date	_____, 2003 Date	_____ Date	_____, 2003 Date	_____ Date	_____, 2003 Date	_____ Date	<u>12/15</u> , 2003 Date	<u>12/15</u> , 2003 Date
_____, 2003 Date	_____ Name: Paul J. Timans																				
_____, 2003 Date	_____ Name: Daniel J. Devine																				
_____, 2003 Date	_____ Name: Young Jai Lee																				
_____, 2003 Date	_____ Name: Yao Zhi Hu																				
<u>12/15</u> , 2003 Date	 Name: Peter C. Bordiga																				
_____, 2003 Date	_____ Date																				
_____, 2003 Date	_____ Date																				
_____, 2003 Date	_____ Date																				
_____, 2003 Date	_____ Date																				
<u>12/15</u> , 2003 Date	<u>12/15</u> , 2003 Date																				

Assignment Document Return Address:

Customer Number 21833
Boulder Patent Services, Inc.
1021 Gapter Road
Boulder, Colorado 80303
(303) 499-3859

State of: _____ }
County of: _____ } SS.

On this _____ day of _____, 2003, before me, _____,
the undersigned Notary Public, personally appeared **Paul J. Timans** [] 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/she executed it.
WITNESS my hand and official seal.

Notary's Signature

State of: _____ }
County of: _____ } SS.

On this _____ day of _____, 2003, before me, _____,
the undersigned Notary Public, personally appeared **Daniel J. Devine** [] 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/she executed it.
WITNESS my hand and official seal.

Notary's Signature

State of: _____ }
County of: _____ } SS.

On this _____ day of _____, 2003, before me, _____,
the undersigned Notary Public, personally appeared Young Jai Lee [] 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/she executed it.
WITNESS my hand and official seal.

Notary's Signature

State of: _____ }
County of: _____ } SS.

On this _____ day of _____, 2003, before me, _____,
the undersigned Notary Public, personally appeared Yao Zhi Hu [] 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/she executed it.
WITNESS my hand and official seal.

Notary's Signature

State of: California }
County of: Sonoma } SS.

On this 17th day of December, 2003, before me, Lisa Ann Wambold,
the undersigned Notary Public, personally appeared Peter C. Bordiga [] 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/she executed it.
WITNESS my hand and official seal.

Lisa Ann Wambold
Notary's Signature

