

MRB

05-19-1998

1595 Attorney Docket No.: AKT 1743 (169001)  
R SHEET

4-30-98



100715065

Assistant Commissioner for Patents

Document

1. Name of conveying party(ies):  
**Quanyuan Shang, Robert McCormick Robertson,  
Kam S. Law, Taekyung Won, Takako Takehara, Sheng  
Sun**

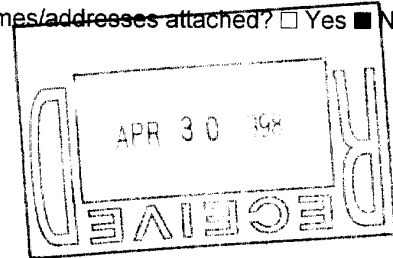
2. Name and address of receiving party(ies):  
**Applied Komatsu Technology, Inc.  
No. 1, 7 ban 2-chome, Nishishinjuku  
Tokyo, Japan**

Additional name(s) attached? ☐ Yes ☒ No

Additional names/addresses attached? ☐ Yes ☒ No

3. Nature of conveyance:

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



Execution Date: **11/24/97; 11/25/97; 11/26/97;  
11/25/97; 11/25/97; and 11/25/97, respectively**

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

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

A. Patent Application No.(s):

B. Patent No.(s):

**08/965,939**

Additional numbers attached? ☐ Yes ☒ No

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

**Mark D. Wieczorek  
Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450A  
Santa Clara, CA 95052**

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

7. Total fee (37 CFR 3.41): **\$40**

- ☒ Enclosed  
☐ Authorized to charge deposit account

8. Deposit account number: **06-1050**

If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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 the attached is the original document.*

**Mark D. Wieczorek**

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **13**

05/18/1998 TTON11 00000110 08965939

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40.00 CP

Date of Deposit

4/30/98

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

**NANCY SVENDSEN GRANT**

PATENT

**Nancy Svendsen Grant**  
REEL 5167 FRAME 0878

**ASSIGNMENT FOR APPLICATION FOR PATENT**

**WHEREAS:**

Names and Addresses  
of Inventors:

- 1) Quanyuan Shang  
1507 Johnson Avenue, San Jose, CA 95129
- 2) Robert McCormick Robertson  
900 Pepper Tree Lane, #1422, Santa Clara, CA 95051
- 3) Kam S. Law  
461 Riveria Drive, Union City, CA 94587
- 4) Taekyung Won  
900 Pepper Tree Lane, #1113, Santa Clara, CA 95051
- 5) Takako Takehara  
2811 Colony View Place, Hayward, CA 94541
- 6) Sheng Sun  
1971 Via Reggio Ct., San Jose, CA 95132

(hereinafter referred to as Assignors), have invented a certain invention entitled:

***ANNEALING AN AMORPHOUS FILM USING MICROWAVE ENERGY***

for which application for Letters Patent in the United States was  
executed on even date herewith; and

WHEREAS, Applied Komatsu Technology, Inc., a corporation of Japan, having a place of  
business at No. 1, 7 ban 2-chome, Nishishinjuku, Tokyo, Japan (hereinafter referred to as Assignee),  
is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred  
to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and  
to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and  
in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred  
to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by  
said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and  
exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights  
to apply for patents on said Invention in any and all countries pursuant to the International Convention  
for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and  
any and all Patents granted on said Invention in any and all countries and groups of countries,  
including each and every Application filed and each and every Patent granted on any application which

is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.


2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) 11/24, 1997

  
\_\_\_\_\_  
Quanyuan Shang

2) \_\_\_\_\_, 1997

\_\_\_\_\_  
Robert McCormick Robertson

3) \_\_\_\_\_, 1997

\_\_\_\_\_  
Kam S. Law

4) \_\_\_\_\_, 1997

\_\_\_\_\_  
Takako Takehara

5) \_\_\_\_\_, 1997

\_\_\_\_\_  
Taekyung Won

6) \_\_\_\_\_, 1997

\_\_\_\_\_  
Sheng Sun

43254

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

- 1) Quanyuan Shang  
1507 Johnson Avenue, San Jose, CA 95129
- 2) Robert McCormick Robertson  
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- 3) Kam S. Law  
461 Riveria Drive, Union City, CA 94587
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1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which

is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1) \_\_\_\_\_, 1997

\_\_\_\_\_  
Quanyuan Shang

2) November 25, 1997

Robert McCormick Robertson  
Robert McCormick Robertson

3) \_\_\_\_\_, 1997

\_\_\_\_\_  
Kam S. Law

4) \_\_\_\_\_, 1997

\_\_\_\_\_  
Takako Takehara

5) \_\_\_\_\_, 1997

\_\_\_\_\_  
Taekyung Won

6) \_\_\_\_\_, 1997

\_\_\_\_\_  
Sheng Sun

43254

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

- 1) Quanyuan Shang  
1507 Johnson Avenue, San Jose, CA 95129
- 2) Robert McCormick Robertson  
900 Pepper Tree Lane, #1422, Santa Clara, CA 95051
- 3) Kam S. Law  
461 Riveria Drive, Union City, CA 94587
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NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which

is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

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|    |               |      |                            |
|----|---------------|------|----------------------------|
| 1) | _____         | 1997 | _____                      |
|    |               |      | Quanyuan Shang             |
| 2) | _____         | 1997 | _____                      |
|    |               |      | Robert McCormick Robertson |
| 3) | <u>Nov 26</u> | 1997 | <u>Kam S. Law</u>          |
|    |               |      | Kam S. Law                 |
| 4) | _____         | 1997 | _____                      |
|    |               |      | Takako Takehara            |
| 5) | _____         | 1997 | _____                      |
|    |               |      | Taekyung Won               |
| 6) | _____         | 1997 | _____                      |
|    |               |      | Sheng Sun                  |

43254

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

- 1) Quanyuan Shang  
1507 Johnson Avenue, San Jose, CA 95129
- 2) Robert McCormick Robertson  
900 Pepper Tree Lane, #1422, Santa Clara, CA 95051
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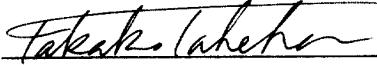
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| 1) | _____              | 1997 | _____   | Quanyuan Shang             |
| 2) | _____              | 1997 | _____   | Robert McCormick Robertson |
| 3) | _____              | 1997 | _____   | Kam S. Law                 |
| 4) | <u>November 25</u> | 1997 | <u></u> | Takako Takehara            |
| 5) | _____              | 1997 | _____   | Taekyung Won               |
| 6) | _____              | 1997 | _____   | Sheng Sun                  |

43254

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

- 1) Quanyuan Shang  
1507 Johnson Avenue, San Jose, CA 95129
- 2) Robert McCormick Robertson  
900 Pepper Tree Lane, #1422, Santa Clara, CA 95051
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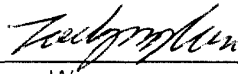
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| 2) | _____          | 1997 | _____  | Robert McCormick Robertson |
| 3) | _____          | 1997 | _____  | Kam S. Law                 |
| 4) | _____          | 1997 | _____  | Takako Takehara            |
| 5) | <u>Nov. 25</u> | 1997 |  | Taekyung Won               |
| 6) | _____          | 1997 | _____  | Sheng Sun                  |

43254

**ASSIGNMENT FOR APPLICATION FOR PATENT**

WHEREAS:

Names and Addresses  
of Inventors:

- 1) Quanyuan Shang  
1507 Johnson Avenue, San Jose, CA 95129
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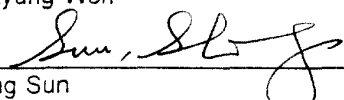
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| 6) | <u>NOV. 25</u> | 1997 |  | Sheng Sun                  |

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