

06-29-2000



101392697

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)	<input type="text" value="Festa, John J."/>	Execution Date Month Day Year	<input type="text" value="06 06 00"/>
Name (line 2)	<input type="text"/>		
<b>Second Party</b>		Execution Date Month Day Year	
Name (line 1)	<input type="text" value="Bennett, Darryl"/>		<input type="text" value="06 07 00"/>
Name (line 2)	<input type="text"/>		

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

06/23/2000 NPRASASO 00000053 09525556

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40.00 DP

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Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**PATENT**  
**REEL: 010875 FRAME: 0097**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments. #

**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)**

<input type="text" value="09/525,556"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

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<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>

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.

**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. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account

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

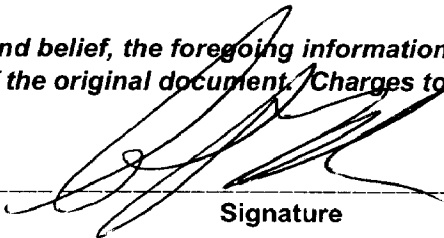
Deposit Account Number: #

Authorization to charge additional fees: Yes  No

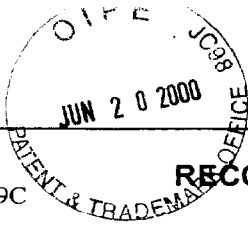
**Statement and Signature**

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.

Name of Person Signing

  
Signature

Date



FORM PTO-1619C  
Expires 06/30/99  
OMB 0651-0027

# RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

## Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) **Bailey, Joel B.**

Execution Date  
Month Day Year  
**06 06 00**

Name (line 2)

Name (line 1) **Overzet, Lawrence J.**

Execution Date  
Month Day Year  
**06 09 00**

Name (line 2)

Name (line 1) **Khater, Marwan H.**

Execution Date  
Month Day Year  
**06 09 00**

Name (line 2)

## Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

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Address (line 3) City State/Country Zip Code

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## Application Number(s) or Patent Number(s)

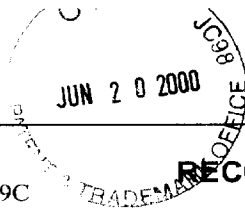
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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)





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Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>
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ASSIGNMENT

WHEREAS, **John J. Festa** a citizen of the United States of America residing at 3205 St. Germain Drive, McKinney, Texas, 75070; **Darryl Bennett** a citizen of the United States of America residing at 8539 Stillwater Drive, Dallas, Texas, 75243; **Joel Brad Bailey** a citizen of the United States of America residing at 9042 Angora Street, Dallas, Texas, 75218; **Lawrence J. Overzet** a citizen of the United States residing at 877 Harvest Glen Drive, Plano, Texas, 75023; **Marwan H. Khater** a citizen of Jordan residing at 7760 McCallum Boulevard, Dallas, Texas, 75252; and **Siva K. Kanakasabapathy** a citizen of India residing at 2400 Waterview Parkway, Richardson, Texas, 75080 (hereinafter "the Assignors") have invented certain new and useful improvements in the production of semiconductor wafers, next generation lithography masks, and optical photomasks for which an application for United States Letters Patent was filed on March 15, 2000, Serial No. 09/525,556 entitled, PARTICLE CONTAMINATION CLEANING FROM SUBSTRATES USING PLASMAS, REACTIVE GASES, AND MECHANICAL AGITATION, and

WHEREAS, Beta Squared, Inc., (hereinafter "the Assignee"), a corporation organized under the laws of the State of Texas, having a principal place of business at 601 Millennium Drive, Allen, Texas 75013, is desirous of acquiring the entire right, title and interest in and to said application and the invention described therein, and each and

every patent that can be issued on said application and on said invention in the United States of America and in its territories and possessions, and in all countries foreign to the United States of America;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of One Dollar (\$1.00), in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the Assignee the full and exclusive right, title and interest in and to the aforesaid application, the aforesaid invention, and each and every patent that may be issued on the aforesaid invention and application in the United States of America, and in its territories and possessions and also in all countries foreign to the United States of America, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the end of the term or terms for which a patent or patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignors if this Assignment had not been made.

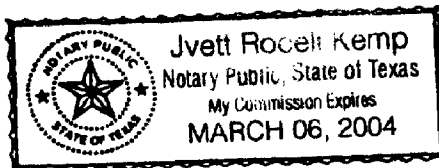
Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent on the aforesaid invention or resulting from the aforesaid application directly to the Assignee.

Assignors hereby authorize the Assignee and its successors to apply for a patent or patents directly in its own name upon the aforesaid invention wherever the same is permitted by law, and also assigns, sells, transfers and sets over unto the

Assignee and its successors all priority rights under the aforesaid application.

Assignors further covenant to execute all additional instruments and to do all things necessary to carry out the purpose of this instrument, at the expense of the Assignee and its successors.

IN WITNESS WHEREOF, Assignors have hereunto set their hands and affixed their seals this 6<sup>th</sup> day of June, 2000.

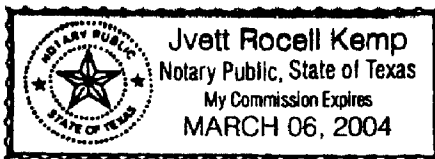


STATE OF )  
 ) ss.:  
COUNTY OF )

On this 6<sup>th</sup> day of June, 2000, before me came **John J. Festa**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

John J. Festa  
John J. Festa

Jvett Kemp  
Notary Public



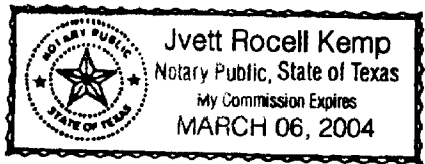
STATE OF )  
 ) ss.:  
COUNTY OF )

On this 7<sup>th</sup> day of JUNE, 2000, before me came **Darryl Bennett**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

Darryl Bennett  
Darryl Bennett


Jvett Kemp  
Notary Public

STATE OF )  
 ) ss.:  
COUNTY OF )



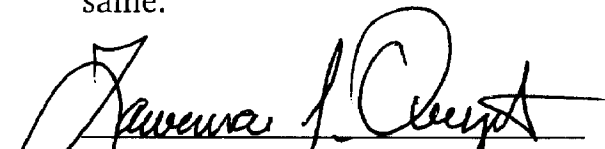
On this 14<sup>th</sup> day of June, 2000, before me came **Joel Brad Bailey**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

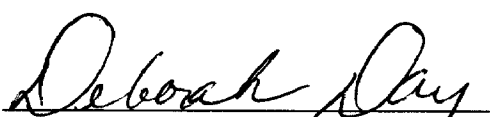
  
\_\_\_\_\_  
Joel Brad Bailey

  
\_\_\_\_\_  
Notary Public

STATE OF )  
 ) ss.:  
COUNTY OF )

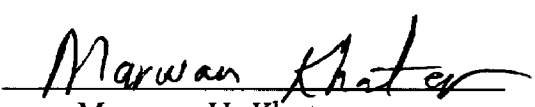
On this 9<sup>th</sup> day of June, 2000, before me came **Lawrence J. Overzet**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

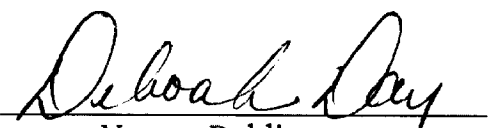
  
\_\_\_\_\_  
Lawrence J. Overzet

  
\_\_\_\_\_  
Notary Public

STATE OF )  
 ) ss.:  
COUNTY OF )

On this 9<sup>th</sup> day of June, 2000, before me came **Marwan H. Khater**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

  
\_\_\_\_\_  
Marwan H. Khater

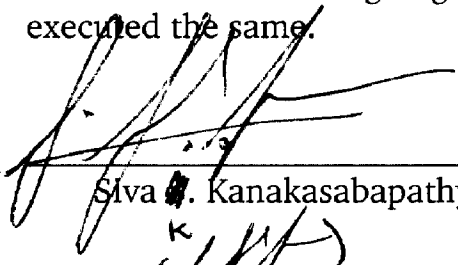
  
\_\_\_\_\_  
Notary Public

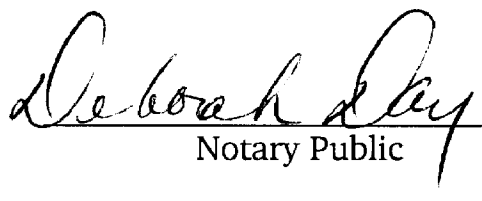


STATE OF )  
 ) ss.:  
COUNTY OF )

On this 9<sup>th</sup> day of June, 2000, before me came **Siva K. Kanakasabapathy**, to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.

*(J.P.F.)*

  
\_\_\_\_\_  
Siva K. Kanakasabapathy

  
\_\_\_\_\_  
Notary Public

*(J.P.F.)*  
WSM/ky