यपार 06-29-2000 U.S. Department of Commerce FORM PTO-1619A **Patent and Trademark Office** OMB 0651-0027 **PATENT** 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 Conveyance Type X **Assignment Security Agreement** New Resubmission (Non-Recordation) License Change of Name **Document ID#** Correction of PTO Error Merger Other Reel # Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel # Frame # **Departmental File** Secret File Mark if additional names of conveying parties attached Execution Date Conveying Party(ies) X Month Day Year Name (line 1) Festa, John J. 06 06 00 Name (line 2) Execution Date Second Party Month Day 06 07 00 Name (line 1) Bennett, Darryl Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) Beta Squared, Inc. is an assignment and the receiving party is not domiciled in the United Name (line 2) a Texas Corporation States, an appointment of a domestic Address (line 1) representative is attached. 601 Millennium Drive (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Allen, Texas 75013 State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name

Address (line 1)

Address (line 2)

Address (line 3)

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PATENT

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Corresponde	ent Name and Address	Area Code and Telephone Numb	er (212) 697-5995
Name [	Anthony Lo Cicero		
Address (line 1)	90 Park Avenue		
Address (line 2)	New York, New York 1001	16	
Address (line 3)	- Address of the Advantage of the Advant		
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(Enter for payment by deposit account or if additional fees can be charged to the account.)  Deposit Account Number: # 01-1785			
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## RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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Enter additional	Conveying Parties	Execution Date Month Day Year
Name (line 1)	Bailey, Joel B.	06 06 00
Name (line 2)		
		Execution Date Month Day Year
Name (line 1)	Overzet, Lawrence J.	06 09 00
Name (line 2)		
Name (line 1)	Khater, Marwan H.	Execution Date Month Day Year  06 09 00
Name (line 2)		
Receiving Pa	arty(ies) Mark if additional names of receiving partie	
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Name (line 1)		If document to be recorded
Name (line 2)		is an assignment and the receiving party is not domiciled in the United
		States, an appointment of a domestic representative
Address (line 1)		is attached. (Designation must be a separate
Address (line 2)		document from Assignment.)
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Address (line 1)		domestic representative is attached. (Designation must
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**PATENT** 

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## CONTINUATION PATENTS ONLY

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

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Name (line 1)	Kanakasabapathy, Siva K.	Month Day Year 06 09 00
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Name (line 2)		Execution Date
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PATENT

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## <u>ASSIGNMENT</u>

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

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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

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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 W day of 2000.

STATE OF

) SS.:

Jvett Rocelt Kemp
Notary Public, State of Texas
My Commission Expires
MARCH 06, 2004

COUNTY OF

)

On this day of 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.

STATE OF

) SS.:

COUNTY OF

Jvett Rocell Kemp
Notary Public, State of Texas
My Commission Expires
MARCH 06, 2004

On this May 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

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STATE OF	) ) ss.:	Jvett Rocell Ken Notary Public, State of Ti My Commission Expires	
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me known and known to	me to be the indivi	2000, before me came Jodual described in, and who to me that he had execute Notary Public	o executed the
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Overzet, to me known an	d known to me to b	, 2000, before me came La be the individual described cknowledged to me that he	l in, and who
Lawrence J. Overze	yd	Seboah ( Notary Public	ay
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On this <i>Que</i> to me known and known foregoing instrument, and	day of Juny, to me to be the indicate the acknowledged	2000, before me came Maridual described in, and we to me that he had execute	arwan H. Khater, who executed the d the same.

Manyan H Khater

Notary Public

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COUNTY OF )	STATE OF )	
$ \qquad \qquad \bigcirc \qquad \qquad \bigcirc \qquad \qquad \bigcirc \qquad \qquad \bigcirc \qquad \bigcirc \qquad \bigcirc \qquad \bigcirc \qquad $	COUNTY OF )	(1/(L))
On this day of the , 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.  Siva . Kanakasabapathy  Notary Public	who executed the foregoing in executed the same.	strument, and he acknowledged to me that he had

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RECORDED: 06/20/2000