FORM PTO-1595(Modified) 09 - 22 - 1	1998 U.S. DEPARTMENT OF COMMERCE		
RE IN	[EET PATENT AND TRADEMARK OFFICE		
To the Honorable Commissioner (100835	attached original documents or copy thereof:		
1. Name of conveying party(ies):	2. Name and address of receiving party(ies): 2		
1. Young Kwon	Name: S3 Incorporated		
Additional name(s) of conveying party(ies) attached? ☑ Yes □ No	Internal Address:		
3. Nature of Conveyance:	Street Address: 2801 Mission College Boulevard		
☑ Assignment □ Merger			
☐ Security Agreement ☐ Change of Name	City: Santa Clara		
Other:	State: CA Zip: 95052-8058		
	Additional name(s) & address(es) attached?		
Execution Date: 1. September 2, 1998	☐ Yes ☑ No		
A. Patent Application No.(s): B. Patent No.(s): Additional numbers attached? □ Yes ☑ No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]		
Name: Sanjay Prasad	7. Total fee (37 CFR 3.41): \$40.00		
Internal Address: Fenwick & West LLP	☑ Enclosed		
Street Address: Two Palo Alto Square	☑ Fee Transmittal Enclosed		
City: Palo Alto State: CA Zip Code: 94306			
8. Deposit Account No.: 19-2555			
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 any attached copy is a true copy of the original document. Sanjay Prasad, 36,247 Attorney, Reg No. O9/21/1998 DIGITED Total number of pages including cover sheet, attachments, documents: [8]			
01 FC:581 40.00 W Mail documents to be recorded with required cover sheet information to:			
Box Assignment, Commissioner For Patents and Trademarks Washington, D.C. 20231			
Case Docket No.: 3069 US			

Title of Document: FORM PTO-1595(Modified)

Page 2

Re: Title:

Vertically Stackable Integrated Circuit

Attorney Docket No.:

3069 US

Filed: Serial No.: Even Date Herewith Not Yet Assigned

Name of Conveying Parties (Continued)

- 2. Jon Ewanich
- 3. Bill Gervasi
- 4. Paul Franklin

Date of Execution of Assignment (Continued)

- 2. August 31, 1998
- 3. August 28, 1998
- 4. August 31, 1998

Date of Execution of Application/Declaration (Continued)

- 2. August 31, 1998
- 3. August 28, 1998
- 4. August 31, 1998

PATENT

2

REEL: 9459 FRAME: 0466

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 S3 Incorporated, a Delaware corporation, having a place of business at 2801 Mission

college Blvd., P.O. Box 58058, Santa Clara, California 95052-8058 ("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: "Vertically Stackable Integrated Circuit" ("APPLICATION"), which:
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.
Date of
Name and Signature Signature
Mylll 2.1998
State of California
County of Santa Clara On September 2, 1998 before me, Dana Character personally [NOTARY PUBLIC]
appeared <u>JOUNG</u> personally known to me or proved to me on the basis of Joung Kwon
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
Dana Chevaler
Notary Seal Notary
Dana Chavallar
Case Docket # 3069 US Case Docket # 3069 US Case Docket # 3069 US

SANTA CLARA COUNTY Comm. Exp. Sept. 30, 2001 **REEL: 9459 FRAME: 0467**

Re: Title: Vertically Stackable Integrated Circuit Filed: (if applicable) Serial No.: (if applicable)		
Name and Signature Jon Ewanich State of	Date of Signature Aug 31,1998	
County of		personally (PUBLIC] oved to me on the basis of
satisfactory evidence to be the me that he executed the same	e person whose name is subscribed to the within instantial in his authorized capacity, and that by his signature hich the person acted, executed the instrument.	strument and acknowledged to
Notary Seal	Notary	
Name and Signature	Date of Signature	
	,199	
Bill Gervasi State of County of		
County of	[NOTARY	PUBLIC]
satisfactory evidence to be the me that he executed the same	e person whose name is subscribed to the within ins in his authorized capacity, and that by his signature hich the person acted, executed the instrument.	
Notary Seal	Notary	

PATENT REEL: 9459 FRAME: 0468

Title of Document: ASSIGNMENT

PATENT

Title of Document: ASSIGNMENT		
Re: Title: Ve Filed: (if applicable) Serial No.: (if applicable)	ertically Stackable Integrated Circuit	
Name and Signature Paul Franklin State of County of		
On	before me,	personally
[DA]	TE] [NOTARY PUB	BLIC]
appeared	personally known to me or proved to	to me on the basis of
Paul Frankli		
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.		

Notary

3

Case Docket # 3069 US

Notary Seal

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 S3 Incorporated, a Delaware corporation, having a place of business at 2801 Mission College Blvd., P.O. Box 58058, Santa Clara, California 95052-8058 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

	e right, title, and interest in all inventions and improvements		
("SUBJECT MATTER") that are disclosed in the application for United States Letters Patent entitled:			
"Vertically Stackable Integrated Circumstate to the State beautiful.	uit" ("APPLICATION"), which:		
☑ is to be filed herewith	, 199, now bearing U.S. serial number 08/		
•	ed by INVENTOR on the date(s) below; and		
	right, title, and interest in and to:		
	y right of priority; (b) any divisional, continuation, substitute,		
	plications thereto which have been or may be filed in the United		
	any patents which may be granted on the applications set forth in		
(a) and (b) above.			
	may apply for and receive patents for SUBJECT MATTER in		
ASSIGNEE's own name.			
carry out the intent of this Assignment: (1) exe other papers necessary or desirable to fully secur communicate to ASSIGNEE all known facts relacts that ASSIGNEE shall consider desirable for relating to the SUBJECT MATTER and for vest INVENTOR further agrees to provide any success and assistance provided to ASSIGNEE hereunder INVENTOR represents that INVENTO and covenants with ASSIGNEE that the INVENTO	OR has the rights, titles, and interests to convey as set forth herein, ENTOR has made or will make hereafter no assignment, grant,		
mortgage, license, or other agreement affecting the	he rights, titles, and interests herein conveyed.		
This Assignment may be executed in or and all of which may be taken together as one and	ne or more counterparts, each of which shall be deemed an original d the same Assignment.		
, J	Date of		
Name and Signature	Signature		
Name and Signature	Signature		
	,199		
Young Kwon			
State of			
County of			
On	before me, personally		
[DATE]	[NOTARY PUBLIC]		
appeared	personally known to me or proved to me on the basis of		
Young Kwon	and to such control to the anishing instrument and a decorated and to		
	me is subscribed to the within instrument and acknowledged to capacity, and that by his signature on the instrument the person, ed, executed the instrument.		
Notary Seal	Notary		

Case Docket # 3069 US

Title of Document: ASSIGNMENT		
Re: Title: Vertically Stackable Integrated Circuit Filed: (if applicable) Serial No.: (if applicable)		
Name and Signature	Date of Signature	
Jon Ewanich		
State of		
County ofOn	hefore me nerconally	
[DATE]	before me, personally [NOTARY PUBLIC]	
appearedJon Ewanich	personally known to me or proved to me on the basis of	
Jon Ewanich		
satisfactory evidence to be the person whose nan	ne is subscribed to the within instrument and acknowledged to	
	apacity, and that by his signature on the instrument the person,	
or the entity upon behalf of which the person acte	a, executed the instrument.	
Notary Seal	Notary	
Notary Scar	Hotary	
	Date of	
Name and Signature	Signature	
a n n .		
Dell Nem	28AUG ,1998	
Bill Gervasi		
State of CALIFORNIA		
County of SANTA CLARA On AUGUST 28, 1998	before me DOWALO M TOHUSOM personally	
ID A TELL	before me, Donard M. Johnson personally [NOTARY PUBLIC]	
appeared BILL GELVASI	personally known to me or proved to me on the basis of	
Bill Gervasi		
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to		
me that he executed the same in his authorized capacity, and that by his signature on the instrument the person,		
or the entity upon behalf of which the person acted, executed the instrument.		
	Would the John	
N. C. 1	10 Hours	

Notary Seal

DONALD M. JOHNSON COMM. # 1081092 COUNTY OF SANTA CLARA

Comm. Exp. Dec. 25, 1999

PATENT

Title of Document: ASSIGNMENT Re: Title: **Vertically Stackable Integrated Circuit** Filed: (if applicable) Serial No.: (if applicable) Date of Name and Signature Signature .199 Paul Franklin State of _____ County of ____ _____ personally [DATE] [NOTARY PUBLIC] appeared ____ _ personally known to me or proved to me on the basis of Paul Franklin satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

3

Notary

Case Docket # 3069 US

RECORDED: 09/08/1998

Notary Seal