# 506854522 09/03/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6901343

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
KHANDKER NAZRUL QUADER	01/30/2019
ROBERT NORMAN	01/30/2019
FRANK SAI-KEUNG LEE	01/30/2019
CHRISTOPHER J. PETTI	05/13/2019
SCOTT BRAD HERNER	05/10/2019
SIU LUNG CHAN	01/30/2019
SAYEEF SALAHUDDIN	01/30/2019
MEHRDAD MOFIDI	01/30/2019
ELI HARARI	01/30/2019

# **RECEIVING PARTY DATA**

Name:	SUNRISE MEMORY CORPORATION
Street Address:	225 CHARCOT AVENUE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95131

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17467011

# **CORRESPONDENCE DATA**

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 4086205501

Email: patents@vlplawgroup.com
Correspondent Name: VLP LAW GROUP, LLP

Address Line 1: 555 BRYANT STREET SUITE 820
Address Line 4: PALO ALTO, UNITED STATES 94301

ATTORNEY DOCKET NUMBER:	SRM-023 US C1
NAME OF SUBMITTER:	ANGELA WENDEL

PATENT 506854522 REEL: 057386 FRAME: 0833

SIGNATURE:	/angela wendel/
DATE SIGNED:	09/03/2021

# **Total Attachments: 16**

source=20190130 SRM-023 US V1\_TPO\_Assignments\_signed#page1.tif source=20190130 SRM-023 US V1 TPO Assignments signed#page2.tif source=20190130 SRM-023 US V1 TPO Assignments signed#page3.tif source=20190130 SRM-023 US V1 TPO Assignments signed#page4.tif source=20190130\_SRM-023 US V1\_TPO\_Assignments\_signed#page5.tif source=20190130\_SRM-023 US V1\_TPO\_Assignments\_signed#page6.tif source=20190130 SRM-023 US V1 TPO Assignments signed#page7.tif source=20190215 SRM 023 US V2 TPO Assignments signed#page1.tif source=20190215\_SRM\_023\_US\_V2\_TPO\_Assignments\_signed#page2.tif source=20190215 SRM 023 US V2 TPO Assignments signed#page3.tif source=20190215 SRM 023 US V2 TPO Assignments signed#page4.tif source=20190215 SRM 023 US V2 TPO Assignments signed#page5.tif source=20190215\_SRM\_023\_US\_V2\_TPO\_Assignments\_signed#page6.tif source=20190215\_SRM\_023\_US\_V2\_TPO\_Assignments\_signed#page7.tif source=20190514 SRM 023 US V3 TPO assignments signed#page1.tif source=20190514 SRM 023 US V3 TPO assignments signed#page2.tif

> PATENT REEL: 057386 FRAME: 0834

I, Eli HARARI, residing at Saratoga, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Sunrise Memory Corporation, (hereinafter referred to as "Assignee"), a corporation organized under the laws of Delaware, with an address of 140 W. Main St., 2nd Floor, Los Gatos, California 95032, the entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to, individually and collectively, as "Invention") and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Assignee all patents, for the Invention, or patents resulting therefrom.

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Ali Harry	/,	30,(9
Eli HARARI	Date	
For and on behalf of Sunrise Memory Co	rporation	
	, 	
Signature	Date	
Name: <u>NOAM KEDEA</u> Title: <u>Wernhams</u>		

I. Robert Norman, residing at Pendleton, Oregon, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

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Robert Norman

For and on behalf of Sunrise Memory Corporation

**PATENT** 

**REEL: 057386 FRAME: 0836** 

I, Sayeef Salahuddin, residing at Walnut Creek, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

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Sayeef Salahuddin	Date				
For and on behalf of Sunrise Memory C	orporation				
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Signature	Date				
Name: <u>/ 10/4/4                                   </u>					
Title: <u>OYSKA7104</u> \$					

I, Khandker Nazrul Quader, residing at Santa Clara, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

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Handfer N. Quader Jan 30, 2019

Khandker Nazrul Quader Date

For and on behalf of Sunrise Memory Corporation

Signature

Date

Name:

I, Mehrdad Mofidi, residing at Los Altos Hills, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

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Mehrdad Mofidi

Date

For and on behalf of Sunrise Memory Corporation

Signature

Date

Name: North Keney

Title: Open North

I, Siu Lung Chan, residing at San Jose, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

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95	1/30/	19
Siu Lung Chan	Date	
For and on behalf of Sunrise Memory (	Corporation	
	1/30/19	
Signature	Date /	
Name: <u>10/4/1 KCD</u>		
Title: <u>역원은에서 에</u>		

I, Frank Sai-keung Lee, residing at San Jose, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/798,673, filed January 30, 2019;

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Frank Sai-keung Lee

Date

Por and on behalf of Sunrise Memory Corporation

Joly 2019

Signature

Date

Name: 12019

Date

I. Khandker Nazrul QUADER, residing at Santa Clara, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/803,689, filed February 11, 2019;

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Eli HARARI	Date			***************************************
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For and on behalf of Sunrise Memory C	Corporation	**		
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Signature	Date		*	
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Laurot Calahuddin

### ASSIGNMENT

I, Sayeef SALAHUDDIN, residing at Walnut Creek, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/803,689, filed February 11, 2019;

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2,13,2019

Sayedi SALAHUDDIN	Date	
For and on behalf of Sunrise Memo	ry Comoration	
	22.19	
Signature	Date	
Name: <u>                                    </u>		

I, Robert NORMAN, residing at Pendicton, Oregon, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/803,689, filed February 11, 2019;

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Robert NORMAN

For and on behalf of Sunrise Memory Corporation

Signature

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For and on behalf of Sunrise Memory Co	rporation	94°		
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Name: <u>                                    </u>			esi esi	
Title: <u>OPERATION</u>		A Section 1		

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Mehrdad MOFIDI	Date	
		×.
For and on behalf of Sunrise Memor	v Corporation	
	2/11/19	
Signature	Date	
Name: 1044 1/806/4 Title: 086847707/4		

I, Frank Sai-keung LEE, residing at San Jose, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/803,689, filed February 11, 2019:

NOW, THEREFORE, for good and valuable consideration; the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Sunrise Memory Corporation, (hereinafter referred to as "Assignee"), a corporation organized under the laws of Delaware, with an address of 140 W. Main St., 2nd Floor, Los Gatos, California 95032, the entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to, individually and collectively, as "Invention") and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation—in–part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Assignee all patents, for the Invention, or patents resulting therefrom.

I also hereby assign and transfer, and hereby agree to assign and transfer, to Assignee all right, title and interest to any and all applications for patent for the Invention throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world.

2ª £ 1	2/11/2019		
Frank Sqi-Keimg LEE	Date	*	~~;
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For and on behalf of Sunrise Memory Corpor	ation		
		211/2019	-22
Signature	Date		
Name: <u>//0/4/////////////////////////////////</u>		w w	

I, Scott Brad HERNER, residing at Lafayette, Colorado, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to us "Application") application serial number 62/843,733, filed May 6, 2019;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I hereby assign and transfer, and hereby agree to assign and transfer, to Sunrise Memory Corporation, (hereinafter referred to as "Assignee"), a corporation organized under the laws of Delaware, with an address of 140 W. Main St., 2nd Floor, Los Gatos, California 95032, the entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to, individually and collectively, as "Invention") and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Assignee all patents, for the Invention, or patents resulting therefrom.

I also hereby assign and transfer, and hereby agree to assign and transfer, to Assignee all right, title and interest to any and all applications for patent for the Invention throughout the world, including all rights of priority resulting from the filing of the Application or any related application, including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world,

I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith, and generally do everything possible and necessary to perfect all rights, title and interest hereby assigned and transferred, and hereby agreed to be assigned and transferred, in and to Assignee.

For and on behalf of Sunrise Memory Corporation

Signature

Name:

**PATENT** 

REEL: 057386 FRAME: 0849

I. Christopher J. PETTI, residing at Mountain View, California, am an inventor of the subject matter described and claimed in a provisional patent application entitled "Device with Embedded High-Bandwidth, High-Capacity Memory using Wafer Bonding," (hereinafter referred to as "Application") application serial number 62/843,733, filed May 6, 2019;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I hereby assign and transfer, and hereby agree to assign and transfer, to Sunrise Memory Corporation, (hereinafter referred to as "Assignee"), a corporation organized under the laws of Delaware, with an address of 140 W. Main St., 2nd Floor, Los Gatos, California 95032, the entire right, title and interest in and to any and all inventions and improvements that are disclosed in the Application (hereinafter referred to, individually and collectively, as "Invention") and to the Application and all patents which may be granted therefrom, and all related applications (e.g., provisional applications, divisional applications, reissues, reexaminations, continuation applications, continuation-in-part applications, extensions thereof, design applications, applications in foreign countries, international applications, national phase applications, and the like). I hereby authorize and request the Commissioner of Patents and Trademarks to issue to Assignee all patents. for the Invention, or patents resulting therefrom.

I also hereby assign and transfer, and hereby agree to assign and transfer, to Assignee all right, title and interest to any and all applications for patent for the Invention throughout the world, including all rights of priority resulting from the filing of the Application or any related application. including but not limited to: the right to file applications and obtain patents, utility models, industrial models and designs for the Invention throughout the world, the right to claim priority from the Application or any related application when filing applications and obtaining patents, utility models, industrial models and designs for the Invention throughout the world.

I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith, and generally do everything possible and necessary to perfect all rights, title and interest hereby assigned and transferred, and hereby agreed to be assigned and transferred, in and to Assignee.

	May	13 20	19	·
Christopher J. PETTI	Date 7			

For and on behalf of Sunrise Memory Corporation

**PATENT REEL: 057386 FRAME: 0850** 

RECORDED: 09/03/2021