	06-27-20	02		
FORM PTO-1595	10213695	5	CE SHEET	
To the Honorable Commissioner of Pr			Attorney Docket No. <u>P177-US</u> ne attached original documents or copy thereof.	
			nd address of receiving party(ies):	
1. Name of conveying party(ies): 6.18102 Gary W. Grube Igor Y. Khandros		Name:	FormFactor, Inc.	
Benjamin N. Eldridge Gae	etan L. Mathieu n-Chiang Tseng	-	: 2140 Besearch Drive -	
Additional name(s) of conveying party(ies)	attached? [] Yes [X] No		Livermore, CA 94550	
3. Nature of conveyance:			Livermore, CA 94550	
[x] Assignment [] Security Agreement [] Merger] Change of Name		(<u>)</u>	
Other:		Additional nam	ne(s) & address(es) attached? [] Yes [X] No	
Execution Date: June 11, 2002				
4. Application number(s) or patent	t number(s):			
If this document is being filed to March 1, 2002	ogether with a new appli	cation, the ex	ecution date of the application is:	
A. Patent Application No.(s)		B. Patent N	lo.(s)	
10/087,081				
	Additional numbers atta	ched? [] Yes	[X] No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total numb	ber of applications and patents involved: one	
-	lame: Legal Department		37 CFR 3.41):\$ 40.00	
			ed	
Company: FormFactor, Inc.		[x] Authori necess	ized to be charged to deposit account, if ary	
Address: <u>2140 Research Driv</u>		8. Deposit ac	count number:	
Livermore, CA 945	<u> </u>	50-02	85	
	DO NOT USE	THIS SPACE		
document. <u>N. Kenneth Burraston</u> Name of Person Signing Reg. No. 39.923	<u>M. Klum</u>	Signature	and any attached copy is a true copy of the original 	
/2002 LMUELLER 00000215 500285 10087081 Do not detach this portion				
A 40.00 CH Mail documents to be recorded with required cover sheet information to:				
Commissioner of Patents and Trademarks Box Assignment Washington, D.C. 20231				
Public burden reporting for this sample of reviewing the document and gathering the this burden estimate to the U.S. Patent a the Office of Management and Budget, F	cover sheet is estimated to av ne data needed, and completi and Trademark Office, Office Paperwork Reduction Project	erage about 30 n ng and reviewing of Information Sy (0651-0011), Wa	ninutes per document to be recorded, including time for the sample cover sheet. Send comments regarding rstems, PK2-1000C, Washington, D.C. 20231, and to ashington, D.C. 20503.	

PATENT REEL: 013021 FRAME: 0046

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 FormFactor, Inc., a Delaware corporation, having a place of business at 2140 Research Drive, Livermore, CA 94550 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

- 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: Method Of Manufacturing A Probe Card ("APPLICATION"), which:
 is to be filed herewith
 was filed on March 1, 2002, now bearing U.S. Serial No.: 10/087,081 and for which a Declaration was executed by INVENTOR on the date(s) below; and
- The entire worldwide right, title, and interest in and to:

 (a) the APPLICATION, including any right of priority;
 (b) any divisional, continuation, substitute, renewal, reissue, and other related applications which have been or may be filed in the United States or elsewhere in the world; and (c) any patents which may be granted on the applications set forth in (a) and (b) above.

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 right, title, 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.

Name & Signature	Date of Signature	Execution Date of Declaration	
	5.24-02	5.24.02	
Gary W. Grube	5.24-02	5-24-02	
Igor Y, Khandros	7 5-24-62	5-24-62	

- 1 -

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

Name & Signature	Date of Signature	Execution Date of Declaration
Gatter L. Matter	3/38/62	5/28-62
Gaetan L. Mathieu	ана" — — — — — — — — — — — — — — — — — — —	······································
and we wind	6111102	6/11/02
Poya Lotfizadeh		
CH China	5/29/02	5/29/02

Chih-Chiang Tseng

PATENT REEL: 013021 FRAME: 0048

Title of Document: Assignment for P177-US Inventor(s): Gary W. Grube et al. Title of Application: Method Of Manufacturing A Probe Card Application No. 10/087,081

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Alameda

On $\underline{Ma_{4} 24_{1} 2002}$, before me, <u>Patti Crowder, Notary Public</u>, personally appeared <u>Gary W. Grube</u> personally known to me or proved to me on the basis of 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.



WITNESS my hand and Official Seal

Jaci Conde

State of California

County of Alameda

On $\underline{\mathcal{M}_{A-1}}$ 2012, before me, <u>Patti Crowder</u>, <u>Notary Public</u>, personally appeared <u>Igor Y. Khandros</u> personally known to me or proved to me on the basis of 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.

[SEAL]



WITNESS my hand and Official Seal

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Title of Document: Assignment for P177-US Inventor(s): Gary W. Grube et al. Title of Application: Method Of Manufacturing A Probe Card Application No. 10/087,081

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Alameda

On $\underline{1 \\ a_{1} \\ a_{2} \\ a_{2} \\ before me, Patti Crowder, Notary Public, personally appeared Benjamin N. Eldridge personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.$

[SEAL]



WITNESS my hand and Official Seal

Faca Cond-

State of California

County of Alameda

On <u>May 28, 2002</u> before me, <u>Patti Crowder, Notary Public</u>, personally appeared <u>Gaetan L. Mathieu</u> personally known to me or proved to me on the basis of 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.

[SEAL]



WITNESS my hand and Official Seal

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Title of Document: Assignment for P177-US Inventor(s): Gary W. Grube et al. Title of Application: Method Of Manufacturing A Probe Card Application No. 10/087,081

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

State of California

County of Alameda

On $\underline{Max}(h, 2000)$ before me, <u>Patti Crowder, Notary Public</u>, personally appeared <u>Poya Lotfizadeh</u> personally known to me or proved to me on the basis of 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.

[SEAL]



WITNESS my hand and Official Seal

A and CINC

State of California

County of Alameda

On <u>May29</u>, 2002 before me, <u>Patti Crowder, Notary Public</u>, personally appeared <u>Chih-Chiang Tseng</u> personally known to me or proved to me on the basis of 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.

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[SEAL]



WITNESS my hand and Official Seal

Pain Crosse