# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Kenneth A. Costello	04/03/2007
Kevin P. Fairbairn	04/18/2007
David W. Brown	04/03/2007
Yun Chung	03/23/2007
Patricia Gober	04/03/2007
Edward Yin	04/03/2007

#### **RECEIVING PARTY DATA**

Name:	Intevac, Inc.
Street Address:	3560 Bassett Street
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11290384

### **CORRESPONDENCE DATA**

Fax Number: (650)625-8110

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-625-8100

Email: dtuchel@sughrue.com
Correspondent Name: Sughrue Mion, PLLC

Address Line 1: 401 Castro Street, Suite 220

Address Line 4: Mountain View, CALIFORNIA 94041

ATTORNEY DOCKET NUMBER:	CA1602
NAME OF SUBMITTER:	Joseph Bach
	PATENT

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Total Attachments: 10
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Whereas, We, Kenneth A. Costello of Union City, CA, Kevin P. Fairbairn of Los Gatos, CA, David W. Brown of Pleasanton, CA, Yun Chung of San Jose, CA, Patricia Gober of Santa Clara, CA and Edward Yin of Cupertino, CA, hereinafter called Assignor(s), have invented certain improvements in BACKSIDE IMAGING THROUGH A DOPED LAYER and executed an application for Letters Patent of the United States of America therefore on; and
Whereas, <b>INTEVAC</b> , <b>INC</b> ., 3560 Bassett Street, Santa Clara, CA 95054 (Assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.
We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 401 Castro
Street, Mountain View, CA 94041-2007 to insert here in parentheses (Application number 11/290,384 and Confirmation number 9326, filed November 30, 2005) the application number and filing date of said application when known.
Date:
s/Kenneth A. COSTELLO
Date:
s/Kevin P. FAIRBAIRN
Date:
s/David W. BROWN
Date: In also
Date:
s/Patricia GOBER
Date:

s/Edward YIN

### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	1
County of SANTA CLARA	f · · ·
On MARCH 23, 2007 before me, M. /	KAthleen Sinclair
personally appeared Yun Chung	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
personally appeared YUN Chung	Name(s) of Signer(s)
	personally known to me
	$\hfill\Box$ (or proved to me on the basis of satisfactory evidence)
• •	to be the person(s) whose name(s) is/are subscribed to the
	within instrument and acknowledged to me that
	he/she/they executed the same in his/her/their authorized
	capacity(ies), and that by his/her/their signature(s) on the
	instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
	which the person(s) acted, executed the instrument.
	WITNESS my hand and official seal.
	( L
Place Notary Seal Above	Cionatura M Labelen Lencken
	Signature of Notary Public
<b></b>	IONAL
Though the information below is not required by law, it and could prevent fraudulent removal and re	may prove valuable to persons relying on the document attachment of this form to another document.
Description of Attached Document  Title or Type of Document:	INMENT. DUCKET CA 1602
/	/
Document Date:	Number of Pages:/
Signer(s) Other Than Named Above: K. Costollo	K. FAIRBAIRN, DAVID BROWN, P. Suber, E. YIN
J. J	
	1
Capacity(ies) Claimed by Signer(s) Signer's Name: YUNCHUNG	Signer's Name:
Signer's Name: <u>rune name of</u> L⊒-Individual	☐ Individual
☐ Corporate Officer — Title(s):	☐ Corporate Officer— Title(s):
☐ Partner — ☐ Limited ☐ General RIGHTTHUMBPRIN	Dortner Dimital Departs
Attorney in Fact OFSIGNER	☐ Attorney in Fact OF SIGNER Top of thumb here
☐ Trustee Top of thumb here	□ Trustee
☐ Guardian or Conservator	☐ Guardian or Conservator
Other:	Other:
Signer Is Representing:	Signer Is Representing:
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Whereas, We, Kenneth A. Costello of Union City, CA, Kevin P. Fairbairn of Los Gatos, CA, David W. Brown of Pleasanton, CA, Yun Chung of San Jose, CA, Patricia Gober of Santa Clara, CA and Edward Yin of Cupertino, CA, hereinafter called Assignor(s), have invented certain improvements in BACKSIDE IMAGING THROUGH A DOPED LAYER and executed an application for Letters Patent of the United States of America therefore on  ; and  Whereas, INTEVAC, INC., 3560 Bassett Street, Santa Clara, CA 95054 (Assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any
United States patents to be obtained therefore;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.
We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 401 Castro Street, Mountain View, CA 94041-2007 to insert here in parentheses (Application number 11/290,384 and Confirmation number 9326, filed November 30, 2005) the application number and filing date of said application when known.
Date: Opril 3, 2007 Menth a. Cashlo s/Kenneth A. COSTELLO
Date:
s/Kevin P. FAIRBAIRN
Date: April 3,2007 Jan 9. R. S/David W. BROWN
Date:
s/Yun CHUNG
Date:
s/Patricia GOBER
Date:

s/Edward YIN

#### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California  County of Sawha Clara  On April 3, 2007 before me,  personally appeared	M. KAMITEN SINC/AIR  Name and Title of Offiger (e.g., "Jane Doe, Notary Public")  BROWN & Kenneth A. Costello  Name(s) of Signer(s)
	personally known to me
	$\hfill\Box$ (or proved to me on the basis of satisfactory evidence)
M. KARLEEN SINCLAR Commission # 1412325 Notary Public - Collionia Santa Clara County My Comm. Expires May 17, 2007	to be the person(s) whose name(s) is/are subscribed to the within, instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
	WITNESS my hand and official seal.
Place Notary Seal Above	Signature M Kashelae Anclair Signature of Notary Public
	PTIONAL  w, it may prove valuable to persons relying on the document
and could prevent fraudulent removal ar	nd reattachment of this form to another document.
Description of Attached Document Title or Type of Document:	gNM eNT
Document Date: N/A	Number of Pages:
Signer(s) Other Than Named Above: Yun C	426 - 125 N
Capacity(ies) Claimed by Signer(s)  Signer's Name: Kenneth H. (ostello  Individual  Corporate Officer — Title(s):  Partner — □ Limited □ General  Attorney in Fact  Trustee  Guardian or Conservator  Other:  Signer Is Representing: Self	R ☐ Attorney in Fact ☐ OF SIGNER

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1 issistificate
Whereas, We, Kenneth A. Costello of Union City, CA, Kevin P. Fairbairn of Los Gatos, CA, David W. Brown of Pleasanton, CA, Yun Chung of San Jose, CA, Patricia Gober of Santa Clara, CA and Edward Yin of Cupertino, CA, hereinafter called Assignor(s), have invented certain improvements in BACKSIDE IMAGING THROUGH A DOPED LAYER and executed an application for Letters Patent of the United States of America therefore on; and
Whereas, <b>INTEVAC</b> , <b>INC.</b> , 3560 Bassett Street, Santa Clara, CA 95054 (Assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.
We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 401 Castro Street, Mountain View, CA 94041-2007 to insert here in parentheses (Application number 11/290,384 and Confirmation number 9326, filed November 30, 2005) the application number and filing date of said application when known.  Date:
s/Kenneth A. COSTELLO
Date:
s/Kevin P. FAIRBAIRN  Date: s/David W. BROWN
Date:
Date: 4/3/07 Mula John
Date:

s/Edward YIN

## .-PURPOSE ACKNOWLEDGMENT State of California personally known to me $\square$ (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the M. KATHLEEN SINCLAIR within instrument and acknowledged to me that Commission # 1412325 he/she/they executed the same in his/her/their authorized Notary Public - California capacity(ies), and that by his/her/their signature(s) on the Santa Clara County instrument the person(s), or the entity upon behalf of My Comm. Expires May 17, 2007 which the person(s) acted, executed the instrument. WITNESS my hand and official seal. Place Notary Seal Above **OPTIONAL** Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Assignment Title or Type of Document: Number of Pages: Document Date: \_ Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: PATRICIA Guber Signer's Name: Individual ☐ Individual ☐ Corporate Officer — Title(s):\_ ☐ Corporate Officer — Title(s): □ Partner — □ Limited □ General □ Partner — □ Limited □ General ☐ Attorney in Fact ☐ Attorney in Fact Top of thumb here Top of thumb here □ Trustee □ Trustee ☐ Guardian or Conservator ☐ Guardian or Conservator □ Other: . ☐ Other:\_

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Signer Is Representing: Self

Item No. 5907 v609

Signer Is Representing:

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Whereas, We, Kenneth A. Costello of Union City, CA, Kevin P. Fairbairn of Los Gatos, CA, David W. Brown of Pleasanton, CA, Yun Chung of San Jose, CA, Patricia Gober of Santa Clara, CA and Edward Yin of Cupertino, CA, hereinafter called Assignor(s), have invented certain improvements in BACKSIDE IMAGING THROUGH A DOPED LAYER and executed an application for Letters Patent of the United States of America therefore on; and
Whereas, <b>INTEVAC</b> , <b>INC</b> ., 3560 Bassett Street, Santa Clara, CA 95054 (Assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefore;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.
We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 401 Castro Street, Mountain View, CA 94041-2007 to insert here in parentheses (Application number 11/290,384 and Confirmation number 9326, filed November 30, 2005) the application number and filing date of said application when known.
Date:
s/Kenneth A. COSTELLO
Date:
s/Kevin P. FAIRBAIRN
Date: s/David W. BROWN
Date:
s/Yun CHUNG
Date:
s/Patricia GOBER

s/Edward YIN

### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT State of California SANTA CLARA [3, 2007 before me, M. KATMEN SINCLAIR Name and Title of Officer (e.g., "Jane Doe, Notary Public") personally appeared Name(s) of Signer(s) personally known to me ☐ (or proved to me on the basis of satisfactory evidence) M. KATHLEEN SINCLAIR Commission # 1412325 to be the person(s) whose name(s) is/are subscribed to the Notary Public - California Santa Clara County within instrument and acknowledged to me that My Comm. Expires May 17, 2007 he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(\$) acted, executed the instrument. WITNESS my hand and official seal. Place Notary Seal Above Signature OPTIONAL Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document. **Description of Attached Document** Detext Assignment Title or Type of Document: Document Date: Kenneth Costello, Kevin P. FAIRBARAN, DAVID W. BROWN, YUN Chergo, PATRICIA GUBOR Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Signer's Name: 1 Individual □ Individual ☐ Corporate Officer — Title(s): ☐ Corporate Officer — Title(s):\_ □ Partner — □ Limited □ General ☐ Partner — ☐ Limited ☐ General ☐ Attornev in Fact ☐ Attorney in Fact Top of thumb here Top of thumb here □ Trustee □ Trustee ☐ Guardian or Conservator ☐ Guardian or Conservator □ Other: \_ ☐ Other:. Signer Is Representing: Signer Is Representing: selt

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Item No. 5907 v609

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		Assignment
	Clara, certain	Whereas, We, Kenneth A. Costello of Union City, CA, Kevin P. Fairbairn of Los Gatos, avid W. Brown of Pleasanton, CA, Yun Chung of San Jose, CA, Patricia Gober of Santa CA and Edward Yin of Cupertino, CA, hereinafter called Assignor(s), have invented improvements in BACKSIDE IMAGING THROUGH A DOPED LAYER and executed ication for Letters Patent of the United States of America therefore on ; and
		Whereas, INTEVAC, INC., 3560 Bassett Street, Santa Clara, CA 95054 (Assignee), to acquire the entire right, title, and interest in the application and invention, and to any States patents to be obtained therefore;
		Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
	invention including we request granted and we we will	We, the above named assignors, hereby sell, assign and transfer to the above named e, its successors and assigns, the entire right, title and interest in the application and the on disclosed therein for the United States of America and all countries foreign thereto, and rights of priority under the International Convention of Paris (1883) as amended, and lest the Director of the U.S. Patent and Trademark Office to issue any Letters Patent upon the invention set forth in the application to the assignee, its successors and assigns; hereby agree that the assignee may apply for foreign Letters Patent on the invention and execute without further consideration all papers deemed necessary by the assignee in tion with the United States and foreign applications when called upon to do so by the e.
	Street, 11/290.	We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 401 Castro Mountain View, CA 94041-2007 to insert here in parentheses (Application number 384 and Confirmation number 9326, filed November 30, 2005) the application number ng date of said application when known.
18Ap07	Date:	KHairh A. COSTELLO
	Data	s/Kevin P. FAIRBAIRN
	Date:	s/David W. BROWN
	Date:	What was a second of the secon
	-	s/Yun CHUNG
	Date:	
		s/Patricia GOBER
	Date:	

s/Edward YIN

#### CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	. }
On april 18 2007 before me, M.	Kathleen Sinclain
personally appeared Kevin P. J	Name and Title of Officer (e.g., "Jane Doe, Notary Public")
Name(s) of Signer(s)	
	Dersonally known to me
	(or proved to me on the basis of satisfactory evidence)
M. KATHLEEN SINCLAIR Commission # 1412325 Notary Public - California \$ Santa Clara County My Comm. Exples May 17, 2007	to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ne/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
\	NITNESS my hand and official seal.
Place Notary Seal Above S	Signature Signature of Notary Public
Though the information below is not required by law, it m and could prevent fraudulent removal and rea	any prove valuable to persons relying on the document ttackment of this form to another document
Description of Attached Document Asked Assignment Title or Type of Document:	
Document Date: N/A	Number of Pages:
Signer(s) Other Than Named Above: F. Corpus, Short Charles, Gland Gine Charles, July Charles, Educad Yin	
Capacity(ies) Claimed by Signer(s).  Signer's Name: KOUIN FAIRBAIRD  Individual  Corporate Officer — Title(s):	Signer's Name:  □ Individual □ Corporate Officer — Title(s):
☐ Partner ─ ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:	☐ Partner — ☐ Limited ☐ General ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other:
Signer Is Representing:	Signer Is Representing:

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**RECORDED: 05/04/2007**