

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2993157

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARC LAVERDIERE	08/27/2008
JAMES CEDRONE	09/16/2008
GEORGE GONNELLA	08/29/2008
IRAJ GASHGAEI	09/22/2008
PAUL MAGOON	09/09/2008
TIMOTHY J. KING	09/02/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ENTEGRIS, INC.
<b>Street Address:</b>	129 CONCORD ROAD
<b>City:</b>	BILLERICA
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01821-4600
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14466115
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	512 637 9220
<b>Email:</b>	DNARVAIZ@SPRINKLELAW.COM
<b>Correspondent Name:</b>	SPRINKLE IP LAW GROUP
<b>Address Line 1:</b>	1301 W. 25TH STREET
<b>Address Line 2:</b>	SUITE 408
<b>Address Line 4:</b>	AUSTIN, TEXAS 78705
<b>ATTORNEY DOCKET NUMBER:</b>	ENTG1590-3
<b>NAME OF SUBMITTER:</b>	KATHARINA W. SCHUSTER
<b>SIGNATURE:</b>	/KATHARINA W. SCHUSTER/
<b>DATE SIGNED:</b>	08/22/2014
<b>Total Attachments: 30</b>	

PATENT

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- 1 of 5 -

ASSIGNMENT

This Assignment is made by Marc Laverdiere, of Wakefield, MA; James Cedrone, of Braintree, MA; George Gonnella, of Pepperell, MA; Iraj Gashgaei, of Malborough, MA; Paul Magoon, of Merrimack, NH; and Timothy J. King, of Sudbury, MA ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled "SYSTEM AND METHOD FOR A VARIABLE HOME POSITION DISPENSE SYSTEM" for which an application for United States Letters Patent was made on April 24, 2007, bearing an application number of 11/666,124; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.** having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

- 2 of 5 -

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 27<sup>th</sup> day of August, 2008.

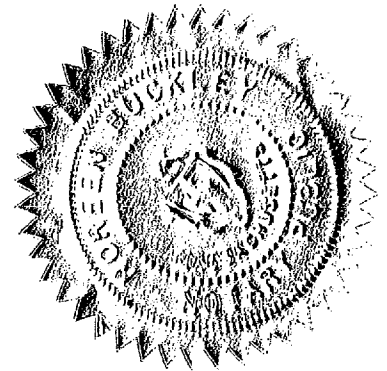
Marc Laverdiere  
Marc Laverdiere

State of Massachusetts )  
County of Middlesex )ss

On this day and year aforesaid, before me personally appeared Marc Laverdiere, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Noreen Buckley  
Signature  
Noreen Buckley  
Printed Name, Notary Public  
My commissioner expires: 11/6/09

Noreen Buckley  
Notary Public  
My Commission Expires  
November 6, 2009



- 3 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## James Cedrone

State of \_\_\_\_\_ )  
 )ss  
County of \_\_\_\_\_ )

On this day and year aforesaid, before me personally appeared James Cedrone, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## George Gonnella

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared George Gonnella, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires:

- 4 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Iraj Gashgaei

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Iraj Gashgaei, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public  
My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Paul Magoon

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Paul Magoon, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public  
My commissioner expires: \_\_\_\_\_

- 5 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Timothy J. King

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Timothy J. King, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 1 of 5 -

ASSIGNMENT

This Assignment is made by **Marc Laverdiere**, of Wakefield, MA; **James Cedrone**, of Braintree, MA; **George Gonnella**, of Pepperell, MA; **Iraj Gashgaei**, of Malborough, MA; **Paul Magoon**, of Merrimack, NH; and **Timothy J. King**, of Sudbury, MA ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled "**SYSTEM AND METHOD FOR A VARIABLE HOME POSITION DISPENSE SYSTEM**" for which an application for United States Letters Patent was made on **April 24, 2007**, bearing an application number of **11/666,124**; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.** having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.



- 2 of 5 -

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Marc Laverdiere**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Marc Laverdiere, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 3 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 16 day of September, 2008.

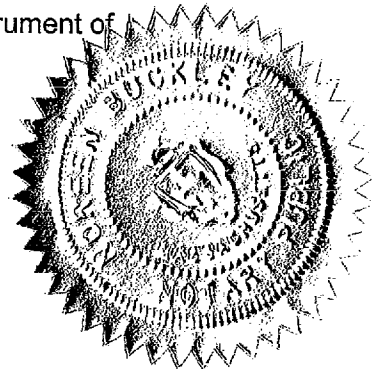
James Cedrone  
James Cedrone

State of Massachusetts )  
County of Middlesex )ss

On this day and year aforesaid, before me personally appeared James Cedrone, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Noreen Buckley  
Signature  
Noreen Buckley  
Printed Name, Notary Public  
My commissioner expires: 11/6/09

Noreen Buckley  
Notary Public  
My Commission Expires  
November 6, 2009



IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
George Gonnella

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared George Gonnella, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name, Notary Public  
My commissioner expires: \_\_\_\_\_

- 4 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Iraj Gashgaei

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Iraj Gashgaei, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Paul Magoon

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Paul Magoon, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 5 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

**Timothy J. King**

State of \_\_\_\_\_ )  
 )ss  
County of \_\_\_\_\_ )

On this day and year aforesaid, before me personally appeared Timothy J. King, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

**Signature**

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 1 of 5 -

ASSIGNMENT

This Assignment is made by Marc Laverdiere, of Wakefield, MA; James Cedrone, of Braintree, MA; George Gonnella, of Pepperell, MA; Iraj Gashgasee, of Malborough, MA; Paul Magoon, of Merrimack, NH; and Timothy J. King, of Sudbury, MA ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled "SYSTEM AND METHOD FOR A VARIABLE HOME POSITION DISPENSE SYSTEM" for which an application for United States Letters Patent was made on April 24, 2007, bearing an application number of 11/666,124; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.** having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

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- 2 of 5 -

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

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IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Marc Laverdiere**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Marc Laverdiere, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 3 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
James Cedrone

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared James Cedrone, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 29th day of August, 2008.

George Gonnella  
George Gonnella

State of Massachusetts )  
County of Middlesex )ss

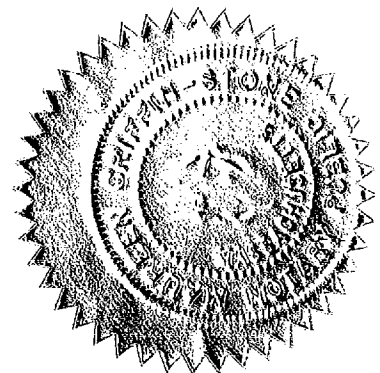
On this day and year aforesaid, before me personally appeared George Gonnella, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Maureen Griffin-Stone  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

Maureen Griffin-Stone  
Notary Public  
My Commission Expires  
March 27, 2009







- 5 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

**Timothy J. King**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this day and year aforesaid, before me personally appeared Timothy J. King, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 1 of 5 -

ASSIGNMENT

This Assignment is made by **Marc Laverdiere**, of Wakefield, MA; **James Cedrone**, of Braintree, MA; **George Gonnella**, of Pepperell, MA; **Iraj Gashgasee**, of Malborough, MA; **Paul Magoon**, of Merrimack, NH; and **Timothy J. King**, of Sudbury, MA ("Assignors").

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- 2 of 5 -

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IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
**Marc Laverdiere**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Marc Laverdiere, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 3 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## James Cedrone

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared James Cedrone, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## George Gonnella

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared George Gonnella, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 4 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 22 day of SEP, 2008.

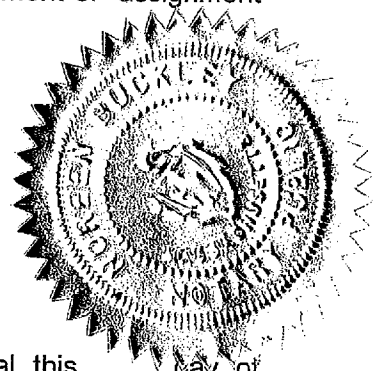
Iraj Gashgaei  
Iraj Gashgaei

State of Massachusetts )  
County of Middlesex )ss

On this day and year aforesaid, before me personally appeared Iraj Gashgaei, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Noreen Buckley  
Signature  
Noreen Buckley  
Printed Name, Notary Public  
My commissioner expires: 11/6/09

Noreen Buckley  
Notary Public  
My Commission Expires  
November 6, 2009



IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_\_ day of \_\_\_\_\_, 2008.

Paul Magoon  
Paul Magoon

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Paul Magoon, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature  
\_\_\_\_\_  
Printed Name, Notary Public  
My commissioner expires: \_\_\_\_\_

- 5 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Timothy J. King

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Timothy J. King, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 1 of 5 -

ASSIGNMENT

This Assignment is made by **Marc Laverdiere**, of **Wakefield, MA**; **James Cedrone**, of **Braintree, MA**; **George Gonnella**, of **Pepperell, MA**; **Iraj Gashgaae**, of **Malborough, MA**; **Paul Magoon**, of **Merrimack, NH**; and **Timothy J. King**, of **Sudbury, MA** ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled "**SYSTEM AND METHOD FOR A VARIABLE HOME POSITION DISPENSE SYSTEM**" for which an application for United States Letters Patent was made on **April 24, 2007**, bearing an application number of **11/666,124**; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.** having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

- 2 of 5 -

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Marc Laverdiere

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Marc Laverdiere, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public  
My commissioner expires: \_\_\_\_\_



- 3 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## James Cedrone

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared James Cedrone, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## George Gonnella

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared George Gonnella, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature \_\_\_\_\_

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_



- 5 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

**Timothy J. King**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Timothy J. King, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 1 of 5 -

ASSIGNMENT

This Assignment is made by Marc Laverdiere, of Wakefield, MA; James Cedrone, of Braintree, MA; George Gonnella, of Pepperell, MA; Iraj Gashgaaee, of Malborough, MA; Paul Magoon, of Merrimack, NH; and Timothy J. King, of Sudbury, MA ("Assignors").

WHEREAS, Assignors have invented a new and useful invention entitled "SYSTEM AND METHOD FOR A VARIABLE HOME POSITION DISPENSE SYSTEM" for which an application for United States Letters Patent was made on April 24, 2007, bearing an application number of 11/666,124; and

WHEREAS, Assignors believe themselves to be the original inventors of the invention including any and all improvements disclosed in said application ("Invention"); and

WHEREAS, the parties desire to have a recordable instrument assigning the entire right, title and interest in and to said Invention, said application, on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application for protection ("Applications"), and any patents, invention registrations or other forms of protection ("Patents") that may be granted for said Invention from any Applications in the United States and throughout the world;

NOW, THEREFORE, in accordance with the obligations to assign the Invention and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign, and transfer to **Entegris, Inc.** having a principal place of business at **3500 Lyman Boulevard, Chaska, MN 55318** (hereinafter referred to as "Assignee"), the entire right, title, and interest in and to said Invention, said Applications and any Patents that may be granted for said Invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties, or otherwise.

Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and/or their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing the Patents in the United States and throughout the world for said Invention, and for perfecting, recording, or maintaining the title of Assignee, its successors and assigns, to said Invention, said application, and any Patents granted for said Invention in the United States and throughout the world.

- 2 of 5 -

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner for Patents of the United States and of all foreign countries to issue any Patents granted for said Invention, whether on said application or on any subsequently filed divisional, continuation, continuation-in-part, re-examination, reissue or other application, to Assignee, its successors and assigns, as the assignee of the entire interest in said Invention.

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

\_\_\_\_\_  
Marc Laverdiere

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared Marc Laverdiere, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

- 3 of 5 -

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## James Cedrone

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )ss

On this day and year aforesaid, before me personally appeared James Cedrone, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_

IN WITNESS WHEREOF, I hereby set my hand and affix my seal this \_\_\_\_ day of \_\_\_\_\_, 2008.

## George Gonnella

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

On this day and year aforesaid, before me personally appeared George Gonnella, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

Signature

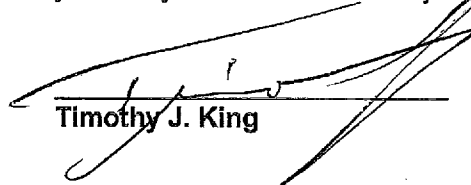
Printed Name, Notary Public

My commissioner expires: \_\_\_\_\_




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IN WITNESS WHEREOF, I hereby set my hand and affix my seal this 2nd day of September, 2008.

  
Timothy J. King

State of Massachusetts )  
County of Middlesex )ss

On this day and year aforesaid, before me personally appeared Timothy J. King, known to me to be the person described in and the person who executed the foregoing instrument of assignment and he did acknowledge the same to be his free act and deed.

  
Signature  
Noreen Buckley  
Printed Name, Notary Public  
My commissioner expires: 11/6/09

Noreen Buckley  
Notary Public  
My Commission Expires  
November 6, 2009

