

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																				
NATURE OF CONVEYANCE:	ASSIGNMENT																				
CONVEYING PARTY DATA																					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Robert Ellis Doe</td> <td>03/28/2013</td> </tr> <tr> <td>Craig Michael Downie</td> <td>03/28/2013</td> </tr> <tr> <td>Christopher Fischer</td> <td>03/28/2013</td> </tr> <tr> <td>George Hamilton Lane</td> <td>04/16/2013</td> </tr> <tr> <td>Dane Morgan</td> <td>04/12/2013</td> </tr> <tr> <td>Josh Nevin</td> <td>04/13/2013</td> </tr> <tr> <td>Gerbrand Ceder</td> <td>03/29/2013</td> </tr> <tr> <td>Kristin Aslaug Persson</td> <td>03/29/2013</td> </tr> <tr> <td>David Eaglesham</td> <td>03/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Robert Ellis Doe	03/28/2013	Craig Michael Downie	03/28/2013	Christopher Fischer	03/28/2013	George Hamilton Lane	04/16/2013	Dane Morgan	04/12/2013	Josh Nevin	04/13/2013	Gerbrand Ceder	03/29/2013	Kristin Aslaug Persson	03/29/2013	David Eaglesham	03/28/2013
Name	Execution Date																				
Robert Ellis Doe	03/28/2013																				
Craig Michael Downie	03/28/2013																				
Christopher Fischer	03/28/2013																				
George Hamilton Lane	04/16/2013																				
Dane Morgan	04/12/2013																				
Josh Nevin	04/13/2013																				
Gerbrand Ceder	03/29/2013																				
Kristin Aslaug Persson	03/29/2013																				
David Eaglesham	03/28/2013																				
RECEIVING PARTY DATA																					
<table border="1"> <tr> <td>Name:</td> <td>Pellion Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>625 Mount Auburn Street</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 105</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02138</td> </tr> </table>		Name:	Pellion Technologies, Inc.	Street Address:	625 Mount Auburn Street	Internal Address:	Suite 105	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02138								
Name:	Pellion Technologies, Inc.																				
Street Address:	625 Mount Auburn Street																				
Internal Address:	Suite 105																				
City:	Cambridge																				
State/Country:	MASSACHUSETTS																				
Postal Code:	02138																				
PROPERTY NUMBERS Total: 4																					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13794508</td> </tr> <tr> <td>Application Number:</td> <td>13794440</td> </tr> <tr> <td>Application Number:</td> <td>13794551</td> </tr> <tr> <td>PCT Number:</td> <td>US1330224</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13794508	Application Number:	13794440	Application Number:	13794551	PCT Number:	US1330224										
Property Type	Number																				
Application Number:	13794508																				
Application Number:	13794440																				
Application Number:	13794551																				
PCT Number:	US1330224																				
CORRESPONDENCE DATA																					
Fax Number: 6177346037 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																					

CH \$160.00 13794508

Phone: 617-699-9909
Email: joseph.milstein@mzwiplaw.com
Correspondent Name: Milstein Zhang & Wu LLC
Address Line 1: 2000 Commonwealth Avenue, Suite 400
Address Line 4: Newton, MASSACHUSETTS 02466-2004

ATTORNEY DOCKET NUMBER:	PEL-0001A, B, D, PCT
-------------------------	----------------------

NAME OF SUBMITTER:	Joseph B. Milstein
--------------------	--------------------

Signature:	/Joseph B. Milstein/
------------	----------------------

Date:	04/30/2013
-------	------------

Total Attachments: 8

source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page1.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page2.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page3.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page4.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page5.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page6.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page7.tif
source=2013-04-23 JOINT ASSIGNMENT PRO PCT A B D - EXECUTED#page8.tif

JOINT ASSIGNMENT

WE, **Robert Ellis Doe, Craig Michael Downie, Christopher Fischer, George Hamilton Lane, Dane Morgan, Josh Nevin, Gerbrand Ceder, Kristin Aslaug Persson, and David Eaglesham**, believe that we are the inventors of the subject matter disclosed in the applications for patent (hereinafter "the invention or inventions") identified herein as:

LAYERED MATERIALS WITH IMPROVED MAGNESIUM INTERCALATION FOR RECHARGEABLE MAGNESIUM ION CELLS, Attorney Docket Number **PEL-0001A**, which application for patent was filed on **March 11, 2013** and has been assigned Serial No. **13/794,440** by the United States Patent and Trademark Office;

LAYERED MATERIALS WITH IMPROVED MAGNESIUM INTERCALATION FOR RECHARGEABLE MAGNESIUM ION CELLS, Attorney Docket Number **PEL-0001B**, which application for patent was filed on **March 11, 2013** and has been assigned Serial No. **13/794,508** by the United States Patent and Trademark Office;

LAYERED MATERIALS WITH IMPROVED MAGNESIUM INTERCALATION FOR RECHARGEABLE MAGNESIUM ION CELLS, Attorney Docket Number **PEL-0001D**, which application for patent was filed on **March 11, 2013** and has been assigned Serial No. **13/794,551** by the United States Patent and Trademark Office; and

LAYERED MATERIALS WITH IMPROVED MAGNESIUM INTERCALATION FOR RECHARGEABLE MAGNESIUM ION CELLS, Attorney Docket Number **PEL-0001PCT**, which application for patent was filed on **March 11, 2013** and has been assigned International Application No. **PCT/US13/30224** by the United States Patent and Trademark Office as Receiving Office.

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, transfer and set over to **Pellion Technologies, Inc.**, a corporation having a principal place of business at 625 Mt Auburn Street, Suite 105, Cambridge MA 02138 (hereinafter designated as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the applications for patent identified herein (the "applications") in the United States, its territories, dependencies and possessions, his or her entire right, title, and interest in the applications, and his or her entire right, title and interest in the invention or inventions as regards all other national jurisdictions and international entities that have the power to grant patents, wherever situated, including without limitation all applications for patent which claim priority to and/or the benefit of the subject matter disclosed in the applications for patent identified herein, including any provisional application, utility application, design application, and/or plant application, as well as any continuation application, divisional application, continuation-in-part application, reissue application, reexamination application, patent interference proceeding, foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

In addition to the above assignment, each of the undersigned agrees to execute all papers necessary in connection with the applications and any continuing applications, divisional

Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224

Date Filed: MARCH 11, 2013

Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

applications, or continuations-in-part thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

Each of the undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning these applications or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.


Each of the undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Each of the undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said applications or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed and will not execute, any agreement in conflict herewith.

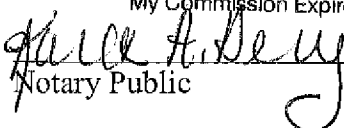
In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Date: 3/28/13 Signature:  (SEAL)
Robert Ellis Doe

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF Middlesex)ss.:

On this 23 day of April, 2013 before me personally came **Robert Ellis Doe** to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

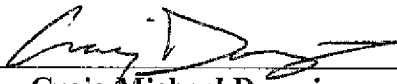
KAREN A. DERY Notary Public
My Commission Expires August 10, 2016

Notary Public

Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224


Date Filed: MARCH 11, 2013

Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

Date: 3/28/13 Signature:  (SEAL)
Craig Michael Downie

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF Middlesex)ss.:

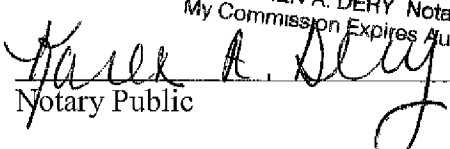
On this 23 day of April, 2013 before me personally came
Craig Michael Downie to me known and known to me to be the person described in and who
executed the within instrument and he/she acknowledged to me that he/she executed the same.

KAREN A. DERY Notary Public
My Commission Expires August 10, 2016

Notary Public

Date: 3/28/13 Signature:  (SEAL)
Christopher Fischer

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF Middlesex)ss.:

On this 23 day of April, 2013 before me personally came
Christopher Fischer to me known and known to me to be the person described in and who
executed the within instrument and he/she acknowledged to me that he/she executed the same.

KAREN A. DERY Notary Public
My Commission Expires August 10, 2016

Notary Public

Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224

Date Filed: MARCH 11, 2013

Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

Date: 16/April/2013

Signature: _____

George Hamilton Lane

(SEAL)

STATE OF TASMANIA, AUSTRALIA

BREAK O'DAY COUNCIL

)

)ss.:

On this _____ day of _____, 201_, before me personally came **George Hamilton Lane** to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

Notary Public or Witness #1

Witness #2

Date: _____

Signature: _____

Dane Morgan

(SEAL)

STATE OF WISCONSIN

COUNTY OF DANE

)

)ss.:

On this _____ day of _____, 201_, before me personally came **Dane Morgan** to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

Notary Public

Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224

Date Filed: MARCH 11, 2013

Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

Date: _____ Signature: _____ (SEAL)
George Hamilton Lane

STATE OF TASMANIA, AUSTRALIA)
BREAK O'DAY COUNCIL)ss.:

On this _____ day of _____, 201_, before me personally came
George Hamilton Lane to me known and known to me to be the person described in and who
executed the within instrument and he/she acknowledged to me that he/she executed the same.

Notary Public or Witness #1

Witness #2

Date: April 12, 2013 Signature: Dane Morgan (SEAL)
Dane Morgan

STATE OF WISCONSIN)
COUNTY OF DANE)ss.:

On this 12th day of April, 2013, before me personally came Dane
Morgan to me known and known to me to be the person described in and who executed the
within instrument and he/she acknowledged to me that he/she executed the same.

County of Dane Dana Christenson
Notary Public

My commission expires April 3, 2016


Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224

Date Filed: MARCH 11, 2013

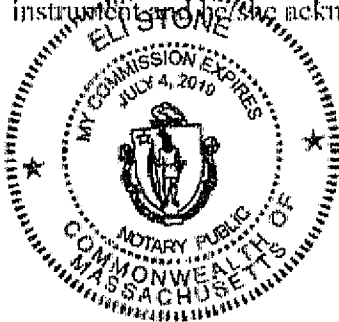
Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

Date: 4/13/13

Signature:  (SEAL)
Josh Nevin

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF MIDDLESEX)ss.:

On this 13TH day of April, 2013, before me personally came Josh Nevin to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.




Notary Public

Date: _____

Signature: _____ (SEAL)
Gerbrand Ceder

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF _____)ss.:

On this _____ day of _____, 201_, before me personally came Gerbrand Ceder to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

Notary Public

Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224

Date Filed: MARCH 11, 2013

Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

Date: _____ Signature: _____ (SEAL)

Josh Nevin

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF _____)ss.:

On this _____ day of _____, 201____, before me personally came Josh Nevin to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

Notary Public

Date: 3/29/13 Signature: _____ (SEAL)

Gerbrand Ceder

COMMONWEALTH OF MASSACHUSETTS)
COUNTY OF Middlesex)ss.:

On this 23 day of April, 2013 before me personally came Gerbrand Ceder to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

KAREN A. DERY Notary Public
My Commission Expires August 10, 2016

Karen A. Dery
Notary Public

Joint Assignment

US Serial Nos. 13/794,440, 13/794,508, 13/794,551 and IA No. PCT/US13/30224

Date Filed: MARCH 11, 2013

Attorney Docket Nos.: PEL-0001A, PEL-0001B, PEL-0001D, PEL-0001PCT

Date: 3/29/2013

Signature: Kristin A. Persson (SEAL)

Kristin Aslaug Persson

STATE OF CALIFORNIA)

COUNTY OF Middlesex) ss.:

On this 23 day of April, 2013 before me personally came **Kristin Aslaug Persson** to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

Karen A. Dery
Notary Public
KAREN A. DERY Notary Public
My Commission Expires August 10, 2016

Date: 3/28/2013

Signature: David Eaglesham (SEAL)

David Eaglesham

COMMONWEALTH OF MASSACHUSETTS)

COUNTY OF Middlesex) ss.:

On this 23 day of April, 2013 before me personally came **David Eaglesham** to me known and known to me to be the person described in and who executed the within instrument and he/she acknowledged to me that he/she executed the same.

Karen A. Dery
Notary Public

KAREN A. DERY Notary Public
My Commission Expires August 10, 2016