

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7248499

|   |                                      |
|---|--------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                           |
| <b>CONVEYING PARTY DATA</b>   |                                      |
| <b>Name</b>   | <b>Execution Date</b>                |
| NOAM KALUSH   | 07/13/2021                           |
| ANAT PARUSH TZUR  | 07/13/2021                           |
| IDAN RICHMAN GOSHEN   | 07/12/2021                           |
| LISA WOO  | 07/12/2021                           |
| EMER FITZPATRICK  | 07/12/2021                           |
| BALAJI DHAMODHARAN  | 07/14/2021                           |
| CHRISTOPHER SCHNEIDER   | 07/13/2021                           |
| JOAO ADALINO LOPES DE MORAES JR   | 07/14/2021                           |
| GUILHERME TORALLES DARLEY   | 07/13/2021                           |
| AMIHAI SAVIR  | 02/14/2021                           |
| EDER CRESPO   | 07/22/2021                           |
| CARLOS AUGUSTO BARRA  | 07/21/2021                           |
| SKYE JONES  | 03/25/2022                           |
| <b>RECEIVING PARTY DATA</b>   |                                      |
| <b>Name:</b>  | EMC IP HOLDING COMPANY LLC           |
| <b>Street Address:</b>  | 176 SOUTH STREET                     |
| <b>City:</b>  | HOPKINTON                            |
| <b>State/Country:</b>   | MASSACHUSETTS                        |
| <b>Postal Code:</b>   | 01748                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| <b>Application Number:</b>  | 17383537                             |
| <b>CORRESPONDENCE DATA</b>  |                                      |
| <b>Fax Number:</b>  | (781)401-9966                        |
| <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>   | 7814019988                           |
| <b>Email:</b>   | mlf@dc-m.com                         |
| <b>Correspondent Name:</b>  | DALY, CROWLEY, MOFFORD & DURKEE, LLP |
| <b>Address Line 1:</b>  | ONE UNIVERSITY AVENUE                |

PATENT

|                        |                               |
|------------------------|-------------------------------|
| <b>Address Line 2:</b> | SUITE 201B                    |
| <b>Address Line 4:</b> | WESTWOOD, MASSACHUSETTS 02090 |

|                                |             |
|--------------------------------|-------------|
| <b>ATTORNEY DOCKET NUMBER:</b> | DELL-148PUS |
|--------------------------------|-------------|

|                           |                |
|---------------------------|----------------|
| <b>NAME OF SUBMITTER:</b> | KIRIL O. DIMOV |
|---------------------------|----------------|

|                   |                  |
|-------------------|------------------|
| <b>SIGNATURE:</b> | /Kiril O. Dimov/ |
|-------------------|------------------|

|                     |            |
|---------------------|------------|
| <b>DATE SIGNED:</b> | 03/28/2022 |
|---------------------|------------|

**Total Attachments: 24**

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## ASSIGNMENT

**WHEREAS**, we, Noam Kalush, Anat Parush Tzur, Idan Richman Goshen, Lisa Woo, Emer Fitzpatrick, Skye Jones, Balaji Dhamodharan, Christopher Schneider, Daniel Coutinho, Joao Adalino Lopes de Moraes Junior, Guilherme Toralles Darley, Lidiane Silva, Amihai Savir, Carlos Barra, Eder Crespo, and Eder Soares have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **METHOD AND APPARATUS FOR CONTRACT ANALYSIS** and identified as Attorney Docket No. DELL-148PUS, the specification of which:

- ☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_.

**WHEREAS**, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with me;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein.

**AND**, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or

PATENT  
Att. Dckt. No.: DELL-148PUS  
Client Case No.: 124688.01

continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we hereby authorize attorneys that we have appointed and EMC IP Holding Company LLC to insert here in parenthesis ( 17/383,537, 7/23/2021 ) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below.



Date: 13/7/21



Inventor's Signature

Print full name of first inventor:

Noam Kalush

Residence:

Citizenship:

Israel

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Anat Parush Tzur

Residence:

Mivza Horev 6  
Beersheba  
ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:  
Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Noam Kalush  
Israel  
Same as above

Date: \_\_\_\_\_ July 13<sup>th</sup>, 2021 \_\_\_\_\_

Print full name of first inventor:  
Residence:  
  
Citizenship:  
Mailing Address:

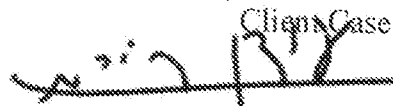
\_\_\_\_\_  
Inventor's Signature  
Anat Parush Tzur  
Mivza Horev 6  
Beersheba  
ISRAEL  
Israel  
Same as above

PATENT

Atty. Dckt. No.: DELL-148PUS

Client Case No.: 124688.01

Date: July 12<sup>th</sup> 2021

  
Inventor's Signature

Print full name of first inventor:

Idan Richman Goshen

Residence:

6 HaMughtar Street

Beersheba 8430510

ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Lisa Woo

Residence:

1143 Columbia Road

Arcadia, CA 91007

Citizenship:

United States

Mailing Address:

Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:


Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Idan Richman Goshen  
6 HaMughtar Street  
Beersheba 8430510  
ISRAEL

Israel  
Same as above

Date: 7-12-21

Print full name of first inventor:  
Residence:  
Citizenship:  
Mailing Address:

  
\_\_\_\_\_  
Inventor's Signature  
Lisa Woo  
1143 Columbia Road  
Arcadia, CA 91007  
United States  
Same as above



PATENT

Atty Dckt No. DELL-148PUS

Client Case No. 124683 01

Date: 12/7/2021

  
Inventor's Signature

Print full name of first inventor  
Residence:

Emer Fitzpatrick  
105 Newtown  
Celbridge W23 AK13  
REPUBLIC OF IRELAND  
Republic of Ireland  
Same as above

Citizenship:  
Mailing Address:

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor  
Residence:

Skye Jones  
421 Allen Circle  
Georgetown, TX 78633  
United States  
Same as above

Citizenship:  
Mailing Address:

PATENT

REEL: 059524 FRAME: 0938

Date: \_\_\_\_\_  
Inventor's Signature

Print full name of first inventor: Emer Fitzpatrick

Residence: 105 Newtown  
Celbridge W23 AK13  
REPUBLIC OF IRELAND

Citizenship: Republic of Ireland

Mailing Address: Same as above

Date: \_\_\_\_\_  
Inventor's Signature

Print full name of first inventor: Skye Jones

Residence: 421 Allen Circle  
Georgetown, TX 78633

Citizenship: United States

Mailing Address: Same as above

Date: 07/14/2021 \_\_\_\_\_  
Inventor's Signature

Print full name of first inventor: Balaji Dhamodharan

Residence: 3409 De Torres Circle  
Apt. 2209  
Round Rock, TX 78665

Citizenship: India

Date: .....

Print full name of first inventor:

Residence:

Citizenship:

Mailing Address:

.....  
Inventor's Signature

Balaji Dhamodharan

3409 De Torres Circle

Apt. 2209

Round Rock, TX 78665

India

Same as above

Date: 07/13/2021 .....

Print full name of first inventor:

Residence:

Citizenship:

Mailing Address:

*Christopher*  
.....

Inventor's Signature

Christopher Schneider

Maria Inacia Teixeira, 154

Vlamaro 94480-575

BRAZIL

Brazil

Same as above

Date: .....

.....  
Inventor's Signature

Print full name of first inventor:

Daniel Coutinho

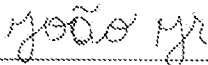
Residence:

Citizenship:

Mailing Address:

Same as above

Date: July 14, 2021 .....

.....  


Inventor's Signature

Print full name of first inventor:

Joao Adalino Lopes de Moraes Junior

Residence:

Oscar Hoff, 437

Guaiba 92726140

BRAZIL

Citizenship:

Brazil

Mailing Address:

Same as above



Date: July 13, 2021

  
Inventor's Signature

Print full name of first inventor:

Guilherme Toralles Darley

Residence:

Souza Costa, AP. 403, 400  
Porto Alegre 91450-140  
BRAZIL

Citizenship:

Brazil

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Lidiane Silva

Residence:

Citizenship:

Mailing Address:

Same as above

Date: .....

Print full name of first inventor:  
Residence:

Citizenship:  
Mailing Address:

.....  
Inventor's Signature  
Guilherme Toralles Darley  
Souza Costa, AP. 403, 400  
Porto Alegre 91450-140  
BRAZIL  
Brazil  
Same as above

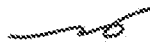
Date: .....

Print full name of first inventor:  
Residence:  
Citizenship:  
Mailing Address:

.....  
Inventor's Signature  
Lidiane Silva  
  
Same as above

Date: Feb 14 2021 .....

Print full name of first inventor:  
Residence:  
  
Citizenship:  
Mailing Address:

  
.....  
Inventor's Signature  
Amihai Savir  
3 Negev M.P.  
Sansana  
ISRAEL  
Israel  
Same as above



PATENT

Atty. Dckt. No.: DELL-148PUS

Client Case No.: 124688.01



Date: July 22/2021 (mlf)

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Eder Crespo

Residence:

Citizenship:

Brazil

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Eder Soares

Residence:

Rua Santa Cecilia

Casa 77, 1433

Ceara 61760-000

Eusebio

BRAZIL

Citizenship:

Brazil

Mailing Address:

Same as above

PATENT

Atty. Dekt. No.: DELL-148PUS

Client Case No.: 124688.01

Date: 07/21/2021

  
Inventor's Signature

Print full name of first inventor:

Carlos Augusto Barra

Residence:

Rua das Araucarias, 132

Indaiatuba / SP

CEP 13336-362

Brazil

Citizenship:

Brazil

Mailing Address:

Same as above

## ASSIGNMENT

**WHEREAS**, we, Noam Kalush, Anat Parush Tzur, Idan Richman Goshen, Lisa Woo, Emer Fitzpatrick, Skye Jones, Balaji Dhamodharan, Christopher Schneider, Daniel Coutinho, Joao Adalino Lopes de Moraes Junior, Guilherme Toralles Darley, Lidiane Silva, Amihai Savir, Carlos Barra, Eder Crespo, and Eder Soares have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **METHOD AND APPARATUS FOR CONTRACT ANALYSIS** and identified as Attorney Docket No. DELL-148PUS, the specification of which:

- ☐ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☒ was filed on 7/23/2021 as U.S. Application No. 17/383,537;
- ☐ was patented under U.S. Patent No. \_\_\_\_\_ on \_\_\_\_\_

**WHEREAS**, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with me;

**NOW, THEREFORE**, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

**AND**, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any

interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

**AND**, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

**AND**, we hereby authorize attorneys that we have appointed and EMC IP Holding Company LLC to insert here in parenthesis (\_\_\_\_\_) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

**IN TESTIMONY WHEREOF**, we have hereunto set our hands and affixed our seals as set forth below:

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Noam Kalush

Residence:

Citizenship:

Israel

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Anat Parush Tzur

Residence:

Mivza Horev 6

Beersheba

ISRAEL

Citizenship:

Israel

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:  
Residence:

Idan Richman Goshen  
6 HaMuchtar Street  
Beersheba 8430510  
ISRAEL

Citizenship:  
Mailing Address:

Israel  
Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:  
Residence:

Lisa Woo  
1143 Columbia Road  
Arcadia, CA 91007

Citizenship:  
Mailing Address:

United States  
Same as above



Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:


Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Emer Fitzpatrick  
105 Newtown  
Celbridge W23 AK13  
REPUBLIC OF IRELAND  
Republic of Ireland  
Same as above

Date: March 25, 2022

Print full name of first inventor:  
Residence:

Citizenship:  
Mailing Address:

  
\_\_\_\_\_  
Inventor's Signature  
Skye Jones  
421 Allen Circle  
Georgetown, TX 78633  
United States  
Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:  
  
Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Balaji Dhamodharan  
3409 De Torres Circle  
Apt. 2209  
Round Rock, TX 78665  
India  
Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:  
  
Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Christopher Schneider  
Maria Inacia Teixeira, 154  
Vlamaro 94480-575  
BRAZIL  
Brazil  
Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Daniel Coutinho

Residence:

Citizenship:

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Joao Adalino Lopes de Moraes Junior

Residence:

Oscar Hoff, 437

Guaiba 92726140

BRAZIL

Citizenship:

Brazil

Mailing Address:

Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:

Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Guilherme Toralles Darley  
Souza Costa, AP. 403, 400  
Porto Alegre 91450-140  
BRAZIL  
Brazil  
Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:  
Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Lidiane Silva  
  
Same as above

Date: \_\_\_\_\_

Print full name of first inventor:  
Residence:

Citizenship:  
Mailing Address:

\_\_\_\_\_  
Inventor's Signature  
Amihai Savir  
3 Negev M.P.  
Sansana  
ISRAEL  
Israel  
Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:  
Residence:

Carlos Barra

Citizenship:  
Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Eder Crespo

Residence:

Citizenship:

Brazil

Mailing Address:

Same as above

Date: \_\_\_\_\_

\_\_\_\_\_  
Inventor's Signature

Print full name of first inventor:

Eder Soares

Residence:

Rua Santa Cecilia

Casa 77, 1433

Ceara 61760-000

Eusebio

BRAZIL

Citizenship:

Brazil

Mailing Address:

Same as above