

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5471773

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IGOR BERLIN	11/12/2013
LIAV MOSHE DANIEL	11/20/2013
YONI HENIA	11/25/2013
RAMI REUVEN	11/20/2013
MOTTI YAKOBI	11/20/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CORNING OPTICAL COMMUNICATIONS LLC
<b>Street Address:</b>	800 17TH STREET NW
<b>City:</b>	HICKORY
<b>State/Country:</b>	NORTH CAROLINA
<b>Postal Code:</b>	28601
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16382552
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(828)901-5206
<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>	828-901-6778
<b>Email:</b>	michelle.martinez@corning.com
<b>Correspondent Name:</b>	CORNING OPTICAL COMMUNICATIONS LLC
<b>Address Line 1:</b>	INTELLECTUAL PROPERTY DEPARTMENT
<b>Address Line 2:</b>	SP-TI-03-1
<b>Address Line 4:</b>	CORNING, NEW YORK 14831
<b>ATTORNEY DOCKET NUMBER:</b>	HI13-080A1A1
<b>NAME OF SUBMITTER:</b>	C. KEITH MONTGOMERY
<b>SIGNATURE:</b>	/C. Keith Montgomery/
<b>DATE SIGNED:</b>	04/12/2019
<b>Total Attachments: 18</b>	

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**ASSIGNMENT**

FOR VALUE RECEIVED, I, as a below named inventor, hereby sell, assign and transfer unto CORNING OPTICAL COMMUNICATIONS WIRELESS LTD, a corporation organized and existing under the laws of the country of Israel, having its principal place of business at Airport City, Israel (hereinafter CORNING), as assignee, and unto its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to a **MONITORING NON-SUPPORTED WIRELESS SPECTRUM WITHIN COVERAGE AREAS OF DISTRIBUTED ANTENNA SYSTEMS (DASS)**, such inventions being generally described in an application for Letters Patent of the United States executed on

DATE 11-12-2013  
DATE 11-20-2013  
DATE 11-25-2013  
DATE 11-20-2013  
DATE 11-20-2013

and in any future patent applications claiming the benefit of the filing date of that application, and all the rights and privileges under any and all Letters Patents that may be granted therefore.

I request that any and all patents for said inventions be issued to CORNING, its successors, assigns and legal representatives, or to such nominees as CORNING may designate.

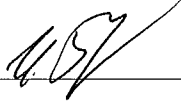
I agree that, when requested, I will, without charge to CORNING and at CORNING's expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in CORNING, its successors, assigns and legal representatives or nominees.

I authorize and empower CORNING, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for said Convention or entered as a supplement to, and to invoke and claim such right of priority without further written or oral authorization.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of CORNING, or its successors, assigns and legal representatives or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it or entered as a supplement to it.

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

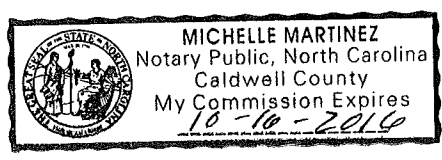
Signed this

11/12/2013 Igor Berlin   
 Date \_\_\_\_\_  
 \_\_\_\_\_  
 Date \_\_\_\_\_ Liav Moshe Daniel  
 \_\_\_\_\_  
 Date \_\_\_\_\_ Yoni Henia  
 \_\_\_\_\_  
 Date \_\_\_\_\_ Rami Reuven  
 \_\_\_\_\_  
 Date \_\_\_\_\_ Motti Yakobi  
 \_\_\_\_\_

North Carolina  
 State of ~~Maryland~~  
 County of Catawba : ss. )

On the 12 day of NOV. 2013, before me personally came **Igor Berlin** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Michelle Martinez  
 Notary Public



On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Liav Moshe Daniel** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed this

\_\_\_\_\_  
Date Igor Berlin

\_\_\_\_\_  
Date Liav Moshe Daniel

\_\_\_\_\_  
Date Yoni Henia

\_\_\_\_\_  
Date Rami Reuven

11/20/2013  
Date   
Motti Yakobi

State of Maryland)

: ss.

County of \_\_\_\_\_)

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Igor Berlin known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Liav Moshe Daniel known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Yoni Henia known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Rami Reuven known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

On the 20 day of M 2013, before me personally came Moffi Yakobi known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Moffi  
\_\_\_\_\_  
Witness

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed this

\_\_\_\_\_  
Date Igor Berlin

\_\_\_\_\_  
Date Liav Moshe Daniel

\_\_\_\_\_  
Date Yoni Henia

20-11-13  
Date *Rami Reuven*  
Rami Reuven

\_\_\_\_\_  
Date Motti Yakobi

State of Maryland)  
: ss.  
County of \_\_\_\_\_)

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Igor Berlin known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Liav Moshe Daniel known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed this

\_\_\_\_\_  
Date Igor Berlin

20/10/2013  
Date Daniel Lior

\_\_\_\_\_  
Date Liav Moshe Daniel

\_\_\_\_\_  
Date Yoni Henia

\_\_\_\_\_  
Date Rami Reuven

18/10/2013  
Date Motti Yakobi

\_\_\_\_\_  
Date Motti Yakobi

State of Maryland)

: ss.

County of \_\_\_\_\_)

On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Igor Berlin known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Liav Moshe Daniel known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness



On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Yoni Henia known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

On the \_\_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came Rami Reuven known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

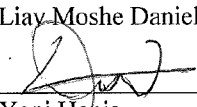
\_\_\_\_\_  
Witness

On the 20 day of 11 2013, before me personally came Motti Yakobi known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Moti  
\_\_\_\_\_  
Witness

I covenant with CORNING, its successors, assigns and legal representatives or nominees, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed this

_____	_____
Date	Igor Berlin
_____	_____
Date	Liav Moshe Daniel
25/11/13	
_____	_____
Date	Yoni Henia
_____	_____
Date	Rami Reuven
_____	_____
Date	Motti Yakobi

State of Maryland)  
: ss.  
County of \_\_\_\_\_ )

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Igor Berlin** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Notary Public

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Liav Moshe Daniel** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

On the 26 day of Nov 2013, before me personally came **Yoni Henia** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

Gabby Mizkabi  
Witness

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Rami Reuven** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

On the \_\_\_\_ day of \_\_\_\_\_ 2013, before me personally came **Motti Yakobi** known to be the person described in and who executed the foregoing instrument, and acknowledged that they executed the same.

\_\_\_\_\_  
Witness

## ASSIGNMENT OF PATENTS

This ASSIGNMENT OF PATENTS (this “Assignment”), dated as of January 1, 2019, is entered into by and among Corning Optical Communications Wireless Ltd, f/k/a Corning MobileAccess, Ltd., a corporation organized and existing under the laws of the country of Israel, having a place of business at Golan Building, Hagolan Street & Hanegev Street, Airport City, Israel 70151, (“Assignor”), and Corning Optical Communications LLC, a corporation organized and existing under the laws of the State of North Carolina, having a place of business at 800 17th Street NW, Hickory, North Carolina 28601 (“Assignee” and, together with Assignor, the “Parties”).

### RECITALS

WHEREAS, Assignee has agreed to purchase and accept, and Assignor has agreed to sell, transfer, convey and assign to Assignee all of Assignor’s right, title and interest in and to the patents, patent applications and utility models, together with reissuances, continuations, continuations-in-part, divisionals, and reexaminations thereof, that are identified in Appendix A attached hereto (“Assigned Patents”).

NOW, THEREFORE, in consideration of the premises and the mutual covenants and agreements contained in this Assignment and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, transfer, convey and assign unto Assignee all of Assignor’s right, title and interest in, to and under the Assigned Patents and the inventions disclosed and claimed therein, including, without limiting the generality of the foregoing, the right to sue and recover damages and associated costs and attorneys’ fees and obtain equitable relief for, past, present and future infringement, misappropriation or other violation thereof and to fully and entirely stand in the place of Assignor in all matters related to the Assigned Patents.

EXCEPT AS MAY OTHERWISE BE AGREED UPON BY THE PARTIES IN WRITING, NO EXPRESS OR IMPLIED WARRANTIES ARE GIVEN BY ASSIGNOR WITH RESPECT TO ANY ASSIGNED PATENTS REGARDING THE VALIDITY, REGISTRABILITY, TITLE SCOPE, ENFORCEABILITY OR NON-INFRINGEMENT OF ANY PATENTS SUBJECT TO THIS AGREEMENT.

Assignor hereby authorizes and requests the Commissioner for Patents of the United States, and any other applicable official of any applicable governmental authority, to record Assignee as the assignee and owner of the Assigned Patents, and to issue any and all registrations from any and all applications for registration included in the Assigned Patents in and to the name of Assignee.

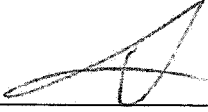
This Assignment shall be governed exclusively under the laws of the State of North Carolina, without regard to conflicts of law or choice of law principles.

*[Signature Pages Follow]*

IN WITNESS WHEREOF, the Parties have caused this Assignment to be executed on the date and in the capacities of their respective officers thereunto duly authorized as set out below.

ASSIGNOR

Corning Optical Communications Wireless Ltd

By:  \_\_\_\_\_

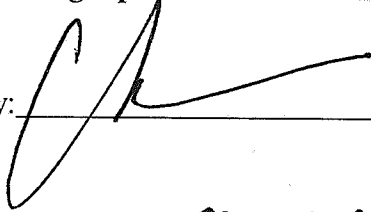
Name: NISSIM AZIAS

Title: GM COCW LTD.

[Signature Page to the Patent Assignment Agreement]

**ASSIGNOR**

**Corning Optical Communications Wireless Ltd**

By:  \_\_\_\_\_

Name: CLARK S. KINLAN

Title: VP/19

**ASSIGNEE**

**Corning Optical Communications LLC**

By: Timothy J. Aberle

Name: TIMOTHY J. ABERLE

Title: ASST. SECRETARY

**APPENDIX A**  
**ASSIGNED PATENTS**

Application Number	Application Date	Patent Number
15/059398	03/03/2016	10003404
15/635824	06/28/2017	10003977
15/590216	05/09/2017	10009094
15/437122	02/20/2017	10014945
15/278779	09/28/2016	10020885
15/424249	02/03/2017	10044419
15/167221	05/27/2016	10051510
15/366144	12/01/2016	10063318
15/830541	12/04/2017	10080152
15/473977	03/30/2017	10096909
15/620186	06/12/2017	10097381
15/716733	09/27/2017	10103834
15/475589	03/31/2017	10110308
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15/655228	07/20/2017	10135561
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16/225992	12/19/2018	
16/246655	01/14/2019	
16/246850	01/14/2019	
16/264240	01/31/2019	