

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5448422

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAFI POPOVICH	11/16/2017
ABRAHAM SAAD	11/16/2017
JACOB RESHEF	11/16/2017
ALBERTO MILANO	11/16/2017
RECEIVING PARTY DATA	
Name:	BEAM SEMICONDUCTOR LTD.
Street Address:	2 ST. CLAIR AVE. WEST
Internal Address:	SUITE 1002
City:	TORONTO, ONTARIO
State/Country:	CANADA
Postal Code:	M4V 1L5
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16184624
CORRESPONDENCE DATA	
Fax Number:	(416)361-1398
<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>	
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Email:	wdebicki@bereskinparr.com
Correspondent Name:	BERESKIN & PARR LLP/S.E.N.C.R.L., S.R.L.
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Address Line 4:	TORONTO, CANADA M5H 3Y2
ATTORNEY DOCKET NUMBER:	25080-P44602US01
NAME OF SUBMITTER:	BHUPINDER RANDHAWA
SIGNATURE:	/Bhupinder Randhawa/
DATE SIGNED:	03/29/2019
Total Attachments: 4	

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ASSIGNMENT

WHEREAS, **Rafi Popovich** whose full post office address is 7 Oppenheimer Street, Suite 15, 76701 Rehovot, Israel, **Abraham Saad** whose full post office address is 7 Oppenheimer Street, Suite 15, 76701 Rehovot, Israel, **Jacob Reshef** whose full postal office address is 7 Oppenheimer Street, Suite 15, 76701 Rehovot, Israel, and **Alberto Milano** who is deceased and whose estate is being administered by the Executor, Sara Milano (hereinafter "the Assignors"), are the inventors of an invention disclosed in the PCT application no. **PCT/CA2016/051016**, filed on **August 29, 2016** entitled **ANTENNA MODULES AND SYSTEMS, AND APPLICATIONS AND METHODS OF MANUFACTURING THEREOF** (hereinafter "the Application");

AND WHEREAS, **Beam Semiconductor Ltd.** whose full post office address is **2 St. Clair Ave. West, Suite 1002, Toronto, Ontario, M4V 1L5** (hereinafter "the Assignee"), has acquired from the Assignors, their entire right, title and interest in and to the invention, in all countries of the world, including their rights to the Application, and all related applications thereon, including any and all, international, national and regional phase applications based on the Application, and other counterpart applications in all countries, and any and all substitutes, divisionals, continuations and continuations-in-part, and any Letters Patent that may be obtained therefor, and in any and all reissues, extensions, renewals and reexaminations of such applications and patents thereon filed by the Assignors or Assignee, including the benefit of any 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, and the benefit of any right of priority provided by any convention or treaty under domestic or foreign law, and to invoke and claim any such right of priority without further written or oral authorization from the Assignors;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of all of which is hereby

acknowledged, the Assignors hereby confirm that, as of the filing date of the Application, they have assigned, and, effective as of the filing date of the Application, do hereby sell and assign, transfer and set over to the Assignee, all their right, title and interest for Canada, the United States of America, its territories, dependencies and possessions, and for all other countries in the world, in and to the invention, including their rights to the Application, and all related applications and patents thereon, to be held and enjoyed by the Assignee, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by them, had this Assignment not been made.

The Assignors hereby confirm that the Application was made or was authorized to be made by themselves and that they believe themselves to be the original inventors or joint inventors of a claimed invention in the Application.

The Assignors shall without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain the Application for the invention, and all related applications and patents thereon, in any and all countries, and to vest title thereto in the Assignee, its successors, assigns and legal representatives or nominees.

The Assignors authorize and empower the Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any of the Applications, and all related applications and patents thereon, filed by them or the Assignee, 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 it, and to invoke and claim such right of priority without further written or oral authorization from them.

The Assignors authorize and empower Bereskin & Parr LLP/S.E.N.C.R.L., s.r.l., whose complete address is Scotia Plaza, 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2, to insert on this Assignment any further identification, to prepare any

translation which may be necessary or desirable in order to comply with the rules for recordation of this document in any country and to correct any clerical error in this assignment.

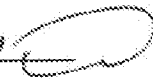
The Commissioner of Patents & Trademarks is hereby authorized and requested to issue any Letters Patent for the Application, and all related applications thereon, to the Assignee, for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

If a provision of this Assignment is or becomes illegal, invalid or unenforceable in any jurisdiction, that shall not affect the validity or enforceability in that jurisdiction of any other provision of this Assignment, or the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

The Assignor hereby acknowledges that any willful false statement made in this assignment/declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

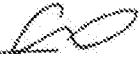
The Parties confirm their express wish that this Assignment be drawn up in the English language. *Les parties confirment leur volonté expresse que cette cession soit rédigée en langue anglaise.*


SIGNED AT Rehovot, Israel, this 16 day of 11, 2017.

AVIGDOR Z. ZELI 
Witness
(Print & Sign)

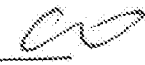

Rafi Popovic

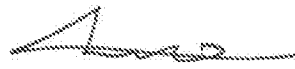
SIGNED AT REHOVOT ^{ISRAEL}, this 16 day of 11, 2017.

AVIGDOR BERLIN 
Witness
(Print & Sign)

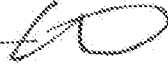

Abraham Saad

SIGNED AT REHOVOT, ISRAEL, this 16 day of 11, 2017.

AVIGDOR BERLIN 
Witness
(Print & Sign)

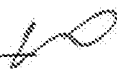

Jacob Reshef

SIGNED AT REHOVOT, ISRAEL, this 16 day of 11, 2017.

AVIGDOR BERLIN 
Witness
(Print & Sign)

Sarah Milano
Sara Milano as Executor of the estate of
Alberto Milano

SIGNED AT REHOVOT, ISRAEL, this 16 day of 11, 2017.

AVIGDOR BERLIN 
Witness
(Print & Sign)


Beam Semiconductor Ltd.
Name: AVIGDOR BERLIN
Title: COO