

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HELMHOLTZ-ZENTRUM BERLIN FÜR MATERIALIEN UND ENERGIE GMBH	03/07/2022
RECEIVING PARTY DATA	
Name:	IHP GMBH - INNOVATIONS FOR HIGH PERFORMANCE MICROELECTRONICS / LEIBNIZ-INSTITUT FÜR INNOVATIVE MIKROELEKTRONIK
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City:	FRANKFURT (ODER)
State/Country:	GERMANY
Postal Code:	15236
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17557345
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ATTORNEY DOCKET NUMBER:	536-009.082
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DATE SIGNED:	03/14/2022
Total Attachments: 2	
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ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, **HELMHOLTZ-ZENTRUM BERLIN FÜR MATERIALIEN UND ENERGIE GMBH**, an organization duly organized and existing under the laws of Germany and having a principal place of business at Hahn-Meitner-Platz 1, 14109 Berlin, Germany, ASSIGNOR herein, hereby sells, assigns and transfers to **IHP GMBH – INNOVATIONS FOR HIGH PERFORMANCE MICROELECTRONICS / LEIBNIZ-INSTITUT FÜR INNOVATIVE MIKROELEKTRONIK**, an organization duly organized and existing under the laws of Germany and having a principal place of business at Im Technologiepark 25, 15236 Frankfurt (Oder), Germany, as ASSIGNEE, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in **SLOT WAVEGUIDE FOR A PHASE SHIFTER BASED ON FERROELECTRIC MATERIALS**, which is described in an application for Letters Patent of the United States filed on December 21, 2021, now bearing U.S. Patent Application No. 17/557,345; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

ASSIGNOR requests that any and all patents for said inventions in all countries be issued to said ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

ASSIGNOR agrees that, when requested, it will, without charge to said ASSIGNEE but at its 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 said ASSIGNEE, its successors, assigns and legal representatives or nominees.

ASSIGNOR authorizes and empowers the said ASSIGNEE, 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: (a) the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from ASSIGNOR.


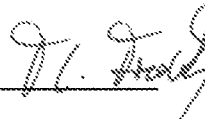
ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be

required in any country for any purpose and more particularly in proof of the right of the said ASSIGNEE or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

ASSIGNOR covenants with said ASSIGNEE, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that ASSIGNOR has full right to convey the same as herein expressed.

**HELMHOLTZ-ZENTRUM BERLIN FÜR
MATERIALIEN UND ENERGIE GMBH**

Date: 07.03.2022

By  
(Signature)

Prof. Dr. Bernd Rech

Thomas Frederking

Name

Scientific Managing Director

Director Finance and Administration

Title