507440733 08/16/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7487635

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANNE VERHULST	06/22/2022
POL VAN DORPE	08/08/2022

RECEIVING PARTY DATA

Name:	IMEC VZW
Street Address:	KAPELDREEF 75
City:	LEUVEN
State/Country:	BELGIUM
Postal Code:	BE-3001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17849905

CORRESPONDENCE DATA

Fax Number: (732)935-7122

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.

Phone: 7329357100

Correspondent Name: MOSER TABOADA/LEONARD P. LINARDAKIS

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Address Line 2: SUITE 103

Address Line 4: SHREWSBURY, NEW JERSEY 07702

ATTORNEY DOCKET NUMBER:	AWA290
NAME OF SUBMITTER:	LEONARD P. LINARDAKIS
SIGNATURE:	/LEONARD P. LINARDAKIS/
DATE SIGNED:	08/16/2022

Total Attachments: 3

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PATENT 507440733 REEL: 060819 FRAME: 0872

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Address of Inventors:

1) Anne VERHULST c/o IMEC VZW patent department Kapeldreef 75 3001 Leuven Belgium 2) Pol VAN DORPE c/o IMEC VZW patent department Kapeldreef 75 3001 Leuven Belgium

(hereinafter referred to as Assignors), have invented a certain invention entitled:

A METHOD OF OPERATING A PORE FIELD-EFFECT TRANSISTOR SENSOR FOR DETECTING PARTICLES

for which application for Letters Patent in the United States was executed on even date herewith; and

WHEREAS, IMEC VZW., a corporation of Belgium, having a place of business at Kapeldreef 75, 3001 Leuven, Belgium (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- 1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by

PATENT REEL: 060819 FRAME: 0873 said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, their successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

22 June 2022	(Date)	- level de la company de la co	
		ANNE VERHULST	
	(Date)		
		POL VAN DORPE	

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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

(Date)		
	,	ANNE VERHULST	
August 8, 2022	Date)	Dange	
`	•	POL VAN DORPE	

PATENT REEL: 060819 FRAME: 0875