505388905 03/22/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
MOEZ BOUALI	09/27/2018
MOHAMAD SAWAN	09/28/2018
SUMAYA AL-MAADEED	09/26/2018
AHMED BOURIDANE	09/26/2018

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City:	DOHA
State/Country:	QATAR

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16222915

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ATTORNEY DOCKET NUMBER:	432743.10079	
NAME OF SUBMITTER:	NORMAN MORALES	
SIGNATURE:	/Norman Morales/	
DATE SIGNED:	03/22/2019	

Total Attachments: 3

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PATENT REEL: 048670 FRAME: 0219

Docket No.	432743.	

WORLDWIDE INVENTION ASSIGNMENT

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by QATAR UNIVERSITY × 2.200 . 4.6 🛊 🐞 Office of Innovation and Intellectual Property P.O. Box 2713 Doha, Qatar (hereinafter ASSIGNEL), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled FLUORESCENCE LIFETIME SPECTROSCOPY BASED CAPSULE ENDOSCOPY for which the following applications were filed: Part and growing on the early School Application *Filed on: other than the part the December 17, 2018 16/222.915 and a stand of a Number(s) to a first through the (Day Month Year) (Squire Patton Boggs (US) LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of any country in the world to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Moez Bouali [Signature(s) of Assignmental] (TYPE NAME) (SIGNATURE) (DATE) 28 Sept 2018 Mohamad Sawan (TYPE NAME) (DATE) (SIGNATURE Sumaya Al-Maadeed

(TYPE NAME)

Ahmed Bouridane (TYPE NAME)

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Docket No. 432743.10079

WORLDWIDE INVENTION ASSIGNMENT

For good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR)

[Insert ASSIGNEE's Name(s) Address(es)] by

QATAR UNIVERSITY
Office of Innovation and Intellectual Property
P.O. Box 2713
Doha, Qatar

(hereinafter ASSIGNEE), the receipt and sufficiency of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

[Title of Invention]

FLUORESCENCE LIFETIME SPECTROSCOPY BASED CAPSULE ENDOSCOPY

[*If the assignment is being filed after the filing of the application, this section must be completed] for which the following applications were filed:

*Filed on: December 17, 2018

Application Number(s)

16/222,915

(Day Month Year)

(Squire Patton Boggs (US) LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of any country in the world to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s) of Assignor(s)]

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SQUIRE PATTON BOGGS (US) LLP

Docket No. 432743.10079

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	litigation, or othe division, reissue with the ASSIGN	er legal proceeding which or reexamination thereof	tute all papers necessary in conne may be declared concerning this ap or Letters Patent or reissue patent is e in obtaining and producing evider reding.	plication or any continuation, sued thereon and to cooperate	
	IN WITNESS W	HEREOF, the undersigne	d inventor(s) has (have) affixed his/	her/their signature(s).	
Signature(s)			Moez Bouali		
of Assignor(s)]	(SIGN	ATURE)	(TYPE NAME)	(DATE)	
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	(SIGN	ATURE)	(TYPE NAME)	(DATE)	
			Sumaya Al-Maadeed		
	(SIGN	ATURE)	(TYPE NAME)	(DATE)	
	<u>D</u> i	Boundary_	Ahmed Bouridane	26/09/2018	
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RECORDED: 03/22/2019