

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5536250

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JAMES FRASER STODDART	12/01/2016
VINAYAK P. DRAVID	11/18/2016
ALEKSANDRS PROKOFJEVS	12/02/2016
DANIEL PATRICK FERRIS	12/02/2016
MAGDALENA TERESA OWCZAREK	12/02/2016
KARL A. HUJSAK	11/18/2016
RECEIVING PARTY DATA	
Name:	NORTHWESTERN UNIVERSITY
Street Address:	633 CLARK STREET
City:	EVANSTON
State/Country:	ILLINOIS
Postal Code:	60208
Name:	KING ABDULAZIZ CITY FOR SCIENCE AND TECHNOLOGY (KACST)
Street Address:	P.O. BOX 6086
City:	RIYADH
State/Country:	SAUDI ARABIA
Postal Code:	11442
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16093256
CORRESPONDENCE DATA	
Fax Number:	(608)251-9166
<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>	
Phone:	(608)283-2477
Email:	Jamie.England@quarles.com
Correspondent Name:	TOLGA S. GULMEN
Address Line 1:	33 EAST MAIN STREET
Address Line 2:	SUITE 900
Address Line 4:	MADISON, WISCONSIN 53703

PATENT

ATTORNEY DOCKET NUMBER:	702581.00248
NAME OF SUBMITTER:	TOLGA S. GULMEN
SIGNATURE:	/TOLGA S. GULMEN/
DATE SIGNED:	05/22/2019
Total Attachments: 8 source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page1.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page2.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page3.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page4.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page5.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page6.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page7.tif source=2017-04-04_5369-00170_NU_ASSIGNMENT_FULLY_EXECUTED#page8.tif	

ASSIGNMENT

U.S. Serial No: 62/382,994 Filing Date: September 2, 2016
Inventor(s): Vinayak P. Dravid; James Fraser Stoddart; Aleksandrs Prokofjevs; Daniel Patrick Ferris;
Magdalena Teresa Owczarek; Karl A. Hujsak
Title of U.S. Patent Application: FLEXIBLE PIEZOELECTRIC AND FERROELECTRIC
HALOIMIDAZOLE CRYSTALS

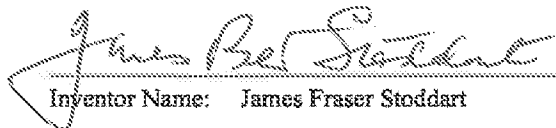
For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208 and its successors and assigns; and King Abdulaziz City for Science and Technology (KACST), an Independent Government Scientific and Research Organization, having a place of business at P.O. Box 6086 Riyadh 11442, Kingdom of Saudi Arabia, and its successor and assigns (hereinafter referred to collectively, as the "Assignee") the entire right, title and interest in and to the inventions of such undersigned disclosed in the application listed above, and in any and all other applications anywhere in the world which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, *inter partes* reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.

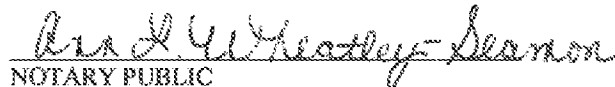
Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue, reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Undersigned (ASSIGNORS):

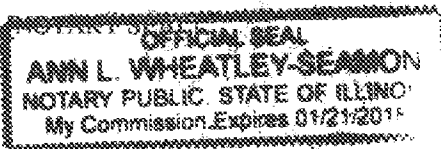
 December 20/6
Inventor Name: James Fraser Stoddart DATE

State of ILLINOIS ss.
County of Cook

On this 1 day of DECEMBER, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.


NOTARY PUBLIC

My Commission Expires: 1-21-2018



(Continued on next page)

U.S. Serial No: 62/382,994
Filing Date: September 2, 2016
Inventors: Vinsyak P. Dravid; James Fraser Stoddart; Aleksandrs Prokofjevs; Daniel Patrick Ferris;
Magdalena Teresa Owczarek; Karl A. Hujsak
Title of U.S. Patent Application: FLEXIBLE PIEZOELECTRIC AND FERROELECTRIC HALOIMIDAZOLE
CRYSTALS

Undersigned (ASSIGNORS) continued:

Magdalena Owczarek 12/02/2016
Inventor Name: Magdalena Teresa Owczarek DATE

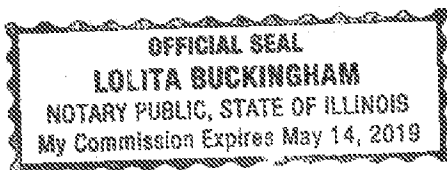
State of Illinois
County of Cook ss.

On this 2nd day of December 2016, before me, a Notary Public in and for the County and State
aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing
instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the
uses and purposes therein expressed.

Lolita Buckingham
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 5/14/19



U.S. Serial No: 62/382,994
Filing Date: September 2, 2016
Inventors: Vinayak P. Dravid; James Fraser Stoddart; Aleksandrs Prokofjevs; Daniel Patrick Ferris;
Magdalena Teresa Owczarek; Karl A. Hujak
Title of U.S. Patent Application: FLEXIBLE PIEZOELECTRIC AND FERROELECTRIC
HALOIMIDAZOLE CRYSTALS

Undersigned (ASSIGNORS) continued:

Karl A. Hujak 11/18/16
Inventor Name: Karl A. Hujak DATE

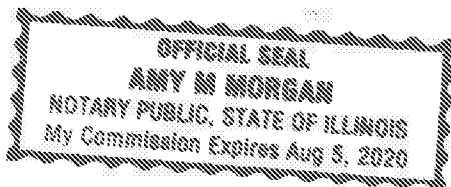
State of Illinois ss.
County of Cook

On this 18th day of November, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.

Amy M. Morgan
NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: Aug 5, 2020



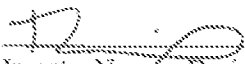
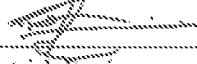
U.S. Serial No: 62/382,994

Filing Date: September 2, 2016

Inventors: Vinayak P. Dravid; James Fraser Stoddart; Aleksandrs Prokofjevs; Daniel Patrick Ferris;
Magdalena Teresa Owczarek; Karl A. Hujsak

Title of U.S. Patent Application: FLEXIBLE PIEZOELECTRIC AND FERROELECTRIC
HALOIMIDAZOLE CRYSTALS

Undersigned (ASSIGNORS) continued:

  12/02/16
Inventor Name: Daniel Patrick Ferris DATE

State of Illinois

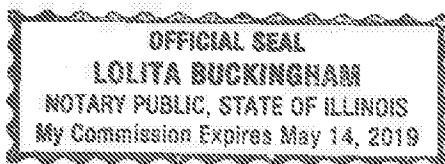
County of Cook ss.

On this 2nd day of December, 2016, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the uses and purposes therein expressed.


NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 5/14/19



U.S. Serial No: 62/382,994
Filing Date: September 2, 2016
Inventors: Vinayak P. Dravid; James Fraser Stoddart; Aleksandrs Prokofjevs; Daniel Patrick Ferris;
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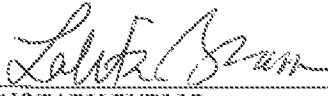
Undersigned (ASSIGNORS) continued:



Inventor Name: Aleksandrs Prokofjevs DATE: 12/2/2016

State of Illinois
County of Cook ss.

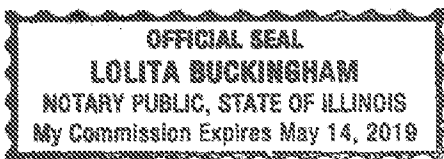
On this 2nd day of December, 2016, before me, a Notary Public in and for the County and State
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uses and purposes therein expressed.



NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires: 5/14/19



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Filing Date: September 2, 2016

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Title of U.S. Patent Application: FLEXIBLE PIEZOELECTRIC AND FERROELECTRIC
HALOIMIDAZOLE CRYSTALS

Undersigned (ASSIGNORS) continued:

Inventor Name: Vinayak P. Dravid

DATE

State of

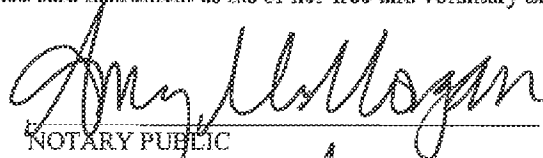
Illinois

County of

Cook

ss.

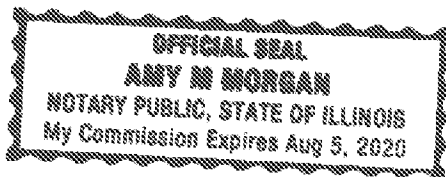
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aforesaid, appeared, to me personally known to be the same person whose name is subscribed to the foregoing
instrument, and acknowledged that he or she executed said instrument as his or her free and voluntary act and for the
uses and purposes therein expressed.


NOTARY PUBLIC

[NOTARY SEAL]

My Commission Expires:

Aug 5, 2020



U.S. Serial No: 62/382,994

Filing Date: September 2, 2016

Inventors: Vinayak P. Dravid; James Fraser Stoddart; Aleksandrs Prokofjevs; Daniel Patrick Ferris;
Magdalena Teresa Owczurek; Karl A. Hujsak

Title of U.S. Patent Application: FLEXIBLE PIEZOELECTRIC AND FERROELECTRIC HALOIMIDAZOLE
CRYSTALS

ASSIGNEE ACCEPTANCE

On behalf of Assignee, the authorized signatories below, hereby confirm Assignee's acceptance of all rights,
privileges, titles and interests conveyed by this Assignment.

Northwestern University

Authorized Signature: Beverly R. Milligan Date: 12/2/16

Printed Name Beverly R. Milligan, Invention Specialist or
Nicole A. Janovick, Ph.D., J.D., Invention Manager

Department: Innovation and New Ventures Office (INVO)

AND

King Abdulaziz City for Science and Technology (KACST)

Authorized Signature: Majed S. Nassar Date: 1/11/2017

Printed Name Majed S. Nassar

Title: Co-Director of JCIN projects (KACST-NU)