From:

Sent: Thursday, June 27, 2019 6:54

To:

Subject: PAX 263 - Advisory Action (6/27- Per MOG - no action)

Attachments: 062719 USPTO - Advisory Action.pdf

Please let me know what action to take. Thank you!

 \sim

Office of Counsel, NAWCAD

47076 Liljencrantz Road,

Patuxent River, MD 20670

Phone: (301) 342

Fax: (301) 995-0823

E-mail: @navy.mil

----Original Message----

From: PAIR_eOfficeAction@uspto.gov <PAIR_eOfficeAction@uspto.gov>

Sent: Thursday, June 27, 2019 5:40 AM

To: @navy.mil>;

@navy.mil>; PAXR_NAWCAD_PATENTS <paxr_nawcad_patents@navy.mil>

Cc: PAIR_eOfficeAction@uspto.gov

Subject: [Non-DoD Source] Private PAIR Correspondence Notification for Customer Number 21124

Jun 27, 2019 04:03:32 AM

Dear PAIR Customer:

Department of the Navy (Naval Air Warfare Center -Aircraft Division)

47076 Lijencreantz Road,

PATUXENT RIVER, MD 20670

UNITED STATES

The following USPTO patent application(s) associated with your Customer Number, 21124, have new outgoing correspondence.

This correspondence is now available for viewing in Private PAIR.

The official date of notification of the outgoing correspondence will be indicated on the form (e.g., PTOL-90) accompanying the correspondence.

Disclaimer:

The list of documents shown below is provided as a courtesy and is not part of the official file wrapper. The content of the images shown in PAIR is the official record.

Application Document Mailroom Date Attorney Docket No.

15474374 ISSUE.NTF 06/26/2019 PAX 236 15678672 CTAV 06/27/2019 PAX 263

To view your correspondence online or update your email addresses, please visit us anytime at https://ppairmy.uspto.gov/pair/PrivatePair.

If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov with 'e-Office Action' on the subject line or call 1-866-217-9197 during the following hours:

Monday - Friday 6:00 a.m. to 12:00 a.m.

Thank you for prompt attention to this notice,

UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

From:	words to the terminal and the terminal a	
Sent:	Wednesday, June 12, 2019 7:46	
To:		
Subject:	RE: PAX 263 - Reply to FINAL OA I	DUE 7/1
Signed By:	@navy.mil	3650 545 63 60 602000
orginea by:	e navy	
D 1 1 1		
Done last week		
Original Message		
From:		@navy.mil>
Sent: Wednesday, June 12, 2019	7:42 AM	
То:		@navy.mil>
Cc:		@navy.mil>
Subject: FW: PAX 263 - Reply to F	INAL OA DUE 7/1	@ navy.nin
Subject. PW. PAX 203 - Reply to P	INAL OA DOL 7/1	
o 		
Status? Thank you		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	iN.	
Office of Counsel, NAWCAD		
47076 Liljencrantz Road,	<b>2</b>	
Patuxent River, MD 20670		
Phone: (301) 342-		
Fax: (301) 995-0823	2004	
E-mail: @navy.	mil	
Original Message		
From:		@navy.mil>
Sent: Thursday, May 30, 2019 6:3	SS AM	C ,
To:	75 7 (14)	@navy.mil>
		Name of the Party
Cc:	10141 OA BUE 7/4	@navy.mil>
Subject: FW: PAX 263 - Reply to F	INAL OA DUE //1	
800 P 14000 S 10	変変	
Will we be filing a reply on this or	ne?	
Original Message		
From:		@navy.mil>
Sent: Monday, April 29, 2019 11::	24 AM	e navymme
	47 MVI	@navay mils
To:		@navy.mil>
Cc:		@navy.mil>
Subject: PAX 263 - Reply to FINAL	. OA DUE 7/1	

-----Original Message-----

From: PAIR_eOfficeAction@uspto.gov <PAIR_eOfficeAction@uspto.gov>

Sent: Friday, April 26, 2019 5:15 AM

To: @navy.mil>; @navy.mil>;

PAXR_NAWCAD_PATENTS < paxr_nawcad_patents@navy.mil>

Cc: PAIR_eOfficeAction@uspto.gov

Subject: [Non-DoD Source] Private PAIR Correspondence Notification for

**Customer Number 21124** 

Apr 26, 2019 03:36:17 AM

Dear PAIR Customer:

Department of the Navy (Naval Air Warfare Center -Aircraft Division)
47076 Lijencreantz Road,
PATUXENT RIVER, MD 20670
UNITED STATES

The following USPTO patent application(s) associated with your Customer Number, 21124, have new outgoing correspondence.

This correspondence is now available for viewing in Private PAIR.

The official date of notification of the outgoing correspondence will be indicated on the form (e.g., PTOL-90) accompanying the correspondence.

## Disclaimer:

The list of documents shown below is provided as a courtesy and is not part of the official file wrapper. The content of the images shown in PAIR is the official record.

Application Document Mailroom Date Attorney Docket No.

15335780 ABN 04/26/2019 PAX 213 15678672 CTFR 04/26/2019 PAX 263 892 04/26/2019 PAX 263

To view your correspondence online or update your email addresses, please visit us anytime at https://ppair-my.uspto.gov/pair/PrivatePair.

If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov with 'e-Office Action' on the subject line or call 1-866-217-9197 during the following hours:

Monday - Friday 6:00 a.m. to 12:00 a.m.

Thank you for prompt attention to this notice,

UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

From: Sent: Wednesday, June 12, 2019 7:42 To: Cc: Subject: FW: PAX 263 - Reply to FINAL OA DUE 7/1 042619 USPTO - OA.pdf Attachments: Status? Thank you Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 (301) 995-0823 Fax: E-mail: @navy.mil ----Original Message-----@navy.mil> Sent: Thursday, May 30, 2019 6:35 AM @navy.mil> To: Cc: @navy.mil> Subject: FW: PAX 263 - Reply to FINAL OA DUE 7/1 Will we be filing a reply on this one? ----Original Message----@navy.mil> From: Sent: Monday, April 29, 2019 11:24 AM @navy.mil> To: Cc: @navy.mil> Subject: PAX 263 - Reply to FINAL OA DUE 7/1 ----Original Message----From: PAIR_eOfficeAction@uspto.gov <PAIR_eOfficeAction@uspto.gov> Sent: Friday, April 26, 2019 5:15 AM To: @navy.mil>; @navy.mil>; PAXR_NAWCAD_PATENTS <paxr_nawcad_patents@navy.mil> Cc: PAIR eOfficeAction@uspto.gov Subject: [Non-DoD Source] Private PAIR Correspondence Notification for Customer Number 21124

Apr 26, 2019 03:36:17 AM

#### Dear PAIR Customer:

Department of the Navy (Naval Air Warfare Center -Aircraft Division)
47076 Lijencreantz Road,
PATUXENT RIVER, MD 20670
UNITED STATES

The following USPTO patent application(s) associated with your Customer Number, 21124, have new outgoing correspondence.

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#### Disclaimer:

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Application Document Mailroom Date Attorney Docket No.

15335780 ABN 04/26/2019 PAX 213 15678672 CTFR 04/26/2019 PAX 263 892 04/26/2019 PAX 263

To view your correspondence online or update your email addresses, please visit us anytime at https://ppairmy.uspto.gov/pair/PrivatePair.

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Monday - Friday 6:00 a.m. to 12:00 a.m.

Thank you for prompt attention to this notice,

UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

From: Sent: Thursday, January 24, 2019 12:58 To: Cc: Subject: RE: PAX 263 - Response to Office Action - Attachments paper and presentation This reply was filed with all attachments (66 pages in total). Thank you! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-Fax: (301) 995-0823 E-mail: @navy.mil ----Original Message----@navy.mil> From: Sent: Tuesday, January 15, 2019 6:58 AM @navy.mil> Cc: @navy.mil> Subject: PAX 263 - Response to Office Action - Attachments paper and presentation Importance: High January 15, 2019 - -please see attached peer-reviewed 2019 AIAA Paper and Presentation - please incorporate these two attachments in our response to PAX 263 Office Action .--- try to get a phone interview with primary examiner---we can defend this PA very well. Please send me Meeting Maker for next week Wed. 01-23-2019, so that we can finalize response (Fri. meet 01-18-19 is cancelled). I believe deadline is Feb. 2, 2019, so we have to act fast. Thank you.

DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1

NAS Patuxent River, MD. 20670

301-342

From:

**Sent:** Thursday, January 24, 2019 11:28

To:

Attachments: PAX 263 Amendment.doc
Signed By: @navy.mil

Naval Air Warfare Center Aircraft Division Office of Counsel 47076 Liljencrantz Road

Patuxent River, MD 20670

Tel.: (301) 757-

Fax: (301) 342-1840

From:

Sent: Thursday, January 24, 2019 11:27

To:

Subject:

PAX 263 - Response to OA - Attachments 6.2019-0869 .pdf; AIAA 2019 SCITECH Forum -**Attachments:** 

.pdf; PAX 263

Declaration .pdf

Signed By: @navy.mil

High Importance:

From: Sent: Wednesday, January 23, 2019 7:12 To: Cc: Subject: FW: PAX 263 - REPLY DUE 01/25 Attachments: 110518 USPTO - OA.pdf Are we filing a reply in this one? Thank you! ----Original Message----@navy.mil> From: Sent: Wednesday, January 09, 2019 8:06 AM @navy.mil> Subject: RE: PAX 263 - REPLY DUE 01/25 Working it ----Original Message----From: @navy.mil> Sent: Wednesday, January 09, 2019 8:05 AM @navy.mil> To: @navy.mil> Cc: Subject: FW: PAX 263 - REPLY DUE 01/25 What's the status on this? ----Original Message----From: @navy.mil> Sent: Wednesday, December 12, 2018 8:11 AM To: @navy.mil> Cc: @navy.mil> Subject: PAX 263 - REPLY DUE 01/25 What's the status on this? Are we filing reply? ----Original Message----@navy.mil> From: Sent: Tuesday, December 04, 2018 2:05 PM To: @navy.mil> Cc: @navy.mil> Subject: PAX 263 - REPLY DUE 01/10

What's the status on this? Thank you

----Original Message-----

From: @navy.mil>

Sent: Monday, November 05, 2018 10:02 AM

To: @navy.mil> Cc: @navy.mil>

Subject: PAX 263 - REPLY DUE 01/10

----Original Message----

From: PAIR_eOfficeAction@uspto.gov <PAIR_eOfficeAction@uspto.gov>

Sent: Friday, November 02, 2018 6:02 AM

To: @navy.mil>; @navy.mil>; @navy.mil>;

<paxr_nawcad_patents@navy.mil>
Cc: PAIR eOfficeAction@uspto.gov

Subject: [Non-DoD Source] Private PAIR Correspondence Notification for

Customer Number 21124

Nov 02, 2018 04:08:42 AM

Dear PAIR Customer:

Department of the Navy (Naval Air Warfare Center -Aircraft Division)

47076 Lijencreantz Road, PATUXENT RIVER, MD 20670 UNITED STATES

The following USPTO patent application(s) associated with your Customer Number, 21124, have new outgoing correspondence.

This correspondence is now available for viewing in Private PAIR.

The official date of notification of the outgoing correspondence will be indicated on the form (e.g., PTOL-90) accompanying the correspondence.

# Disclaimer:

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Application Document Mailroom Date Attorney Docket No.

15678672 CTNF 11/02/2018 PAX 263 1449 11/02/2018 PAX 263 16151992 APP.FILE.REC 11/02/2018 PAX 232

To view your correspondence online or update your email addresses, please visit us anytime at https://ppair.uspto.gov/epatent/myportal/privatepair.

If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov with 'e-Office Action' on the subject line or call 1-866-217-9197 during the following hours:

Monday - Friday 6:00 a.m. to 12:00 a.m.

Thank you for prompt attention to this notice,

UNITED STATES PATENT AND TRADEMARK OFFICE PATENT APPLICATION INFORMATION RETRIEVAL SYSTEM

From:

Tuesday, January 15, 2019 6:58 Sent:

To:

Cc:

Subject:

Attachments:

PAX 263 - Response to Office Action - Attachments pdf; AIAA 2019 SCITECH Forum -6.2019-0869

paper and presentation

Importance:

High

January 15, 2019

--please see attached peer-reviewed 2019 AIAA Paper and Presentation - please incorporate these two attachments in our response to PAX 263 Office Action .--- try to get a phone interview with primary examiner---we can defend this PA very well.

Please send me Meeting Maker for next week Wed. 01-23-2019, so that we can finalize response (Fri. meet 01-18-19 is

I believe deadline is Feb. 2, 2019, so we have to act fast. Thank you.



DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670 301-342

From: Sent: Wednesday, October 11, 2017 13:32 To: Cc: Subject: PAX 263 - IDI Invoice Attachments: 101117 IDI Invoice.pdf Here you are ----Original Message----Sent: Tuesday, October 10, 2017 10:35 AM To: Subject: RE: PAX 228 / PAX 263 / PAX 237 Can you please sign/date each invoice separately as all three was done as one order and charged as one order so that it didn't appear that we were splitting requirements which is prohibited. Thanks ----Original Message-----From: Sent: Tuesday, October 10, 2017 8:59 AM To: Subject: PAX 228 / PAX 263 / PAX 237 Just for book keeping / organizational purposes - I just wanted to remind you again that the attached invoices are for three separate matters (which is why we did the three separate purchase orders). Do you want me to sign the attached or do you want to separate them as we originally did? Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-Fax: (301) 995-0823 E-mail: @navy.mil ----Original Message----From: Sent: Tuesday, October 10, 2017 8:41 AM To:

Subject: RE: Illustration & Drafting Invoices 3 Pages

Here you go. Sorry about that.

Original Message
From:
Sent: Tuesday, October 10, 2017 8:10 AM
To:
Subject: RE: Illustration & Drafting Invoices 3 Pages

## No attachment

Office of Counsel, NAWCAD
47076 Liljencrantz Road,
Patuxent River, MD 20670
Phone: (301) 342
Fax: (301) 995-0823

E-mail: @navy.mil

-----Original Message-----

From: Sent: Tuesday, October 10, 2017 5:38 AM

To:

Subject: Illustration & Drafting Invoices 3 Pages

here is your Invoices 3 Pages, please sign/date/print name/job title/phone # on all 3 pages and return them back to me at 301-995-0389. Thanks

From: Tuesday, September 26, 2017 14:14 Sent: To: Cc: Subject: FW: PAX 263- IDI Invoice **Attachments:** 082917 IDI Invoice.pdf; IDI_PAX 263_21Sep17.pdf (301)342----Original Message----From: Sent: Monday, September 25, 2017 11:01 AM To: Subject: FW: PAX 263- IDI Invoice For processing. Thank you! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 (301) 995-0823 Fax: E-mail: @navy.mil ----Original Message----From: Sent: Thursday, September 21, 2017 2:57 PM To: Cc: Subject: FW: PAX 263- IDI Invoice

----Original Message----

From: Sent: Thursday, September 21, 2017 10:09 AM To: Cc: Subject: FW: PAX 263- IDI Invoice
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-
Fax: (301) 995-0823 E-mail: @navy.mil Original Message From: Sent: Thursday, September 21, 2017 10:02 AM To: Subject: RE: PAX 263- IDI Invoice
SignedOriginal Message From: Sent: Thursday, September 21, 2017 9:55 AM To: Cc: Subject: FW: PAX 263- IDI Invoice
Original Message From: Sent: Thursday, September 21, 2017 9:38 AM To: Cc: Subject: PAX 263- IDI Invoice
Hopefully these are all correct now. Thank you!
47076 Liljencrantz Road,

Patuxent River, MD 20670 Phone: (301) 342-

Fax: (301) 995-0823 @navy.mil E-mail: ----Original Message-----From: Sent: Wednesday, September 20, 2017 4:47 PM Cc: Subject: PAX 263- IDI Invoice For processing. Thank you! ----Original Message-----From: Sent: Wednesday, September 20, 2017 4:44 PM To: Subject: PAX 237- IDI Invoice For review and signature. Thank you! ----Original Message-----From: Illustration and Drafting [mailto @sbcglobal.net] Sent: Friday, September 15, 2017 3:16 PM Subject: [Non-DoD Source] IDI invoices Attached are the invoices for PAX-228, PAX-237 and PAX-263. Sorry for the delay on getting these to you. **Thanks** 

Illustration & Drafting, Inc. 11233 Bancroft Ave., N.W., Uniontown, Ohio 44685 Ph. 330/497

NOTE. This is a confidential communication and may contain privileged and/or confidential information. If you are not the intended recipient, please delete this message and any attachments, and do not read, copy, retain or disseminate the message or any attachment. Please notify us immediately by a mail or by calling 330/497-8001

From: Sent: Monday, September 25, 2017 11:01 To: Cc: Subject: FW: PAX 263- IDI Invoice **Attachments:** 082917 IDI Invoice.pdf; IDI_PAX 263_21Sep17.pdf For processing. Thank you! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-Fax: (301) 995-0823 E-mail: @navy.mil ----Original Message----Sent: Thursday, September 21, 2017 2:57 PM To: Cc: Subject: FW: PAX 263- IDI Invoice ----Original Message----From: Sent: Thursday, September 21, 2017 10:09 AM To: Subject: FW: PAX 263- IDI Invoice Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670

@navy.mil

Phone: (301) 342-

(301) 995-0823

Fax:

E-mail:

Original Message From: Sent: Thursday, September 21, 2017 10:02 AM To: Subject: RE: PAX 263- IDI Invoice
Signed.
Original Message From: Sent: Thursday, September 21, 2017 9:55 AM To: Cc: Subject: FW: PAX 263- IDI Invoice
Original Message From: Sent: Thursday, September 21, 2017 9:38 AM To: Cc: Subject: PAX 263- IDI Invoice
Hopefully these are all correct now. Thank you!
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342- Fax: (301) 995-0823 E-mail: @navy.mil
Original Message From: Sent: Wednesday, September 20, 2017 4:47 PM To: Cc: Subject: PAX 263- IDI Invoice  For processing. Thank you!
,,
Original Message From: Sent: Wednesday, September 20, 2017 4:44 PM To:

Subject: PAX 237- IDI Invoice

For review and signature. Thank you!

----Original Message-----

From: Illustration and Drafting [mailto @sbcglobal.net]

Sent: Friday, September 15, 2017 3:16 PM

To:

Subject: [Non-DoD Source] IDI invoices



Attached are the invoices for PAX-228, PAX-237 and PAX-263.

Sorry for the delay on getting these to you.

**Thanks** 



Illustration & Drafting, Inc.

11233 Bancroft Ave., N.W., Uniontown, Ohio 44685 Ph. 330/497



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the message or any attachment. Please notify us immediately by e-mail or by calling 330/497-8001

From: PTAS <ptas@uspto.gov>

**Sent:** <u>Thursday, August 17, 2017</u> 15:59

To:

Subject: [Non-DoD Source] Assignment Notice of Recordation (WUID: 504506527)

Attachments: Notice.pdf; CoverSheet.tif

Please find attached the Notice of Recordation and the corresponding TIFF image of the first page of the coversheet submitted to the Assignment Recordation Branch.

-----

WUID: 504506527

**DOCKET NUMBER: PAX 263** 

FIRST ASSIGNEE: DEPARTMENT OF THE NAVY

SOURCE: PTAS

_____

PLEASE NOTE: This is an unmonitored email address. In the event you need to contact the Assignment Recordation Branch, please email assign@uspto.gov or call (571) 272-3350.

The United States Patent and Trademark Office Mail Stop: Assignment Recordation Branch PO Box 1450 Alexandria, VA 22313

This message contains information that may be confidential and privileged. Unless you are the addressee (or authorized to receive mail for the addressee), you should not use, copy or disclose to anyone this message or any information contained in this message. If you have received this message in error, please advise the Assignment Recordation Branch by a mail and delete this message. Thank you for your cooperation.

From: Sent: To:	Thursday, August 17, 2017 6:45
Subject:	RE: Patent Application Filed! (PAX 263 / Application # 15678672)
H , many thanks, much a	ppreciate this.
Original Message From: Sent: Wednesday, August 16, 20 To:	017 4:08 PM
Cc:	d! (PAX 263 / Application # 15678672)
a separate message containing	that my attempts to recall messages may have caused. This message is accurate. I sent the form to process the incentive aware for and I inadvertently copied on that it to recall that message. My apologies.
Original Message From: Sent: Wednesday, August 16, 20 To:	017 3:58 PM
Cc: Subject: RE: Patent Application	Filed! (PAX 263 / Application # 15678672)
Original Message From: Sent: Wednesday, August 16, 20 To: Cc: Subject: Patent Application File	D17 3:48 PM d! (PAX 263 / Application # 15678672)
	to your invention has now been filed with the United States Patent & Trademark Office

The patent application relating to your invention has now been filed with the United States Patent & Trademark Office! Application / Serial # 15678672 was filed on August 16, 2017.

Our mission is to protect the Navy's intellectual property from claims by third parties by patenting Navy inventions and to leverage Navy technology through technology transfer.

Your incentive award is being processed and you should receive your payment soon. Thank you so much for your cooperation!

Should you have any questions or concerns, please feel free to contact me.

47076 Liljencrantz Road, Patuxent River, MD 20670

Phone: (301) 342 Fax: (301) 995-0823

E-mail: @navy.mil

----Original Message-----

From:

Sent: Wednesday, August 16, 2017 8:53 AM

To:

Cc:

Subject: PAX 263 patent application - filing number and copy of filing

Importance: High

08-16-2017

Greetings

Please send me PAX 263 patent application - filing number and copy of filing, as soon as these become available.

Thank you very much for all your help.



DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670

301-342-

From: Sent:	Wednesday, August 16, 2017 16:08
To: Cc:	
Subject:	Patent Application Filed! (PAX 263 / Application # 15678672)
Attachments:	! App as Filed.pdf
Importance:	Low
a separate message containing the	hat my attempts to recall messages may have caused. This message is accurate. I sent to process the incentive aware for and I inadvertently copied on that to recall that message. My apologies.
Original Message From: Sent: Wednesday, August 16, 201 To: Cc: Subject: RE: Patent Application Fil	7 3:58 PM ed! (PAX 263 / Application # 15678672)
Original Message From: Sent: Wednesday, August 16, 201 To: Cc: Subject: Patent Application Filed!	7 3:48 PM (PAX 263 / Application # 15678672)
The patent application relating to Application / Serial # 15678672 w	your invention has now been filed with the United States Patent & Trademark Office! as filed on August 16, 2017.
Our mission is to protect the Navy to leverage Navy technology throu	's intellectual property from claims by third parties by patenting Navy inventions and ugh technology transfer.
Your incentive award is being pro- cooperation!	cessed and you should receive your payment soon. Thank you so much for your
Should you have any questions or	concerns, please feel free to contact me.
Thank you and have a great day!	
Office of Counsel, NAWCAD 47076 Liljencrantz Road,	
Patuxent River, MD 20670	

E-mail: @navy.mil
From: Sent: Wednesday, August 16, 2017 9:02 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
Thank you that's great.
From: Sent: Wednesday, August 16, 2017 9:01 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
'm hoping today.
From: Sent: Wednesday, August 16, 2017 9:00 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
Thank you much obliged.  Do you have some idea when the filing may go through?
From: Sent: Wednesday, August 16, 2017 8:59 AM  To: Solution
Will do :)
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995-0823 E-mail: @navy.mil
Original Message

Phone: (301) 342 Fax: (301) 995-0823 From:

Sent: Wednesday, August 16, 2017 8:53 AM

To:

Subject: PAX 263 patent application - filing number and copy of filing

Importance: High

08-16-2017

Greetings

Please send me PAX 263 patent application - filing number and copy of filing, as soon as these become available.

Thank you very much for all your help.



DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670

301-342-

From: Sent: Wednesday, August 16, 2017 16:04 To: Cc: Subject: FW: Patent Application Filed! (PAX 263 / Application # 15678672) Attachments: INCENTIVE AWARD.pdf I attempted to recall this message only b/c I accidently copied the inventor. Not that It's a big deal but either way ... still needs to be processed. Thank you! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995-0823 E-mail: @navy.mil ----Original Message----Sent: Wednesday, August 16, 2017 4:02 PM To: Cc: Subject: RE: Patent Application Filed! (PAX 263 / Application # 15678672) For processing. Thank you!  $\sim$ Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-Fax: (301) 995-0823 E-mail: @navy.mil ----Original Message----From: Sent: Wednesday, August 16, 2017 3:48 PM To: Cc:

Subject: Patent Application Filed! (PAX 263 / Application # 15678672)

The patent application relating to your invention has now been filed with the United States Patent & Trademark Office! Application / Serial # 15678672 was filed on August 16, 2017.

Our mission is to protect the Navy's intellectual property from claims by third parties by patenting Navy inventions and to leverage Navy technology through technology transfer.

Your incentive award is being processed and you should receive your payment soon. Thank you so much for your cooperation!

Should you have any questions or concerns, please feel free to contact me.

Should you have any questions of concerns, pieuse reel free to contuct if
Thank you and have a great day!
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995- E-mail: @navy.mil
Original Message From: Sent: Wednesday, August 16, 2017 9:02 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
Thank you that's great.
Original Message From: Sent: Wednesday, August 16, 2017 9:01 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
I'm hoping today.
Original Message From: Sent: Wednesday, August 16, 2017 9:00 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
Thank you much obliged.  Do you have some idea when the filing may go through?
Original Message

From: Sent: Wednesday, August 16, 2017 8:59 AM To: Subject: RE: PAX 263 patent application - filing number and copy of filing
Will do :)
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342- Fax: (301) 995-0823 E-mail: @navy.mil
Original Message From: Sent: Wednesday, August 16, 2017 8:53 AM To: Cc: Subject: PAX 263 patent application - filing number and copy of filing Importance: High
08-16-2017
Greetings ,
Please send me PAX 263 patent application - filing number and copy of filing, as soon as these become available.

Thank you very much for all your help.

DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1

NAS Patuxent River, MD. 20670 301-342From:

Sent: Wednesday, August 16, 2017 15:58

To:

Cc:

Subject: RE: Patent Application Filed! (PAX 263 / Application # 15678672)

Attachments: ! App as Filed.pdf

----Original Message----

From:

Sent: Wednesday, August 16, 2017 3:48 PM

Cc:

Subject: Patent Application Filed! (PAX 263 / Application # 15678672)

The patent application relating to your invention has now been filed with the United States Patent & Trademark Office! Application / Serial # 15678672 was filed on August 16, 2017.

Our mission is to protect the Navy's intellectual property from claims by third parties by patenting Navy inventions and to leverage Navy technology through technology transfer.

Your incentive award is being processed and you should receive your payment soon. Thank you so much for your cooperation!

Should you have any questions or concerns, please feel free to contact me.

Thank you and have a great day!

Office of Counsel, NAWCAD 47076 Liljencrantz Road,

Patuxent River, MD 20670

Phone: (301) 342 (301) 995-0823 Fax:

E-mail: @navy.mil

----Original Message----

From:

Sent: Wednesday, August 16, 2017 9:02 AM

Subject: RE: PAX 263 patent application - filing number and copy of filing

Thank you that's great.



Thank you very much for all your help.

DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670 301-342 From: Sent: Wednesday, August 16, 2017 15:48 To: Cc: Subject: Patent Application Filed! (PAX 263 / Application # 15678672) The patent application relating to your invention has now been filed with the United States Patent & Trademark Office! Application / Serial # 15678672 was filed on August 16, 2017. Our mission is to protect the Navy's intellectual property from claims by third parties by patenting Navy inventions and to leverage Navy technology through technology transfer. Your incentive award is being processed and you should receive your payment soon. Thank you so much for your cooperation! Should you have any questions or concerns, please feel free to contact me. Thank you and have a great day! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-(301) 995-0823 Fax: E-mail: @navy.mil ----Original Message----From: Sent: Wednesday, August 16, 2017 9:02 AM Subject: RE: PAX 263 patent application - filing number and copy of filing Thank you that's great. ----Original Message----From: Sent: Wednesday, August 16, 2017 9:01 AM Subject: RE: PAX 263 patent application - filing number and copy of filing I'm hoping today.

----Original Message----

From: Sent: Wednesday, August 16, 2017 9:00 AM To:
Subject: RE: PAX 263 patent application - filing number and copy of filing
Thank you much obliged.  Do you have some idea when the filing may go through?
Original Message From: Sent: Wednesday, August 16, 2017 8:59 AM To:
Subject: RE: PAX 263 patent application - filing number and copy of filing
Will do :)
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995-0823 E-mail: @navy.mil
Original Message From: Sent: Wednesday, August 16, 2017 8:53 AM To: Cc: Subject: PAX 263 patent application - filing number and copy of filing Importance: High
08-16-2017
Greetings
Please send me PAX 263 patent application - filing number and copy of filing, as soon as these become available.
Thank you very much for all your help.

DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670 301-342-

Sent: Tuesday, August 15, 2017 9:04 To: Subject: FW: PAX 263 - DRAWINGS Attachments: PAX-263_Draft-1.pdf; Pax 263 - REVISED.doc ----Original Message----@navy.mil] From: Sent: Tuesday, August 01, 2017 11:25 AM To: Cc: Subject: FW: PAX 263 - DRAWINGS FYI ----Original Message----From: Illustration and Drafting [mailto @sbcglobal.net] Sent: Tuesday, August 01, 2017 10:08 AM To: Subject: PAX 263 - DRAWINGS The estimate for PAX-263 will be \$50.00 Attached for your review are the figures for PAX-263. **Thanks** Illustration & Drafting, Inc. 11233 Bancroft Ave., N.W., Uniontown, Ohio 44685 Ph. 330/497 From: @navy.mil> @sbcglobal.net" @sbcglobal.net> To: Cc: @navy.mil>; @navy.mil>

From:

Sent: Monday, July 31, 2017 9:27 AM Subject: PAX 263 - DRAWINGS

Please provide us with a quote for the attached drawings. Thank you!

Office of Counsel, NAWCAD

47076 Liljencrantz Road,

Patuxent River, MD 20670

Phone: (301) 342

Fax: (301) 995-0823

E-mail: @navy.mil

From: Sent: To: Cc: Subject:	Monday, August 14, 2017 13:17  RE: PAX 263 - REVIEW APP DOCS (Need SPEC & Drawings)
Sorry that's the only copy at 0900 and you can scan it into P Thank you.	I have - I'll bring over a copy of chapter 10 with me tomorrow morning when I see DFlet me know if ok
Original Message From: Sent: Monday, August 14, 2017 1 To: Cc: Subject: FW: PAX 263 - REVIEW A	:13 PM PP DOCS (Need SPEC & Drawings)
Do you happen to have an unsecu	ured version of the attached book? The one you sent was locked.
Regarding the POA, we just put you the first named inventor by the la	our last name in that space. All the prosecution documents from the USPTO refer to st name.
Assignment is corrected.	
We do have this paper. It is #5 o	n the IDS.
Should you have any additional q	uestions, please do not hesitate to contact me.
Thank you!	
Original Message From: Sent: Monday, August 14, 2017 7 To: Cc: Subject: RE: PAX 263 - REVIEW AF	
1200	ached book in questionif you can possibly copy Chapter 10 (last chapter) of the book in handy for the examiner (it strongly argues for the possible physics of RTSC).
I will see tomorrow at our s	cheduled meeting - has the Spec and Drawings.

The forms look good --- one thing on AIA0882-POA - -shouldn't my whole name be in the 'First named Inventor' line?

Also I have attached the 'Assignment of Invention', showing my correct residence, in In case you do not have a copy of my authored paper referred to in the PAX 263 patent application - -I have attached it (last attachment) Thank you for all the hard work. DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670 301-342 ----Original Message----From: Sent: Thursday, August 10, 2017 11:22 AM To: Cc: Subject: PAX 263 - REVIEW APP DOCS (Need SPEC & Drawings) Please review the attached documents for accuracy. Regarding the IDS, please confirm that I have all the papers you would like to submit. In my file, I have a copy of what looks like part of the front page of a book / paper entitled "Room-Temperature Superconductivity" by . If this is something that you would like me to include with the application, please send me a complete copy of this paper. Once finalized, you will sign all these documents on 8/15 when you meet with Thank you! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670

Phone: (301) 342-

(301) 995-0823

@navy.mil

Fax:

E-mail:

From: Sent: To: Cc: Subject: Attachments:	Monday, August 14, 2017 7:55  RE: PAX 263 - REVIEW APP DOCS (Need SPEC & Drawings)  Room temperature superconductivity.pdf; Assignment_of_Invention_NAVONR.docx; IJSPACESE030402 .pdf
The state of the s	tached book in questionif you can possibly copy Chapter 10 (last chapter) of the book in handy for the examiner (it strongly argues for the possible physics of RTSC).
I will see tomorrow at our	scheduled meeting - has the Spec and Drawings.
The forms look good one thin	ng on AIA0882-POAshouldn't my whole name be in the 'First named Inventor' line?
Also I have attached the 'Assigni	ment of Invention', showing my correct residence, in
In case you do not have a copy of (last attachment)	of my authored paper referred to in the PAX 263 patent applicationI have attached it
Thank you for all the hard work.	
DoD/DoN/NAVAIR/NAWCAD/AI NAS Patuxent River, MD. 20670 301-342-	R 4.3.5.1
Original Message From: Sent: Thursday, August 10, 2017 To:	' 11:22 AM

Please review the attached documents for accuracy. Regarding the IDS, please confirm that I have all the papers you would like to submit. In my file, I have a copy of what looks like part of the front page of a book / paper entitled "Room-

Subject: PAX 263 - REVIEW APP DOCS (Need SPEC & Drawings)

Temperature Superconductivity" by _______. If this is something that you would like me to include with the application, please send me a complete copy of this paper.

Once finalized, you will sign all these documents on 8/15 when you meet with Thank you!

Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670

Phone: (301) 342 Fax: (301) 995-0823

E-mail: @navy.mil

From:	
Sent:	Wednesday, August 09, 2017 15:19
To:	Wednesday, Addust 05, 2017 15.15
Cc:	
Subject:	PAX 263 - DRAFT APP DOCS / DRAWINGS?
Attachments:	FW: PAX 263 - DRAWINGS (37.0 KB)
Attacimients.	TW. TAX 203 - DIAWINGS (37.0 KB)
Are the attached drawings the fin	al version?
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	v
Office of Counsel, NAWCAD	
47076 Liljencrantz Road,	
Patuxent River, MD 20670	Market Control of the
Phone: (301) 342-	
Fax: (301) 995-0823	
E-mail: @navy.r	nil
Original Message	
From:	
Sent: Wednesday, August 02, 201	7 7:52 AM
To:	And the Angle of the Control of the
Cc:	
Subject: PAX 263 - DRAFT APP DO	cs
Will do.	
Original Message	
From:	
Sent: Wednesday, August 02, 201	7 7:03 AM
To:	
Subject: RE: PAX 263	
Piezoelectricity-induced Room Te	mperature Superconductor
Original Message	
From:	
Sent: Wednesday, August 02, 201	<u>7 7:</u> 02 AM
To:	
Cc:	
Subject: RE: PAX 263	
I need the title	

Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342- Fax: (301) 995-0823 E-mail: @navy.mil
Original Message From: Sent: Wednesday, August 02, 2017 6:34 AM To: Subject: RE: PAX 263
Spec is not finalized. We will finalize it on 8/15- same day wants to sign the papers.
Original Message From: Sent: Wednesday, August 02, 2017 6:33 AM To: Cc: Subject: PAX 263
I sent you the draft drawings yesterday, but I haven't received the spec yet.
Original Message From: Sent: Wednesday, August 02, 2017 6:32 AM To: Subject: PAX 263
will be coming to the office on August 15. To finalize PAX 263. would like to sign the paperwork that day Can you prepare the paperwork to be ready by then?
Thanks

Naval Air Warfare Center Aircraft Division Office of Counsel 47076 Liljencrantz Road

Patuxent River, MD 20670 Tel.: (301) 757 Fax: (301) 342-1840

From: Sent: To: Cc: Subject:	Tuesday, August 01, 2017 11:25 19 FW: PAX 263 - DRAWINGS
-	
Attachments:	PAX-263_Draft-1.pdf
FYI	
Original Message From: Illustration and Drafting [massent: Tuesday, August 01, 2017 10 To: Subject: PAX 263 - DRAWINGS	
The estimate for PAX-263 will be \$	550.00
Attached for your review are the f	igures for PAX-263.
Thanks	
Illustration & Drafting, Inc. 11233 Bancroft Ave., N.W., Union	town, Ohio 44685 Ph. 330/497-
NOTE. This is a confidential comm	unication and may contain privileged and/or confidential information. If you are no
the intended recipient, please del	ete this message and any attachments, and do not read, copy, retain or disseminate
the message or any attachment. P	lease notify us immediately by e-mail or by calling 330/497-8001
From: To: @sbcglobal.net" Cc: @navy.mil>	@navy.mil> @sbcglobal.net> @navy.mil>;
Sent: Monday, July 31, 2017 9:27 Subject: PAX 263 - DRAWINGS Please provide us with a quote for	the attached drawings. Thank you!
	- ,

Office of Counsel, NAWCAD

47076 Liljencrantz Road,

Patuxent River, MD 20670

Phone: (301) 342

Fax: (301) 995-0823

E-mail: @navy.mil

Sent: To: Monday, July 31, 2017 9:27

@sbcglobal.net

Cc:

Subject:

PAX 263 - DRAWINGS

Attachments:

Drawings.pdf

Please provide us with a quote for the attached drawings. Thank you!

 \sim

Office of Counsel, NAWCAD

47076 Liljencrantz Road, Patuxent River, MD 20670

Phone: (301) 342-Fax: (301) 995-0823

E-mail: @navy.mil

Sent: Wednesday, June 28, 2017 8:45

To:

Cc:

Subject: PAX 263 - DRAFT - and important reference papers

Attachments: SUPERCONDUCTIVITY IN POLYMERS.pdf; ISOTOPE EFFECT IN

SUPERCONDUCTORS.pdf; MetalPZT - RT Superconductivity.pdf; PAX 263 - DRAFT.doc;

IJSPACESE030402

Importance: High

06-28-2017

Greetings ,

Please use the attached version of the PAX 263 - Piezoelectricity Induced Room Temperature Superconductor - related technical paper to write a first draft of the patent application.

Also please ensure that includes the attached four very important papers for the patent examiner (along with all the other reference papers I have already submitted as background material to this case).

Thank you very much for all your help, I look forward to discussing the first draft in person - we work extremely well together.

Looking forward to next Thursday (07-06-2017) to sit down and go over your modifications. Respectfully,

DoD/DoN/NAVAIR/NAWCAD/AIR 4.3.5.1 NAS Patuxent River, MD. 20670 301-342

Sent: Wednesday, May 31, 2017 6:27

To:

Subject: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor - Wrong

Address

Attachments: 053017 DTR.pdf

Importance: High

05-31-2017

Greetings

Thank you for the official letter - sorry to mention this, but the letter has my wrong address (I thought I had send you my correct one - my apologies).

Please change your official records to my residential address:



Thank you for all your help.



----Original Message-----

From:

Sent: Tuesday, May 30, 2017 1:39 PM

To:

.. D

Subject: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor

Please see attached correspondence. Thank you!

 \sim

Office of Counsel, NAWCAD 47076 Liljencrantz Road

Patuxent River, MD 20670

Phone: (301) 342 Fax: (301) 995-0823

E-mail: @navy.mil

Original Message
From:
Sent: Tuesday, May 23, 2017 4:09 PM
To:
Cc:
Subject: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor
Importance: High
importance: riigii
Thank you for submitting your invention disclosure concerning the "Piezoelectricity-induced Room Temperature Superconductor". It has been assigned Navy Case Number PAX 263. We have forwarded the invention disclosure to the PAX Technology Transfer Office (TTO) to get the invention evaluation process started. The TTO will arrange for technical and marketing reviews of your invention. It usually takes 60 to 90 days to complete the technical and market
reviews. You can expect to be contacted by the marketing reviewer and possibly also by the technical reviewer.
After the technical and marketing reviews have been completed, the invention will be placed on the Invention Evaluation Board's docket. You will be notified of the date. We encourage inventor participation at the meeting. It can be very helpful to have inventors there to explain how their invention works, how it differs from the prior art, and to answer any questions that Board members may have. If you would like to make a presentation at the IEB meeting, either in person or by VTC, please contact @navy.mil to coordinate.
If you have cited technical papers in your Invention Disclosure, please forward pdf's of those papers at your earliest
convenience. If pdf copies are not readily available please let us know. You may also wish to ask for assistance from the
NAVAIR Scientific and Technical Library at 301-342-1927 (email technical library fct@navy.mil) or the
Reference/Research Librarian, at 301-342 and and @navy.mil.
*** At your earliest convenience, please send me all your contact information (home address, cell, etc.).
If you have any questions concerning the IEB process or any questions concerning patent law, please feel free to contact
me or We look forward to working with you on this very interesting invention.
We look for ward to working with you off this very interesting invention.
Office of Counsel, NAWCAD
47076 Liljencrantz Road,
Patuxent River, MD 20670
Phone: (301) 342-
Fax: (301) 995-0823
E-mail: @navy.mil
Original Message
From:
Sent: Monday, May 22, 2017 6:47 AM
To:
Cc:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
Importance: High

Dear de la company de la compa
The forms in question have already been filled out and the originals submitted to the Office of Counsel - please see attached documents - , as usual, are doing a superb job in moving the process along. To them a great part of the credit must go.
is a formidable patent lawyer, these advanced concepts (Navy Cases PAX 182, PAX 205, and PAX 233) were not easy to translate into easily understandable and technically admittable patent application, professionalism and skills are highly commendable.
I am very glad and feel very fortunate to see that this latest invention disclosure has your strong backing - I have more to discuss with you on the subject of Piezoelectricity-induced Room Temperature Superconductor (among other topics), when we meet tomorrow morning.
Please continue to contact me by e-mail, since I have now transferred to 4.3.5.1 - and am waiting for a new working phone (and number).
, our discussions have generated many great ideas and I am extremely grateful to you for understanding and backing them.
Thank you for your vision and your leadership. Gratefully and respectfully,
DoD/DoN/NAVAIR/NAWCAD/4.3.5.1 NAS Patuxent River, MD
Original Message From: Sent: Sunday, May 21, 2017 9:06 PM To: Cc:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor I'm just checking to see whether the forms requested have been forwarded to
I'm just checking to see whether the forms requested have been forwarded to theoretical backing and I'd like to see the disclosure filed as soon as possible but also realize the patent office is basically

a one man show. Please let me know if there's anything you need from me or that I can help with.

A status update would be appreciated.

v/r

Naval Aviation Enterprise

301-342

Privacy Act Notice. This e-mail communication may contain information subject to the provisions of the Privacy Act (P.L. 93-579) or may be business sensitive. This data is intended only for the use of the individual(s) addressed above and is to be treated in a confidential manner. If you have received this e-mail in error, please immediately notify me by return e-mail and delete this message from your system.

----Original Message-----

From:

Sent: Wednesday, May 17, 2017 6:45 AM

To: Cc:

Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor

Importance: High

May 17, 2017

Greetings,

I wish to officially disclose my latest invention, titled "Piezoelectricity-driven Room Temperature Superconductor".

The invention discloses a system for achieving room temperature superconductivity (RTSC) in a current-carrying special composite 'metallic' wire. The current can be steady, or pulsed for maximum effect.

This concept enables the transmission of electrical power without any losses, which leads to the design and development of novel energy generation and harvesting devices with enormous benefits to civilization.

Simply put, RTSC may be enabled in a current carrying-special composite 'metallic' wire which is abruptly vibrated by mechanical or electrical means. The wire is composed of a bulk (core) insulator with a 'thin' coating of a 'normal' metal (such as Aluminum), of a thickness on the order of the London penetration depth (but possibly much thicker), considering an externally applied magnetic field.

Strong electron-lattice interactions physically drive room temperature superconductivity, and the coupling between the electrons and the ion lattice is strengthened to a very high degree by abrupt / accelerated wire vibration.

For the electrically-driven vibration, the wire is coated with lead zirconate titanate ('poor' metal / ceramic), or any other material in which the piezoelectric effect can be induced. Since the RTSC supercurrent may possibly be generated along the metal/insulator interface (boundary), this wire configuration can be termed an unconventional superconductor.

Possibly, the enablement of RTSC has something to do with the SC material chemical structure but a great deal more to do with what is 'done' to the material to make it SC, from a far-from-equilibrium perspective (non-equilibrium thermodynamics).

There are three parameters which affect superconductivity, namely temperature, current density, and externally applied magnetic field strength. Physically, these parameters have in common one thing, namely the interactive motion of electric charges, namely electrons.

Control of this motion via vibration and/or spin of charged matter subjected to rapid acceleration transients (highly non-linear in nature) may lead to the achievement of room temperature superconductivity, especially if the charged matter is inhomogeneous.

The key to superconductivity is the enablement of local macroscopic quantum coherence, namely the ability of a macroscopic object to act as if quantum mechanical in nature exhibiting such phenomena as superposition, entanglement, tunneling.

It is a well-known facet of quantum field theory that everything can be described in quantum mechanical terms. The complex interactions between a physical system and its surroundings (environment), disrupt the quantum mechanical nature of a system and render it classical under ordinary observation. This process is known as decoherence.

However, it is argued that we can delay decoherence (and possibly even suppress it - namely decouple a physical system from the environment) by accelerated spin and/or accelerated vibration of electrically charged matter under rapid acceleration transients. This may be the very condition to achieve a state of macroscopic quantum coherence, the idea being that we never let the system achieve thermodynamic equilibrium, by constantly delaying the onset of relaxation to equilibrium (hence the production of maximal entropy is delayed).

The system may 'violently' react by generating "anomalous" emergent phenomena, such as, but not limited to, room temperature superconductivity.

Please send me the NAVAIR official forms to properly disclose this invention.

I have transferred to 4.3.5.1 - and my old phone number is no longer valid (no access to 301-995 - thus please contact me by email only.

Thank you for all your assistance and for making this a smooth process.

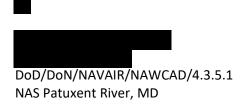
-NOTE: Please consider this information FOUO - Do Not Distribute.

DoD/DoN/NAVAIR/NAWCAD Air 4.3.5.1 NAS Patuxent River, MD

From: Sent: To: Cc: Subject: Attachments:	Tuesday, May 30, 2017 13:39 PAX 263 - Piezoelectricity-induced Room Temperature Superconductor 053017 DTR.pdf
Please see attached corresponde	nce. Thank you!
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995-0823 E-mail: @navy.i	
Original Message From: Sent: Tuesday, May 23, 2017 4:09 To: Cc: Subject: PAX 263 - Piezoelectricity Importance: High	9 PM y-induced Room Temperature Superconductor
Superconductor". It has been as the PAX Technology Transfer Office technical and marketing reviews	vention disclosure concerning the "Piezoelectricity-induced Room Temperature signed Navy Case Number PAX 263. We have forwarded the invention disclosure to ce (TTO) to get the invention evaluation process started. The TTO will arrange for of your invention. It usually takes 60 to 90 days to complete the technical and market ntacted by the marketing reviewer and possibly also by the technical reviewer.
Evaluation Board's docket. You we be very helpful to have inventors	g reviews have been completed, the invention will be placed on the Invention will be notified of the date. We encourage inventor participation at the meeting. It can there to explain how their invention works, how it differs from the prior art, and to members may have. If you would like to make a presentation at the IEB meeting, e contact @navy.mil to coordinate.
convenience. If pdf copies are no	s in your Invention Disclosure, please forward pdf's of those papers at your earliest of readily available please let us know. You may also wish to ask for assistance from the ibrary at 301-342-1927 (email technical.library.fct@navy.mil) or the at 301-342 and @navy.mil.

^{***} At your earliest convenience, please send me all your contact information (home address, cell, etc.).

If you have any questions concerning the IEB process or any questions concerning patent law, please feel free to contact me or We look forward to working with you on this very interesting invention.
Office of Counsel, NAWCAD
47076 Liljencrantz Road,
Patuxent River, MD 20670 Phone: (301) 342
Fax: (301) 995-0823
E-mail: @navy.mil
Original Message
From: Sent: Monday, May 22, 2017 6:47 AM
To:
Cc:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor Importance: High
05-22-2017
Dear ,
The forms in question have already been filled out and the originals submitted to the Office of Counsel - please see
attached documents - , as usual, are doing a superb join moving the process along. To them a great part of the credit must go.
is a formidable patent lawyer, these advanced concepts (Navy Cases PAX 182, PAX 205, and PAX 233) were no
easy to translate into easily understandable and technically admittable patent application, professionalism and skill are highly commendable.
I am very glad and feel very fortunate to see that this latest invention disclosure has your strong backing - I have more
discuss with you on the subject of Piezoelectricity-induced Room Temperature Superconductor (among other topics), when we meet tomorrow morning.
Please continue to contact me by e-mail, since I have now transferred to 4.3.5.1 - and am waiting for a new working phone (and number).
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Thank you for your vision and your leadership. Gratefully and respectfully,



Importance: High

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To:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
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A status update would be appreciated.
v/r
Naval Aviation Enterprise
301-342
Privacy Act Notice: This e-mail communication may contain information subject to the provisions of the Privacy Act (P.I. 93-579) or may be business sensitive. This data is intended only for the use of the individual(s) addressed above and is to be treated in a confidential manner. If you have received this e-mail in error, please immediately notify me by return
e-mail and delete this message from your system.
Original Message From: Sent: Wednesday, May 17, 2017 6:45 AM To:

Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor

May 17, 2017

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Please send me the NAVAIR official forms to properly disclose this invention.

I have transferred to 4.3.5.1 - and my old phone number is no longer valid (no access to 301-995 contact me by email only.

Thank you for all your assistance and for making this a smooth process.



NOTE: Please consider this information FOUO Do Not Distribute.

DoD/DoN/NAVAIR/NAWCAD Air 4.3.5.1 NAS Patuxent River, MD

From:		
Sent:	Thursday, May 25, 2017 8:56	
To:		
Cc:		
Subject:	RE: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor -	
	additional IMPORTANT references	
Attachments:	SUPERCONDUCTIVITY IN POLYMERS.pdf; mitrano-k3c60nat-2016.pdf	
Hi attached are two in Thank you.	mportant papers, I forgot to include - please attach to the previous package for PAX 263.	
Original Message From: Sent: Tuesday, May 23, 2017 To: Cc: Subject: PAX 263 - Piezoelecti	4:09 PM ricity-induced Room Temperature Superconductor	
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Evaluation Board's docket. Yo be very helpful to have invent	eting reviews have been completed, the invention will be placed on the Invention ou will be notified of the date. We encourage inventor participation at the meeting. It can tors there to explain how their invention works, how it differs from the prior art, and to pard members may have. If you would like to make a presentation at the IEB meeting, ease contact	ın
convenience. If pdf copies ar	pers in your Invention Disclosure, please forward pdf's of those papers at your earliest e not readily available please let us know. You may also wish to ask for assistance from total Library at 301-342-1927 (email technical Library fct@navy.mil) or the at 301-342-1927 and @navy.mil.	he
*** At your earliest convenie	nce, please send me all your contact information (home address, cell, etc.).	
	ncerning the IEB process or any questions concerning patent law, please feel free to conta ward to working with you on this very interesting invention.	ict
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Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342- Fax: (301) 995-0823 E-mail: @navy.mil
Original Message From: Sent: Monday, May 22, 2017 6:47 AM To:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor Importance: High
05-22-2017
Dear ,
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is a formidable patent lawyer, these advanced concepts (Navy Cases PAX 182, PAX 205, and PAX 233) were not easy to translate into easily understandable and technically admittable patent application, professionalism and skills are highly commendable.
I am very glad and feel very fortunate to see that this latest invention disclosure has your strong backing - I have more to discuss with you on the subject of Piezoelectricity-induced Room Temperature Superconductor (among other topics), when we meet tomorrow morning.
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Thank you for your vision and your leadership.  Gratefully and respectfully,

DoD/DoN/NAVAIR/NAWCAD/4.3.5.1 NAS Patuxent River, MD

Original Message
From: Sent: Sunday, May 21, 2017 9:06 PM
To:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
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A status update would be appreciated.
v/r
Naval Aviation Enterprise
301-342
Privacy Act Notice: This e mail communication may contain information subject to the provisions of the Privacy Act (P.L.
93-579) or may be business sensitive. This data is intended only for the use of the individual(s) addressed above and is to be treated in a confidential manner. If you have received this e mail in error, please immediately notify me by return
e mail and delete this message from your system.
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To:
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DoD/DoN/NAVAIR/NAWCAD

DoD/DoN/NAVAIR/NAWCAD Air 4.3.5.1 NAS Patuxent River, MD

**Sent:** Thursday, May 25, 2017 8:08

To:

Cc:

Subject:

RE: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor - Reference

Papers and book

Attachments: Room temperature superconductivity.pdf; PHYS REV B 92 184502.pdf;

PRB064523.2008.pdf; Electroceramics - PZT Properties.pdf; US4074565.pdf

Importance: High

Greetings

Attached is the most important reference documentation used to research the inventive concept underlining Navy Case PAX 263 - Piezoelectricity-induced Room Temperature Superconductor.

The attached book "Room Temperature Superconductivity" (Cambridge University publication) is very important, especially Chapters 2, 4 and 8.

Thank you for all your assistance.



DoD/DoN/NAVAIR/NAWCAD /4.3.5.1 NAS Patuxent River, MD

----Original Message----

From:

Sent: Tuesday, May 23, 2017 4:09 PM

To:

Subject: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor

Importance: High

Thank you for submitting your invention disclosure concerning the "Piezoelectricity-induced Room Temperature Superconductor". It has been assigned Navy Case Number PAX 263. We have forwarded the invention disclosure to the PAX Technology Transfer Office (TTO) to get the invention evaluation process started. The TTO will arrange for technical and marketing reviews of your invention. It usually takes 60 to 90 days to complete the technical and market reviews. You can expect to be contacted by the marketing reviewer and possibly also by the technical reviewer.

After the technical and marketing reviews have been completed, the invention will be placed on the Invention Evaluation Board's docket. You will be notified of the date. We encourage inventor participation at the meeting. It can be very helpful to have inventors there to explain how their invention works, how it differs from the prior art, and to

answer any questions that Board members may have. If you would like to make a presentation at the IEB meeting, either in person or by VTC, please contact @navy.mil to coordinate.
If you have cited technical papers in your Invention Disclosure, please forward pdf's of those papers at your earliest convenience. If pdf copies are not readily available please let us know. You may also wish to ask for assistance from the NAVAIR Scientific and Technical Library at 301-342-1927 (email technical Library.fct@navy.mil) or the Reference/Research Librarian, at 301-342 and @navy.mil.
*** At your earliest convenience, please send me all your contact information (home address, cell, etc.).
If you have any questions concerning the IEB process or any questions concerning patent law, please feel free to contact me or We look forward to working with you on this very interesting invention.
~~~~~~~~~~~~~~~~~
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995-0823 E-mail: @navy.mil
Original Message From: Sent: Monday, May 22, 2017 6:47 AM To:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor Importance: High
05-22-2017
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A status update would be appreciated.
v/r
Naval Aviation Enterprise
301-342-
Privacy Act Notice. This e-mail communication may contain information subject to the provisions of the Privacy Act (P.L.

-93 579) or may be business sensitive. This data is intended only for the use of the individual(s) addressed above and is

-----Original Message-----From:

Sent: Wednesday, May 17, 2017 6:45 AM

To:

Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor Importance: High

May 17, 2017

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The invention discloses a system for achieving room temperature superconductivity (RTSC) in a current-carrying special composite 'metallic' wire. The current can be steady, or pulsed for maximum effect.

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Simply put, RTSC may be enabled in a current carrying-special composite 'metallic' wire which is abruptly vibrated by mechanical or electrical means. The wire is composed of a bulk (core) insulator with a 'thin' coating of a 'normal' metal (such as Aluminum), of a thickness on the order of the London penetration depth (but possibly much thicker), considering an externally applied magnetic field.

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DoD/DoN/NAVAIR/NAWCAD Air 4.3.5.1

NAS Patuxent River, MD

From:	
Sent:	Wednesday, May 24, 2017 7:32
То:	
Cc:	
Subject:	RE: PAX 263 - Piezoelectricity-induced Room Temperature Superconductorneed
	official form of Navy Case assignment
Hi Tuesday will be fine - th	nank you for the explanation, I thought I was missing something.
Many thanks.	
Have a great Memorial Day weeks	end.
Thave a great Memorial Bay Weeks	
Original Message	
From:	
Sent: Wednesday, May 24, 2017 7	:29 AM
To:	
Subject: RE: PAX 263 - Piezoelectri	icity-induced Room Temperature Superconductorneed official form of Navy Case
assignment	
That letter (the determination of r	
- 프랑크로 나는 사람들이 있다는 다른 하는 것이다. 그런 사람들이 하나 아니다 되었다면 하는 것이다. 그런 사람들이 되었다면 하는 것이다. 그런 사람들이 되었다면 하는 것이다면 하는 것이다. 그런	ng today and off tomorrow through Monday for the holiday). If you need it sooner -
just let us know and we can have :	someone in the office scan it to you after signs it.
Original Management	
Original Message	
From:	.42 ^\
Sent: Wednesday, May 24, 2017 6	:42 AIVI
То:	
Subject: Re: PAY 263 - Piezoelectri	icity-induced Room Temperature Superconductorneed official form of Navy Case
assignment	icity-induced Room Temperature Superconductor - Theed Official form of Navy Case
Importance: High	
mportance. mg.:	
Hi sorry to bother you with	this matter - I need the official letter that usually sends out with the assignment
	on Navy (DOD) Office of Counsel letterhead(for my records. please).
THE RESIDENCE OF THE PROPERTY	
My personal information is:	
107 201	
	(no phone number yet)
97	
My home address is:	
Cell number: (310) 619	

The attachments you send me are just what I send with my INTAKE documents (not even showing the Navy Case number)please let me know if I am wrong.
Please reply. Many thanks,
Original Message From: Sent: Tuesday, May 23, 2017 4:09 PM To: Subject: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor Importance: High
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Office of Counsel, NAWCAD
47076 Liljencrantz Road,
Patuxent River, MD 20670
Phone: (301) 342
Fax: (301) 995-0823
E-mail: @navy.mil

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Sent: Wednesday, May 24, 2017 6:08 To: Subject: PAX 263 - NO STAT BAR This does not create a stat bar- as no publication was made. ----Original Message-----From: Sent: Tuesday, May 23, 2017 3:38 PM To: Subject: INTAKE -(Piezoelectricity-induced Room Temperature Superconductor) - Editorial Decision JOULE-D-17-00036 Please confirm that this does NOT create a STAT BAR. Thank you! Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-Fax: (301) 995-0823 E-mail: @navy.mil ----Original Message----From: Sent: Thursday, May 18, 2017 11:39 AM To: (Piezoelectricity-induced Room Temperature Superconductor) - Editorial Decision JOULE-D-Subject: RE: INTAKE -17-00036 Importance: High here is exactly what the editor wrote to me - for your records. I am glad this is not an issue, I look forward to this application. Thank you for all your help, I look forward to our work together. Gratefully, On Thu, 5/4/17, Joule <em@editorialmanager.com> wrote:

From:

Subject: Editorial Decision JOULE-D-17-00036

To: @yahoo.com>

Date: Thursday, May 4, 2017, 10:36 AM

Department of the Navy NAS Patuxent River Callaway, MD 20670 UNITED STATES

Piezoelectricity-driven Room Temperature Superconductivity JOULE-D-17-00036

May 04, 2017

Dear

Thank you again for submitting your paper to Joule. I have read your manuscript, assessed the relevant literature, and discussed it with my editorial colleagues. Based on my read and the team discussion, unfortunately we cannot proceed with consideration for Joule.

While the topic of room temperature superconductivity is of course very exciting, we would require you to provide some compelling experimental validation of your proposed theoretical pathway before we could reconsider.

I am sorry to be delivering disappointing news on this occasion. I appreciate that you have invested a significant amount of time and effort into this study and were hoping for a more positive outcome. In the interest of saving time for both you and potential reviewers, we think that it is best to communicate our view at this stage. I hope that this feedback will be of some help to you in publishing the work in a timely way.

We very much appreciate your interest in publishing with Joule and your decision to submit the paper to us.

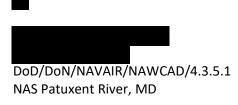
Best wishes,



From: Sent: To: Subject: Attachments:	Tuesday, May 23, 2017 16:15 FW: PAX 263 - Piezoelectricity-induced Room Temperature Superconductor RECORD AND DISCLOSURE OF INVENTION05-17-17.PDF
New disclosure	~
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 Fax: (301) 995-0823 E-mail: @navy.i	I
Original Message From: Sent: Tuesday, May 23, 2017 4:09 To: Subject: PAX 263 - Piezoelectricity Importance: High	PPM y-induced Room Temperature Superconductor
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convenience. If pdf copies are no	s in your Invention Disclosure, please forward pdf's of those papers at your earliest of readily available please let us know. You may also wish to ask for assistance from the above at 301-342-1927 (email technical.library.fct@navy.mil) or the at 301-342 and @navy.mil.

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Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342-9565 Fax: (301) 995-0823 E-mail: @navy.mil
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05-22-2017 Dear
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is a formidable patent lawyer, these advanced concepts (Navy Cases PAX 182, PAX 205, and PAX 233) were not easy to translate into easily understandable and technically admittable patent application, professionalism and skills are highly commendable.
I am very glad and feel very fortunate to see that this latest invention disclosure has your strong backing - I have more to discuss with you on the subject of Piezoelectricity-induced Room Temperature Superconductor (among other topics), when we meet tomorrow morning.
Please continue to contact me by e-mail, since I have now transferred to 4.3.5.1 - and am waiting for a new working phone (and number).
, our discussions have generated many great ideas and I am extremely grateful to you for understanding and backing them.
Thank you Sir, for your vision and your leadership. Gratefully and respectfully,



Importance: High

Original Message From: Sent: Sunday, May 21, 2017 9:06 PM To:
Subjects DE Univertien Disclosure - Diogeoloctricity induced Deem Temperature Supercenductor
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
I'm just checking to see whether the forms requested have been forwarded to the concept has strong theoretical backing and I'd like to see the disclosure filed as soon as possible but also realize the patent office is basically a one man show. Please let me know if there's anything you need from me or that I can help with.
A status update would be appreciated.
v/r
Naval Aviation Enterprise
301-342-
Privacy Act Notice. This e-mail communication may contain information subject to the provisions of the Privacy Act (P.L. 93-579) or may be business sensitive. This data is intended only for the use of the individual(s) addressed above and is
to be treated in a confidential manner. If you have received this e-mail in error, please immediately notify me by return e-mail and delete this message from your system.
Original Message From: Sent: Wednesday, May 17, 2017 6:45 AM
To:

80

Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor

May 17, 2017

Greetings,

I wish to officially disclose my latest invention, titled "Piezoelectricity-driven Room Temperature Superconductor".

The invention discloses a system for achieving room temperature superconductivity (RTSC) in a current-carrying special composite 'metallic' wire. The current can be steady, or pulsed for maximum effect.

This concept enables the transmission of electrical power without any losses, which leads to the design and development of novel energy generation and harvesting devices with enormous benefits to civilization.

Simply put, RTSC may be enabled in a current carrying-special composite 'metallic' wire which is abruptly vibrated by mechanical or electrical means. The wire is composed of a bulk (core) insulator with a 'thin' coating of a 'normal' metal (such as Aluminum), of a thickness on the order of the London penetration depth (but possibly much thicker), considering an externally applied magnetic field.

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Please send me the NAVAIR official forms to properly disclose this invention.

I have transferred to 4.3.5.1 - and my old phone number is no longer valid (no access to 301-995 contact me by email only.

Thank you for all your assistance and for making this a smooth process.



NOTE: Please consider this information FOUO Do Not Distribute.

From:	
Sent:	Tuesday, May 23, 2017 16:09
То:	
Subject:	PAX 263 - Piezoelectricity-induced Room Temperature Superconductor
Attachments:	PATENT RIGHTS QUESTIONNAIRE 05-17-17.PDF; RECORD AND DISCLOSURE OF INVENTION 05-17-17.PDF
Importance:	High
Superconductor". It has been as the PAX Technology Transfer Office technical and marketing reviews	vention disclosure concerning the "Piezoelectricity-induced Room Temperature signed Navy Case Number PAX 263. We have forwarded the invention disclosure to ce (TTO) to get the invention evaluation process started. The TTO will arrange for of your invention. It usually takes 60 to 90 days to complete the technical and market intacted by the marketing reviewer and possibly also by the technical reviewer.
Evaluation Board's docket. You was be very helpful to have inventors	g reviews have been completed, the invention will be placed on the Invention will be notified of the date. We encourage inventor participation at the meeting. It can there to explain how their invention works, how it differs from the prior art, and to members may have. If you would like to make a presentation at the IEB meeting, e contact @navy.mil to coordinate.
convenience. If pdf copies are no	s in your Invention Disclosure, please forward pdf's of those papers at your earliest of readily available please let us know. You may also wish to ask for assistance from the ibrary at 301-342-1927 (email technical.library.fct@navy.mil) or the at 301-342-
*** At your earliest convenience,	, please send me all your contact information (home address, cell, etc.).
	ning the IEB process or any questions concerning patent law, please feel free to contact to working with you on this very interesting invention.
Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342- Fax: (301) 995-0823 E-mail: @navy.i	
Original Message From: Sent: Monday, May 22, 2017 6:47	7 AM

Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor Importance: High
05-22-2017
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Original Message From: Sent: Sunday, May 21, 2017 9:06 PM
To:

Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor

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Naval Aviation Enterprise

301-342

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From: Sent: Monday, May 22, 2017 7:18
To:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
Thanks sorry to all else for adding another email to your inboxes. I was just checking to ensure the disclosure was in motion.
r/
Naval Aviation Enterprise
Navai Aviation Enterprise
301-342
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Original Massage
Original Message From:
Sent: Monday, May 22, 2017 6:47 AM
То:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
Importance: High
05-22-2017
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301-342-

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Sent: Wednesday, May 17, 2017 6:45 AM

To:

Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor

Importance: High

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Thank you for all your assistance and for making this a smooth process.

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From: Sent: To:	Monday, May 22, 2017 6:47
Subject: Attachments:	RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor PATENT RIGHTS QUESTIONNAIRE
Importance:	High
05-22-2017	
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DoD/DoN/NAVAIR/NAWCAD/4.3.	5.1

NAS Patuxent River, MD

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From:
Sent: Sunday, May 21, 2017 9:06 PM
To:
Subject: RE: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
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Naval Aviation Enterprise
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To:
Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor
Importance: High
May 17, 2017
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То:	
Subject:	RE: INTAKE - (Piezoelectricity-induced Room Temperature Superconductor)
Attachments:	PATENT RIGHTS QUESTIONNAIRE_ 05-17-17.PDF; RECORD AND DISCLOSURE OF INVENTION 05-17-17.PDF
	US-17-17.FDF
Importance:	High
Constitute and	
Greetings	
Please see attached / completed I	NTAKE documents (Piezoelectricity-induced Room Temperature Superconductor) .
15.	the originals - I can swing by this morning anytime.
Thank you.	
-	
D-D/D-N/NAVAD NAVAGAD 4 2 5	- 4
DoD/DoN/NAVAIR/NAWCAD 4.3.5 NAS Patuxent River, MD). <u>1</u>
With Future in Niver, Wib	
Original Message	
From:	
Sent: Wednesday, May 17, 2017 1	.0:59 AM
То:	
Subject: INTAKE - (Piezoelect	ricity-induced Room Temperature Superconductor)
Attached for your review, please f	ind a brochure explaining the Patent Process, the Invention Disclosure form (Record
The state of the s	nt Rights Questionnaire and Guide to completing the invention disclosure.
Should you have any questions, pl	ease feel free to contact myself or
Have a great day!	
nave a great day:	
Office of Course NAVACAD	
Office of Counsel, NAWCAD 47076 Liljencrantz Road	1
Patuxent River, MD 20670	
Phone: (301) 342-	

Thursday, May 18, 2017 8:13

From: Sent: Fax: (301) 995-0823

E-mail: @navy.mil

----Original Message-----

From:

Sent: Wednesday, May 17, 2017 6:45 AM

To:

Subject: Invention Disclosure - Piezoelectricity-induced Room Temperature Superconductor

Importance: High

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From: Sent: Wednesday, May 17, 2017 10:59 To: Subject: (Piezoelectricity-induced Room Temperature Superconductor) INTAKE -Attachments: NAWCAD Office of Counsel - Patent Process Brochure.pdf; PATENT RIGHTS QUESTIONNAIRE.DOC; RECORD AND DISCLOSURE OF INVENTION.DOC; Invention Disclosure Guide 2008.doc Attached for your review, please find a brochure explaining the Patent Process, the Invention Disclosure form (Record and Disclosure of Invention), Patent Rights Questionnaire and Guide to completing the invention disclosure. Should you have any questions, please feel free to contact myself or Have a great day! \sim Office of Counsel, NAWCAD 47076 Liljencrantz Road, Patuxent River, MD 20670 Phone: (301) 342 (301) 995-0823 Fax: E-mail: @navy.mil ----Original Message----From: Sent: Wednesday, May 17, 2017 6:45 AM To:

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Importance: High

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The key to superconductivity is the enablement of local macroscopic quantum coherence, namely the ability of a macroscopic object to act as if quantum mechanical in nature exhibiting such phenomena as superposition, entanglement, tunneling.

It is a well-known facet of quantum field theory that everything can be described in quantum mechanical terms. The complex interactions between a physical system and its surroundings (environment), disrupt the quantum mechanical nature of a system and render it classical under ordinary observation. This process is known as decoherence.

However, it is argued that we can delay decoherence (and possibly even suppress it - namely decouple a physical system from the environment) by accelerated spin and/or accelerated vibration of electrically charged matter under rapid acceleration transients. This may be the very condition to achieve a state of macroscopic quantum coherence, the idea being that we never let the system achieve thermodynamic equilibrium, by constantly delaying the onset of relaxation to equilibrium (hence the production of maximal entropy is delayed).

The system may 'violently' react by generating "anomalous" emergent phenomena, such as, but not limited to, room temperature superconductivity.

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