

05-20-2003

Form PTO-1595

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Toshikazu Nishida  
Louis N. Cattafesta, III  
Mark Sheplak  
Khai D. T. NgoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 2. Name and address of receiving party(ies)

Name: University of Florida

Internal Address: \_\_\_\_\_

Street Address: 223 Grinter Hall

City: Gainesville State: FL Zip: 32611

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

05/13/2003 05/12/2003

05/12/2003 05/13/2003

Execution Date: \_\_\_\_\_

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 05/13/2003

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Akerman Senterfitt

Internal Address: \_\_\_\_\_

Street Address: 222 Lakeview Avenue, 4th Floor

P. O. Box 3188

City: West Palm Beach State: FL Zip: 33402-3188

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0951

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## 9. Signature.

LMUELLER 00000020 500951 10436534

40.00 CH

Neil R. Jetter

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 6

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

Express Mail No. EU398217798US

PATENT  
 REEL: 014069 FRAME: 0148

Docket No. 5853-246  
UF No.: 10817

### ASSIGNMENT

WHEREAS, WE, the below-named inventors whose residence and post office are as stated below, have invented certain new and useful improvements in a

#### RESONANT ENERGY MEMS ARRAY AND SYSTEM INCLUDING DYNAMICALLY MODIFIABLE POWER PROCESSOR

for which an application for United States Letters Patent was executed by us on even date herewith, and

WHEREAS, UNIVERSITY OF FLORIDA, existing by virtue of the laws of the State of Florida, and having an office at 223 Grinter Hall, Gainesville, FL 32611, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in the application and invention and to any Letters Patent that may be granted therefore in the United States of America and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to ASSIGNEE the entire right, title and interest in the application and the invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letters Patent on the invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefore on the invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the ASSIGNEE.

Further, we hereby agree to communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said invention in the United States of America and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on us, our heirs, legal representatives, and assigns.

Full name of inventor: TOSHIKAZU NISHIDA

Signature: Toshikazu Nishida Date: 5/13/2003Residence: 2256 NW 5<sup>TH</sup> PLACE, GAINESVILLE, FL 32603

State of Florida )

County of Alachua )

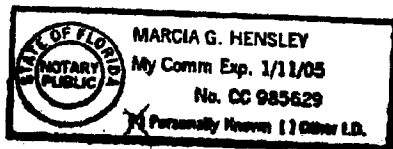
On this 13th day of May, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared **TOSHIKAZU NISHIDA** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

Marcia G. Hensley  
Notary Public

SEAL

My Commission Expires:



4/5

Full name of inventor: LOUIS N. CATTAFESTA, III

Signature: Louis N. Cattafesta III Date: 5/12/03

Residence: 5004 NW 60<sup>TH</sup> TERRACE, GAINESVILLE, FL 32653

State of Florida )

County of \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared **LOUIS N. CATTAFESTA, III** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires:

Full name of inventor: **MARK SHEPLAK**

Signature: 

Date: 5/12/03

Residence: 8600 SW 103<sup>RD</sup> AVENUE, GAINESVILLE, FL 32608

State of Florida )

County of \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared **MARK SHEPLAK** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires:

Full name of inventor: KHAI D. T. NGO

Signature: Khai D. T. Ngo Date: May 13<sup>th</sup>, 2003

Residence: 4922 NW 62<sup>ND</sup> STREET, GAINESVILLE, FL 32653

State of Florida )

County of \_\_\_\_\_)

On this \_\_\_\_\_ day of \_\_\_\_\_, 2003, before me, a Notary Public in and for the County and State aforesaid, appeared **KHAI D. T. NGO** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

\_\_\_\_\_  
Notary Public

SEAL

My Commission Expires: