PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN EDWARD KITCHING	03/19/2021
ELIZABETH ANN DONLEY	03/22/2021
AZURE LYNN HANSEN	03/26/2021

RECEIVING PARTY DATA

Name:	GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF COMMERCE
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Internal Address:	100 BUREAU DRIVE, MS 2200
City:	GAITHERSBURG
State/Country:	MARYLAND
Postal Code:	20899

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17177895

CORRESPONDENCE DATA

Fax Number: (301)975-3482

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.

301-975-2691 Phone: Email: patents@nist.gov

NIST (EILEEN BRIGHT) **Correspondent Name: 100 BUREAU DRIVE** Address Line 1:

Address Line 2: MS 2200

Address Line 4: GAITHERSBURG, MARYLAND 20899

ATTORNEY DOCKET NUMBER:	20-026US1
NAME OF SUBMITTER:	EILEEN BRIGHT
SIGNATURE:	/Eileen Bright/
DATE SIGNED:	08/06/2021

Total Attachments: 6

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NIST Docket number: 20-026US1

ASSIGNMENT OF PATENT RIGHTS

I, JOHN EDWARD KITCHING, residing in BOULDER, CO invented "INERTIAL POINT-

SOURCE MATTER-WAVE ATOM INTERFEROMETER GYROSCOPE AND

EXTRACTING INERTIAL PARAMETERS" for which has been filed an application for

United States Letters Patent, Serial Number 17/177,895 on February 17, 2021.

The invention was made while I was an employee of the United States Department of Commerce

and under such circumstances that applicable laws and regulations render the patent rights

assignable to the United States. The United States of America, represented by the Secretary of

Commerce, wishes to acquire these rights.

Therefore, I assign to the Government of the United States of America as represented by the

Secretary of Commerce, my full and exclusive world-wide rights to this invention. As

consideration for this Assignment, I will be treated as an inventor whose rights are assigned to

the Government of the United States, for royalty sharing purposes, if royalties are ever collected,

as explained in Section 3710c of Title 15 of the United States Code. This invention and its

derivative applications in the United States Patent and Trademark Office and United States

Letters Patent are to be held by the United States of America for the full term for which such

Letters Patent may be granted as completely as they would have been held by me had I not made

this assignment.

I agree to make, execute, and deliver to the Secretary of Commerce all documents in such usual or other forms, terms, or contents as may be required by the Secretary for the prosecution of all applications arising from this invention, as well as after issuance of Letters Patent, and for the settlement of any derivation proceeding, post-grant review, or other action or proceeding, these applications and Letters Patent may encounter. I will aid the United States of America in every way to protect the invention as requested by the Secretary, except that any expenses arising through such assistance will be borne, through proper arrangement, by the United States of America.

I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements, oral, written, or implied, that will impair the interests conveyed in this assignment at the time I execute this instrument.

IN TESTIMONY WHEREOF, I sign

JOHN EDWARD KATCHING

DATE

5057 Deckermoner 204261 st

ASSICNMENT OF PATRAT RIGHTS

I. ELIZABETH ANN DONLEY (residing in BOULDER, COmpensati PARTIA), POINT
SOURCE MATTER-WAVE ATOM INTERPEROMETER GYROSCOPY AND
EXTRACTING INERTIAL PARAMETERS: (or which has been field an application for
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IN TESTIMONY WHEREOF, I sten

ELIZABETH ANN DONLEY

DATE

NIST Docket number: 20-026US1

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/Azuro Lynn Hanson/	26 March 2021
/Azure Lynn Hansen/	26 March 2021
/Azure Lynn Hansen/	26 March 2021
AZURE LVNN HANSEN	DATE

PATENT REEL: 057101 FRAME: 0029

RECORDED: 08/06/2021