

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

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NIST Docket #00-013PCT

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Execution Date
Month Day Year
05292001

Name (line 1) CUNDIFF, STEVEN

Name (line 2)

Second Party

Name (line 1) DIDDAMS, SCOTT A.

Name (line 2)

Execution Date
Month Day Year
05292001

Receiving Party

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Name (line 1) Government of the United States of America, as

Name (line 2) represented by the Secretary of Commerce, The

Address (line 1) 14th and Constitution

Address (line 2) National Institute of Standards and Technology

Address (line 3) Washington

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City

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U.S. Department of Commerce
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PATENT**Correspondent Name and Address**

Area Code and Telephone Number 301-975-3084

Name Brenda Gray

Address (line 1) National Institute of Standards and Technology

Address (line 2) 100 Bureau Drive, Stop 2200

Address (line 3) Gaithersburg, Maryland 20899-2200

Address (line 4)

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02

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)Enter PCT application number
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PCT PCT/US01/10554

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Number of Properties

Enter the total number of properties involved.

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Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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Brenda J. Gray

Brenda J. Gray

6/15/01

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Signature

Date

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CONTINUATION
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Name (line 1) HALL, JOHN H.

Execution Date
Month Day Year

05292001

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

NIST Docket Number: 00-013PCT

ASSIGNMENT OF PATENT RIGHTS

We, STEVEN CUNDIFF, residing in Boulder, Colorado, SCOTT A. DIDDAMS, residing in Boulder, Colorado, JOHN L. HALL, residing in Boulder, Colorado, and DAVID J. JONES III, residing in Boulder, Colorado, have invented Direct Optical Frequency Synthesis And Phase Stabilization Of Ultrashort Optical Pulses and have filed an application for United States Letters Patent, International Application Number PCT/US01/10554 on March 29, 2001.

The invention was made while we were employees 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, we assign to the United States of America, as represented by the Secretary of Commerce, our full and exclusive world-wide rights to this invention. This invention and its derivative applications and 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 us had we not made this assignment.

We 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 interferences or other actions or proceedings these applications and Letters Patent may encounter. We 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.

We 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 we execute this instrument.

IN TESTIMONY WHEREOF, we sign.


STEVEN CLINDIFF

5/29/01
Date


SCOTT A. DIDDAMS

5/29/01
Date


JOHN L. HALL

May 29, 2001
Date

DAVID J. JONES III

Date

TOTAL P.06