

09-14-1998

FORM PTO.
(Rev. 6-93)

100827573

To the Honorable Asst. Commissioner for Patents. Please record the attached original documents or copy thereof

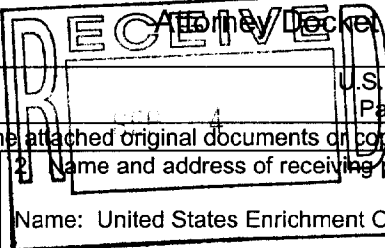
1. Name of conveying party(ies):

The Government of the United States, as represented by
the U.S. Department of EnergyAdditional name(s) of conveying parties attached? ☐ Yes
☒ No.

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: July 27, 1998 and July 28, 1998



Attorney Docket No. 017846-000000US

U.S. Department of Commerce
Patent and Trademark Office

2. Name and address of receiving party(ies)

Name: United States Enrichment Corporation

Internal Address:

Street Address: Two Democracy Center, Fourth Floor
6903 Rockledge Drive

City: Bethesda State: Maryland ZIP: 20817

Additional names and addresses attached? ☐ Yes ☒ No

4. Application Number(s) or Patent Numbers.

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

A. Patent Application No(s): 07/129,580

B. Patent No(s): 3,915,695

Additional numbers attached? ☒ Yes ☐ No5. Name and address of party to whom correspondence
concerning document should be mailed:Name: Michael E. Woods
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 16

7. Total fee (37 CFR 3.41): -----\$640.00

☐ Enclosed ☒ Charge Fees to Deposit Account☒ Charge any additional fees associated with this paper or during
the pendency of this application, or credit any overpayment, to
deposit account.

8. Deposit account number: 20-1430

09/11/1998 JSHWBAZZ 00000069 201430 07129580

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DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true of copy of the
original document.*Michael E. Woods
Name of Person Signing

Signature

1 Sept '98
Date

Atty Reg. No. 33,466

Total number of pages including cover sheet, attachments and document 6

10. Change Correspondence Address to that of Part 5? ☒ Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover to:

Asst. Commissioner for Patents
Box: Assignments
Washington, D.C. 20231

MRD-9-4-98

3. Additional application number(s) or patent number(s):
(Continued from Page 1)

05/160,226	4,183,055
07/218,199	4,409,157
06/237,548	4,432,821
07/323,152	5,383,981
06/340,175	
08/399,503	
05/891,439	
06/915,206	
05/964,235	
08/980,972	

164332

ASSIGNMENT AND CONFIRMATORY LICENSE

This Agreement by and between the Government of the United States, as represented by the U.S. Department of Energy (DOE), and the United States Enrichment Corporation (USEC), effective on this twenty-seventh day of July, 1998, witnesseth:

Whereas the DOE desires to assign title to certain patents and patent applications listed in Schedule A hereof to the USEC, and the USEC desires to receive such patents and patent applications,

NOW, THEREFORE, THE DOE HEREBY ASSIGNS AND TRANSFERS to the USEC the entire right, title and interest to the United States patents and patent applications of Schedule A and any and all patents granted on said applications and all divisions, continuations, continuations-in-part, and reissues thereof and all of the inventions of the foregoing, SUBJECT TO a nonexclusive, irrevocable, royalty-free license, which the USEC confirms has been granted to the United States Government, to practice the subject patents, patent applications, and the inventions thereof for Governmental purposes.

The Government reserves for itself, and is hereby granted by the USEC, the irrevocable power to inspect and make copies of the U.S. Patent and Trademark Office files of the patents and patent applications of Schedule A and of any related or continuing patent applications claiming priority from any patent or patent application of Schedule A.

Unless otherwise directed in writing by the USEC, all documents, notices, instruments, reports, and any and all other papers shall be sent to:

Mr. Michael E. Woods
Townsend and Townsend and Crew LLP
Two Embarcadero Center, 8th Floor
San Francisco, CA 94111-3834

It is expressly agreed and confirmed that this assignment does not supersede or change the rights, licenses, limitations and

obligations otherwise existing between the parties as of the date of this Agreement.

Approved and executed on behalf of the Government of the United States.

By: Paul A. Gottlieb
Paul A. Gottlieb
Assistant General Counsel for Technology
Transfer and Intellectual Property

Date: 7-28-98

Witness: William Coleman Date: 7/28/98

Approved, accepted and consented to on behalf of the United States Enrichment Corporation.

By: George P. Rakes Date: 7/27/98
(Official's Signature)
George P. Rakes / Executive Vice President
(Print/Type Official's Name and Title)

Witness: [Signature] Date: 7/27/98

*Notarized this 28th day of July, 1998
at the Department of Energy in Washington, D.C.*

Notary: Kathleen Jordan

My Commission Expires October 31, 1999

SCHEDULE A

(to Patent Assignment from U.S. Department of Energy to the
United States Enrichment Corporation)

PATENTS and PATENT APPLICATIONS

<u>Patent Number</u>	<u>Serial Number</u>	<u>DOE "S" Number</u>	<u>Date Filed</u>	<u>Title</u>
	41,102	71,278	4/5/93	Insulated Laser Tube Structure and Method of Making Same
	60,338	871,278	4/14/98	Insulated Laser Tube Structure and Method of Making Same
	65,220	82,166	4/20/98	Liquid backing method for protection of surfaces during laser drilling or cutting
	70,177	75,187	6/8/93	High power Solid State Laser Modulator
	88,090	68,759	7/6/93	Large Diameter Lasing Tube Cooling Arrangement
	101,162	72,174	8/3/93	Polarization Balanced Beamsplitter
	129,580	65,163	12/2/87	Novel Coating Non-Wettable by Corrosive Materials
	160,226	39,582	6/23/71	Method of Controlling Corrosion
	218,199	65,162	6/21/88	Novel Coating Wettable by Corrosive Materials
	237,548	54,044	2/19/81	Multi-Layer Substrate for Protecting Molten & Vaporized Uranium from Graphite (U)
	323,152	69,609	3/15/89	Preparation of Certain m- Aminophenols and the use Thereof for Preparation of Laser Dyes
	340,175	55,605	12/18/81	A Method for Vaporizing Metal at a Constant Rate
	399,503	72,191	3/6/95	Rotating-Anode Electrochemical Reactor and Method for Oxidation of Organic Waste
	461,311	78,492	6/7/95	New process Frequencies for Three Step Atomic Vapor Isotope Separation of 235 U
	542,986	85,318	10/12/95	Polarization Balanced Beamsplitter
	583,387	85,303	1/5/96	Large Diameter Lasing Tube Cooling Arrangement
	891,439	45,780	3/29/78	Process for Cascading Materials
	915,206	64,529	9/29/86	Extractor with Improved Roof
	958,887	73,544	10/13/92	Composition for Coating Graphite
	964,235	49,034	11/28/78	Method of Modifying the Chemical Properties of Uranium Vapor
	980,972	982,890	12/9/97	Separator Component Materials
3,915,695	431,819	43,735	1/8/74	Method for Treating Reactive Metals in a Vacuum Furnace

SCHEDULE A

(to Patent Assignment from U.S. Department of Energy to the
United States Enrichment Corporation)

PATENTS and PATENT APPLICATIONS

<u>Patent Number</u>	<u>Serial Number</u>	<u>DOE "S" Number</u>	<u>Date Filed</u>	<u>Title</u>
4,183,055	936,458	47,135	8/24/78	Improved Beam/Seam Alignment Control for Electron Beam Welding
4,409,157	226,576	54,078	1/21/81	Method for Improved Decomposition of Metal of Metal Nitrate Solutions
4,432,821	406,829	57,570	8/10/82	Composition and Method for Brazing Graphite to Graphite
5,383,981	76,061	75,134	6/14/93	Reusable Crucible for Containing Corrosive Liquids
5,719,702	668,406	85,973	6/11/96	Polarization-Balanced Beamsplitter