



05-14-2003

Docket No.: 10256.99

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



102447065

Tab settings

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

1. Name of conveying party(ies): **5-6-03**
Karl Anthony Hughes
John Lightfoot

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):
Name: **British Nuclear Fuels PLC**
Address: **Risley, Warrington**

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **April 3, 2003**

City: **Cheshire** State/Prov.:
Country: **Great Britain** ZIP: **WA3 6AS**

Additional name(s) & address(es) Yes No

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.	Filing date
10/307,228	November 27, 2002

5/08/2003 SHENBORI 00000038 10307228
4 FC: 021 40.00 DP

Additional numbers Yes No

B. Patent No.(s)

Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Dana L. Tangren**
Registration No. **37,246**
Address:
022913
PATENT TRADEMARK OFFICE
City: State/Prov.:
Country: ZIP:

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

7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
23-3178
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Dana L. Tangren
Name of Person Signing

Signature
May 6, 2003
Date

Total number of pages including cover sheet, attachments, and

Workman, Nydegger & Seeley
1000 Eagle Gate Tower
60 East South Temple
Salt Lake City, Utah 84111

Form P4

ASSIGNMENT

We the under signed, hereinafter collectively referred to as "Assignor", are the inventors of an invention entitled INVESTIGATIONS OF RADIOACTIVITY. Preferred embodiments of said invention are disclosed in a United States patent application which:

- is executed concurrently herewith for filing in the United States Patent and Trademark Office.
- was previously filed in the United States Patent and Trademark Office on November 27, 2002, Application Serial No. 10/307,228.
- is a United States National Application of PCT International Application No. _____, filed _____.

The Assignee, British Nuclear Fuels plc, having a principal place of business at Risley, Warrington, Cheshire, Great Britain WA3 6AS, desires to secure the entire right, title and interest in said application.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to Assignor by the Assignee, the receipt and sufficiency of which is hereby acknowledge, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title, and interest in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of letters patent or patents granted

thereon, and in all patents issuing thereon in the United States and foreign countries.

The right to claim the benefits of any prior related United States or foreign patent applications.

Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, to issue any and all patents on said application to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration, to sign all lawful papers and to perform all other lawful acts which the Assignee may request Assignor to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States applications and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said application.

This assignment and agreement shall be binding upon Assignor's heirs and legal representatives.

Full name of sole or first inventor

Karl ANTHONY Hughes
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST NAME)

Inventor's signature Karl Hughes

Date 3rd April 2003 Country of Citizenship Great Britain

Address British Nuclear Fuels plc, B14.1, Sellafield, Seascale, Cumbria, Great Britain
CA20 1PG



Full name of second inventor, if any

John
(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

Lightfoot
FAMILY (OR LAST NAME)

Inventor's signature *John Lightfoot*

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