


Form PTO-1595 (Rev. 10-18)  
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<b>1. Name of conveying party(ies)</b> Andre Poyaud GILLES  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b> Name: AREVA NP Internal Address: _____  Street Address: Tour Areva 1, Place Jean Millier  City: Courbevoie State: _____ Country: France Zip: 92400  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s) January 27, 2010 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 12/704,377  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: William C. Gehris Internal Address: Davidson, Davidson & Kappel, LLC  Street Address: 485 Seventh Avenue, 14th Floor  City: New York State: New York Zip: 10018 Phone Number: (212) 736-1940 Fax Number: (212) 736-2427 Email Address: cdk@ddkpatent.com	<b>6. Total number of applications and patents involved:</b> 1  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41) \$</b> 40 <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)  <b>8. Payment Information</b>  Deposit Account Number 50-0552 Authorized User Name _____
<b>9. Signature:</b>  April 20, 2010 <div style="display: flex; justify-content: space-between;"> <span>William C. Gehris</span> <span>Signature</span> <span>Date</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>Name of Person Signing</span> <span>Total number of pages including cover sheet, attachments, and documents: 2</span> </div>	

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## ASSIGNMENT

In consideration of the sum of One dollar (US\$ 1.00) in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

1) ANDRE POYAUD Gilles a French citizen, residing at :  
7, rue des Granges, 69005 LYON, France

hereby sell, assign and transfer to:

AREVA NP  
Tour AREVA - 1, Place Jean Millier 92400 COURBEVOIE, France

(hereinafter called the Assignee) the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

Method for selecting a loading map for a nuclear reactor core, corresponding selection system, computer programme and storage medium  
a) which application was executed by the undersigned on the day of

b) filed on the day of  
Serial No.

including any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial property.

It is hereby authorized and requested that the Commissioner of Patents and Trademarks issue any and all said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers, and generally do everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection.

Signed at: LYON

This day of: 27 January 2010

Inventor(s):

ANDRE POYAUD Gilles

APG

PATENT

RECORDED: 04/20/2010

REEL: 024264 FRAME: 0416