Docket No.: 2003UR010 02-18-2004 EET Form PTO 1595 U.S. DEPARTMENT OF COMMERCE (Rev.6-93) Patent and Trademark Office Tab Settings → → → 102672331 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): ExxonMobil Upstream Research Company Yao-Chou Cheng Name: James E. Holl P. O. Box 2189 Internal Address: Houston, Texas 77252-2189 Additional name(s) of conveying party(ies) ☐ Yes ☒ No Street Address: Nature of conveyance: Assignment Merger State: Zip: Security Agreement Change of Name Other: **February 3, 2004** Execution Date: Additional name(s) & address(es) attached? ☐ Yes ☑ No Application number(s) or registration number(s): If this document is being filed together with a new application, the execution date of the application is: February 3, 2004 Patent Application No.(s) Patent No.(s) Α. 10774317 Additional numbers attached? Yes ⊠ No 5. Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Total fee (37 CFR 3.42):.....\$ 40.00 Name: Gary P. Katz ☐ Enclosed – Any excess or insufficiency should be credited or debited to deposit account Internal Address: ExxonMobil Upstream Research Company P. O. Box 2189 Authorized to be charged to deposit account Houston, Texas 77252-2189 Street Address: 8. Deposit account number: 05-1328 State: Zip: 18/2004 JJALLAH2 00000003 031328 DO NOT USE THIS SPACE 40.00 DA 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.

Gary Katz

Name of Person Signing

Date

Signature

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

ASSIGNMENT

Inventor or Inventors: Yao-chou Cheng and James E. Holl

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, (hereinafter referred to as UNDERSIGNED) hereby agree(s) as follows:

UNDERSIGNED hereby assign(s) to ExxonMobil Upstream Research Company, a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention, discovery or improvement, described in United States patent application entitled as *A METHOD FOR MULTI-REGION DATA PROCESSING AND VISUALIZATION*, Docket Number 2003UR010 which application I(we) have executed concurrently herewith on the date(s) set forth below and in and to said application for patent and any United States patent or patents that may be granted thereon.

UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for United States patent for said invention, discovery or improvement, and any continuations of such applications or substitutes therefor, and any lawful oaths, affidavits, or other papers relating thereto, and any specific separate assignments of any of the above required for recording in the United States Patent Office, that ASSIGNEE may deem necessary or expedient.

UNDERSIGNED agree(s) that in the event of any application based on said assigned invention, discovery or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing preliminary statements and giving and producing evidence in support thereof.

UNDERSIGNED agree(s) upon request of ASSIGNEE to execute any and all documents that shall be required of UNDERSIGNED to be executed in connection with any and all applications for foreign patents for said invention, discovery or improvement, including the prosecution thereof and the claiming of the International Convention date therefor and for registration in foreign countries of any patents that may be granted for said invention, discovery or improvement.

UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents upon said invention, discovery or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S name.

DATE: 2/3/2014

Inventor: Yao-chou Cheng

DATE: FEB. 3, 2004

Vitness: MONICA STANSBERRY

DATE: 3/3/2004

Inventor: James E. Holl

DATE: FEB. 3, 2004

Witness: MONICA STANSBERRY

RECORDED: 02/06/2004