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APR 2 I...

Attention: Register of Government Interest in Patents

Dear Sir:

Forwarded herewith is a cover sheet (as required by 37 CFR 3.31) and two copies of an instrument confirming the conveyance to the United States Government of certain rights in and to U.S. Patent Application Serial Number 12/024,241 filed on February 1, 2008.

This instrument is forwarded in accordance with Executive Order No. 9424 and 37 CFR Part 7 for recording in the Public portion of the Register of Government Interests.

After the enclosed license is recorded, please return the original to:

Defense Advanced Research Projects Agency 3701 North Fairfax Drive Arlington, VA 22203-1714

Sincerely,

Kimberly B. Downey

Program Support Specialist Office of the General Counsel

emberly B Howney

PATENT REEL: 020814 FRAME: 0039

CONFIRMATORY INSTRUMENT APPLICATION FOR: Data Processing System, Processor and Method of Data Processing Having Reduced Aliasing in Branch Logic INVENTOR(S): Lei Chen, Lixin Zhang SERIAL NO. FILING DATE: 02/01/2008 12/024241 CONTRACTOR: CONTRACT NO. HR0011-07-9-0002 INTERNATIONAL BUSINESS MACHINES CORPORATION The Invention identified above is a "Subject Invention" under the Patent Rights Clause included in the above contract with: DARPA (DEFENSE ADVANCED RESEARCH PROJECTS AGENCY) (SPECIFY GOV'T. AGENCY HERE) This document is confirmatory of the paid-up license granted to the Government under the above contract in the Subject Invention, this patent application and any resulting patent(s), and of all other rights acquired by the Government by the referenced clause. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. __day of __February Signed this ___ INTERNATIONAL BUSINESS MACHINES CORPORATION CONTRACTOR

CONTRACTOR'S OFFICIAL AND TITLE

John D Flynn

IP Senior Counsel - STG

IBM

BY:

BUSINESS ADDRESS

11501 Burnet Road Austin, TX 78758

IBM Disclosure No.: AUS820071399 IBM Docket No.: AUS920070727US1

PATENT

REEL: 020814 FRAME: 0040

CONFIRMATORY INSTRUMENT

APPLICATION FOR: Data Processing System, Processor and Method of Data Processing Having Reduced Aliasing in Branch Logic INVENTOR(S): Lei Chen, Lixin Zhang SERIAL NO. FILING DATE: 02/01/2008 12/024241 CONTRACTOR: CONTRACT NO. HR0011-07-9-0002 INTERNATIONAL BUSINESS MACHINES CORPORATION The Invention identified above is a "Subject Invention" under the Patent Rights Clause included in the above contract with: DARPA (DEFENSE ADVANCED RESEARCH PROJECTS AGENCY) (SPECIFY GOV'T. AGENCY HERE) This document is confirmatory of the paid-up license granted to the Government under the above contract in the Subject Invention, this patent application and any resulting patent(s), and of all other rights acquired by the Government by the referenced clause. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. _day of <u>February</u> Signed this INTERNATIONAL BUSINESS MACHINES CORPORATION CONTRACTOR BY: CONTRACTOR'S OFFICIAL AND TITLE John D Flynn IP Senior Counsel - STG **IBM**

BUSINESS ADDRESS 11501 Burnet Road

Austin, TX 78758

IBM Disclosure No.: AUS820071399
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RECORDED: 04/07/2008

PATENT REEL: 020814 FRAME: 0041