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CONFIRMATORY INSTRUMENT

APPLICATION FOR: SYSTEM AND METHOD FOR PERFORMING ERROR CORRECTION AT A MEMORY DEVICE LEVEL THAT IS TRANSPARENT TO A MEMORY CHANNEL INVENTOR(S): KEVIN C. GOWER, WARREN MAULE SERIAL NO. FILING DATE: 08/31/2007 11/848354 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. Signed this _____5th ____ day of _____SEPTEMBER______, 2007 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.: AUS820071510
IBM Docket No.: AUS920070759US1

PATENT REEL: 020237 FRAME: 0654

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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 11/848,354 filed on August 31, 2007.

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:

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Sincerely,

Kimberly B. Downey

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PATENT REEL: 020237 FRAME: 0656