### PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

#### **CONVEYING PARTY DATA**

Name	Execution Date
lowa State University of Science and Tech	06/02/2008

#### **RECEIVING PARTY DATA**

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12107415

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**Total Attachments: 1** 

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PATENT 500934058 REEL: 023078 FRAME: 0830

**RECORDED: 08/11/2009** 

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Sign and Fax this to (301) 480-0272
Invention Title: Utilizing Timing Error Detection and Recovery to Dynamically Improve
Superscalar Processor Performance
Inventor(s): Mikel Bezdek, Arun K. Somani
U.S. Filing/Issue Date: 4-22-2-008
Patent or Application Serial No.: 12/107, 415
Grant/Contract Number(s): CCF0311061
Foreign Applications filed/intended in (countries):
The invention identified above is a Subject Invention under <b>35 U.S.C. 200, et seq.</b> , and the Standard Patent Rights clause at <b>37 CFR 401.14, FAR 52.227-11</b> or <b>FAR 52.227-12</b> (if applicable) which are included among the terms of the above Identified grant or contract award from the United State Government. This document is confirmatory of:
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Signed this day of, 20 0 § .
By Kenneth Kirkland (Name of Grantee/Contractor Official)  (Signature)
Title Executive Director
For IOWA STATE UNIVERSITY OF SCIENCE & TECH  (Grantee/Contractor Organization)
At Iowa State University Research Foundation, Inc. 310 Lab of Mechanics Ames, IA 50011 US (Business Address)

PATENT REEL: 023078 FRAME: 0831