PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen L. BLINICK	07/01/2013
Clement L. DICKEY	06/25/2013
Xiao-Yu HU	07/04/2013
Nikolas IOANNOU	07/01/2013
Ioannis KOLTSIDAS	07/01/2013
Paul H. MUENCH	06/25/2013
Roman A. PLETKA	07/01/2013
Sangeetha SESHADRI	07/01/2013

RECEIVING PARTY DATA

Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13937133

CORRESPONDENCE DATA

Fax Number: 3105567984

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: TUC920130063US1 (18.492)

502441935 REEL: 030921 FRAME: 0068

13937133

CH \$40.00

NAME OF SUBMITTER:	Patricia McLaughlin
Signature:	/Patricia McLaughlin/
Date:	08/01/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 18 source=TUC920130063US1 (18.492) Assig	n#page2.tif n#page3.tif n#page4.tif n#page5.tif n#page6.tif n#page7.tif n#page8.tif n#page9.tif n#page10.tif n#page11.tif n#page12.tif n#page15.tif n#page15.tif n#page15.tif n#page16.tif

PATENT REEL: 030921 FRAME: 0069

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: MANAGING METADATA FOR CACHING DEVICES DURING SHUTDOWN AND RESTART PROCEDURES

As a below named inventor, I hereby declare that:

This declaration is directe	d to the attached application, or (if following box is checked):
[] United States applicati	on or PCT international application number
13/937,133	filed on July 8, 2013

The above-identified application was made or authorized to be made by me.

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(1) Legal Name of Inventor: Stephen L. BLINICK			
DATE:	7/1/13		
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(5) Legal Name of Inventor: Ioannis KOLTSIDAS			
SIGNATURE:	DATE:		
(6) Legal Name of Inventor: Paul H. MUENCH			
SIGNATURE:	DATE:		
(7) Legal Name of Inventor: Roman A. PLETKA			
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(8) Legal Name of Inventor: Sangeetha SESHADRI			
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SIGNATURE:	DATE:
(2) Legal Name of Inventor: Clement L. DICKEY	
SIGNATURE:	ANTE: 6/25/2013
(3) Legal Name of Inventor: Xiao-Yu 1(1)	
SIGNATURE:	DATE:
(4) Legal Name of Inventor: Nikolas IOANNOU	
SIGNATURE:	DATE:

(5) Legal Name of Inventor: Ioannis KOLTSIDAS		
SIGNATURE:	DATE:	
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SIGNATURE:	DATE:	
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SIGNATURE

DATE: JUS, 4, 20B

(4) Legal Name of Inventor: Nikolas IOANNOU

SIGNATURE:

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IBM DOCKET NUMBER: TUC920130063US1

FIRM NUMBER: 0018.0492

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SIGNATURE:	DATE:
(4) Legal Name of Inventor; Nikolas IOANNOU	
signature: " L	DATE: 01 334 2013

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Page 3 of 3- Dec & Assign

PATENT REEL: 030921 FRAME: 0081

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SIGNATURE: DATE: 01.07.2013

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SIGNATURE: DATE: 04.09.2013

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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