PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew Bond	03/28/2011
Peter Cumming	03/29/2011
Colman Hegarty	04/18/2011

RECEIVING PARTY DATA

Name:	Icera Inc.
Street Address:	Corporation Trust Center
Internal Address:	1209 Orange Street
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13057679

CORRESPONDENCE DATA

Fax Number: (516)759-9512

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

Phone: 516-759-2722

Email: nyoffice@rml-law.com

Correspondent Name: JOSEPH B. RYAN

Address Line 1: 90 FOREST AVENUE
Address Line 2: RYAN, MASON & LEWIS, LLP

Address Line 4: LOCUST VALLEY, NEW YORK 11560

ATTORNEY DOCKET NUMBER: 317768US/VRD

NAME OF SUBMITTER: Joseph B. Ryan

Total Attachments: 4

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PATENT REEL: 026163 FRAME: 0031

ASSIGNMENT OF PATENT APPLICATION

For value received, the undersigned sell(s), assign(s) and transfer(s) to:

Icera Inc.

a corporation organized under the laws of the state of: Delaware

and having a place of business at:

Corporation Trust Center

1209 Orange Street

Wilmington, Delaware 19801 United States of America

and to Assignee's successors, assigns and legal representatives or nominees as it may designate (collectively, hereinafter, "Assignee"), the entire right, title and interest, for the United States of America and its Territories and Commonwealth and Possessions, and for all other countries throughout the world, in and to all inventions and improvements disclosed in an application for United States Patent entitled:

DMA ENGINE

The at	pove-entitled United States Patent application was:
Salahaninak	executed by the undersigned concurrently herewith;
SAMMANOW	filed in the United States Patent and Trademark Office on: and
	assigned serial number:; or
X	filed as PCT International Application No.: PCT/EP2009/056371 on: May 26, 2009.
	The undersigned assign(s) the rights for all patents, divisions, reissues, reexamination

The undersigned covenant(s) that the rights and property conveyed by this Assignment are free and clear of any encumbrance, and that the undersigned have (has) full right to convey the rights and property as expressed herein.

certificates, continuing applications and extensions thereof, together with the right of priority of any earlier corresponding patent application filed by the undersigned in the United States or elsewhere.

The undersigned authorize(s) and request(s) that any and all patents on the aforesaid inventions be issued to Assignee.

PATENT REEL: 026163 FRAME: 0032 The undersigned agree(s), when requested, without further charge to Assignee but at its expense, to communicate to Assignee or its representatives all facts known to the undersigned regarding the aforesaid inventions and improvements, testify in any legal proceeding, sign all papers, make all rightful oaths or declarations, execute all divisional, continuing, re-examination and reissue applications and generally perform all acts, which may be necessary, desirable or convenient, to aid Assignee in securing, maintaining and enforcing patents for the aforesaid inventions and improvements in the aforesaid countries, and for vesting title thereto in Assignee.

28/05/2011 Date

<u>25 /03/ 20 //</u> Date

25/05/2011 Date Andrew Bond

Witness #1 Signature

Witness #1 Print Name

₩itness #2 Signature

STEVE CHANDLER
Witness #2 Print Name

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Peter Cumming

Witness #1 Signature

M. CORREIA Witness #1 Print Name

Witness #2 Signature

STEVE CHANDLER Witness #2 Print Name

PATENT REEL: 026163 FRAME: 0034

Fabienne Hegarty, legal representative of deceased inventor Colman Hegarty

M. FOULER Witness #2 Print Name

PATENT REEL: 026163 FRAME: 0035

RECORDED: 04/21/2011