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HEET

12/449046

To the Honorable Director of the United States Patent

103568349

ginal documents or copy thereof.

1. Name of conveying party(ies):

SITARAM BHAGAVATHY, JOAN LLACH, JIE FU ZHAI

2. Name and address of receiving party(ies):

Name: THOMSON LICENSING

Additional name(s) of  
conveying party(ies)  
attached:

X No

Street Address: 46 Quai A. Le Gallo

F-92100 Boulogne-Billancourt, France

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other

Execution Dates: August 4, 2008, August 25, 2008 and August 10, 2008,  
respectively

Additional name(s) &amp; address(es) attached?

X No

4. Application number(s) or patent number(s): PCT/US2008/00729

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

B. Patent No.(s)

Additional numbers attached?

Yes

No X

5. Name and address of party to whom correspondence  
concerning document should be mailed:

Name: ROBERT D. SHEDD

Internal Address: PATENT OPERATIONS  
THOMSON LICENSING LLC  
SUITE 200

Street or PO Address: P. O. Box 5312

City: PRINCETON State: NEW JERSEY Zip: 08543-5312

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number:

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*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true  
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PATENT

REEL: 023004 FRAME: 0998

Customer No. 24498

Docket No. PU070150

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR  
LETTERS PATENT OF THE UNITED STATES OF AMERICA

12/449046

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 3 joint inventors (if plural inventors are named below) of the inventions relating to REDUCING CONTOURS IN DIGITAL IMAGES

described in an Application for Patent filed on Jan. 18, 2008 under Serial No. PCT/US2008/00729 and described in the file associated with Docket No. PU070150, listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.



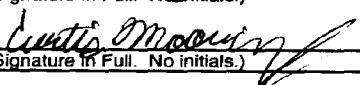

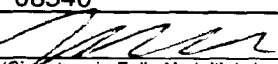

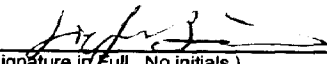

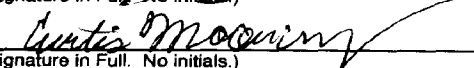
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	<u>PRINCETON</u>	Date	<u>03/04/2008</u>
Inventor (1)	<u>Sitaram Bhagavathy</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
Post Office Address	<u>5910 Hunters Glen Drive, Plainsboro, NJ 08536</u>		
1st Witness	<u>Tiffany Cervasio</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
2nd Witness	<u>Curtis Mooring</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
Signed at	<u>PRINCETON NJ</u>	Date	<u>03/25/2008</u>
Inventor (2)	<u>Joan Llach</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
Post Office Address	<u>25C Chestnut Court, Princeton, NJ 08540</u>		
1st Witness	<u>Tiffany Cervasio</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
2nd Witness	<u>Curtis Mooring</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
Signed at	<u><del>Princeton</del> Princeton</u>	Date	<u>08/10/2008</u>
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Post Office Address	<u>3404 Hunters Glen Drive, Plainsboro, NJ 08536</u>		
1st Witness	<u>Tiffany Cervasio</u> (Type or Print)		<u></u> (Signature in Full. No initials.)
2nd Witness	<u>Curtis Mooring</u> (Type or Print)		<u></u> (Signature in Full. No initials.)

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