

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>P. Jeffrey Ungar</td><td>05/23/2008</td></tr><tr><td>Ilhami H. Torunoglu</td><td>05/23/2008</td></tr></tbody></table>	Name	Execution Date	P. Jeffrey Ungar	05/23/2008	Ilhami H. Torunoglu	05/23/2008	
Name	Execution Date						
P. Jeffrey Ungar	05/23/2008						
Ilhami H. Torunoglu	05/23/2008						
RECEIVING PARTY DATA							
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State/Country:	CALIFORNIA						
Postal Code:	94085						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11864343</td></tr></tbody></table>	Property Type	Number	Application Number:	11864343			
Property Type	Number						
Application Number:	11864343						
CORRESPONDENCE DATA							
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Total Attachments: 1 source=20080623_004_assign#page1.tif							

OP \$40.00 11864343

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PATENT  
REEL: 021136 FRAME: 0208

## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, P. Jeffrey Ungar, residing at 1155 W. Iowa Avenue, Sunnyvale, California 94086 and Ilhami H. Torunoglu, residing at 17260 Clara Street, Monte Sereno, California 95030, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:           Lithography Mask Design through Mask Functional Optimization and Spatial Frequency Analysis

Date(s) of execution of Declaration:

Filing Date:                 September 28, 2007



Application No.:            11/864,343

WHEREAS, Gauda, Inc., located at 530 Lakeside Drive, Suite 180, Sunnyvale, California 94085 hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

 P. Jeffrey Ungar	<u>05/23</u> . 2008 Date
 Ilhami H. Torunoglu	<u>05/23/</u> . 2008 Date