

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7503183

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>SEQUENCE:</b>	1
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DAVID LYNN HALL	05/14/2019
MICHAEL LANE POLK	05/14/2019
GREGORY LEE FRANKLIN	05/14/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHUTTERFLY, INC.
<b>Street Address:</b>	2800 BRIDGE PARKWAY
<b>Internal Address:</b>	SUITE 101
<b>City:</b>	REDWOOD CITY
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94065
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17841017
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(612)332-9081
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	16123325300
<b>Email:</b>	aendris@merchantgould.com
<b>Correspondent Name:</b>	MERCHANT & GOULD P.C.
<b>Address Line 1:</b>	P.O. BOX 2903
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55402
<b>ATTORNEY DOCKET NUMBER:</b>	18503.0027USC1
<b>NAME OF SUBMITTER:</b>	BENJAMIN A. TRAMM
<b>SIGNATURE:</b>	/Benjamin A. Tramm/
<b>DATE SIGNED:</b>	08/24/2022
<b>Total Attachments: 2</b>	
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## ASSIGNMENT OF PATENT APPLICATION

WHEREAS, INVENTOR(S) David Lynn Hall of Charlotte, North Carolina, Michael Lane Polk of Mint Hill, North Carolina, Gregory Lee Franklin of Indian Trail, North Carolina, 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: SYSTEM AND METHOD FOR LASER ETCHING IMAGE PATTERNS ON WORKPIECES

Filing Date: May 4, 2016

Application No.: 15/146,827; and

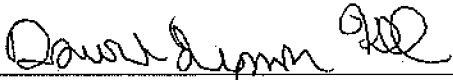
WHEREAS, Shutterfly, Inc., a Delaware corporation located at 2800 Bridge Parkway, Suite 101, Redwood City, CA 94065, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the 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.

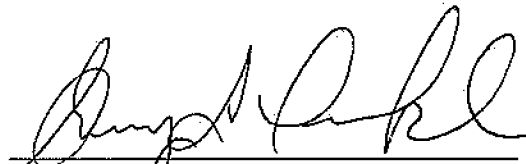
Dated: 5-14-2019

  
David Lynn Hall

Dated: 5/14/2019

  
Michael Lane Polk

Dated: 5-14-19

  
Gregory Lee Franklin