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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRANDON SHULTS	08/15/2019
GREGORY KATZ	08/15/2019

RECEIVING PARTY DATA

Name:	BLUE NILE, INC.	
Street Address:	411 1ST AVE. SOUTH	
Internal Address:	SUITE 700	
City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98104	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	15870644
Application Number:	62559362

CORRESPONDENCE DATA

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Correspondent Name: STEPHEN BISHOP Address Line 1: P.O. BOX 1247

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ATTORNEY DOCKET NUMBER:	040790-8010.US00 US.01	
NAME OF SUBMITTER:	JULIE WILLIE	
SIGNATURE:	/JulieWillie/	
DATE SIGNED:	08/29/2019	

Total Attachments: 5

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> **PATENT** REEL: 050212 FRAME: 0462

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PATENT REEL: 050212 FRAME: 0463

ASSIGNMENT BY INVENTOR

This Assignment is by the following individual (the "Assignor"):

- Brandon Shults having a mailing address of 13436 Occidental Ave. S.,
 Burien, Washington 98168
- Gregory Katz, having a mailing address of 844 NE 88th St., Seattle,
 Washington 98115

The Assignor invented one or more certain inventions (the "Invention(s)") described in an application for Letters Patent of the United States (the "Application"):

- U.S. Provisional Application No. 62/559,362, titled SYSTEMS AND METHODS FOR PROGRESSIVELY DISPLAYING IMAGES IN A VIEWER TO CREATE A VIDEO-LIKE DISPLAY OF A ROTATING ITEM, and filed on September 15, 2017;
- U.S. Non-Provisional Application No. 15/870,644, titled SYSTEMS AND METHODS FOR PROGRESSIVELY DISPLAYING IMAGES IN A VIEWER TO CREATE A VIDEO-LIKE DISPLAY OF A ROTATING ITEM filed on January 12, 2018;

Blue Nile, Inc., a Corporation of Delaware having its principal place of business at 411 1st Ave. South, Ste. 700, Seattle, Washington 98104 (the "Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignor acknowledges, Assignor hereby sells, assigns, and transfers to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all

Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignor warrants that Assignor owns the Rights, and that the Rights are unencumbered. Assignor also agrees to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignor requests the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This assignment may be executed in counterparts.

For Blue Nile, Inc.:

Date: 8/19/19

Signature Authorized Signer

Authorized Signer — Printed Name

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Authorized Signer — Title

Date: <u>8/15/14</u>	フリリー Brandon Shult
Witness: <u>Clark Durlage</u> Printed Name	
Signature Signature	*

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Witness:

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Date: <u>8/15/1/9</u>	<u>Jre</u>
Witness:	
SHEFALI GARG	
Printed Name	
S. Lunghaldin	
Signature	
Witness:	

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RECORDED: 08/29/2019

Signature