#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5399274

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
RAJINDER SINGH	02/20/2019
JUSTIN MAGGARD	02/21/2019
DNYANESH PATIL	02/20/2019
DENNIS ALDOVER	02/20/2019
NISHEETH GUPTA	02/20/2019
SUBRAMANIAN RAMAMOORTHY	02/20/2019

#### **RECEIVING PARTY DATA**

Name:	ARLO TECHNOLOGIES, INC.	
Street Address:	2200 FARADAY AVENUE	
City:	CARLSBAD	
State/Country:	CALIFORNIA	
Postal Code:	92008	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number		
Application Number:	16289302		

#### **CORRESPONDENCE DATA**

Fax Number: (414)225-9753

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.

414-225-9755 Phone:

docketing@boylefred.com Email: BOYLE FREDRICKSON S.C. **Correspondent Name:** 

Address Line 1: 840 NORTH PLANKINTON AVENUE Address Line 4: MILWAUKEE, WISCONSIN 53203

ATTORNEY DOCKET NUMBER:	3475.069	
NAME OF SUBMITTER: TIMOTHY E. NEWHOLM		
SIGNATURE:	/Timothy E. Newholm/	
DATE SIGNED:	02/28/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**PATENT** REEL: 048471 FRAME: 0983

505352489

# Total Attachments: 12 source=Assignments-069 (01320846x9FF51)#page1.tif source=Assignments-069 (01320846x9FF51)#page2.tif source=Assignments-069 (01320846x9FF51)#page3.tif source=Assignments-069 (01320846x9FF51)#page4.tif source=Assignments-069 (01320846x9FF51)#page5.tif source=Assignments-069 (01320846x9FF51)#page6.tif source=Assignments-069 (01320846x9FF51)#page7.tif source=Assignments-069 (01320846x9FF51)#page8.tif source=Assignments-069 (01320846x9FF51)#page9.tif source=Assignments-069 (01320846x9FF51)#page10.tif source=Assignments-069 (01320846x9FF51)#page11.tif source=Assignments-069 (01320846x9FF51)#page11.tif

PATENT REEL: 048471 FRAME: 0984

Title of Invention: Electronic Doorbell System with Text Communication

#### I. Declaration of Inventor

As the below named inventor, I hereby declare that:

This declaration is directed to the following APPLICATION:

	The attached United States non-provisional patent application, or
X	United States non-provisional patent application or PCT international application Serial Number
16289302	filed on 02-28-2019

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### II. Assignment of the Invention

For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to Arlo Technologies, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized under the laws of Delaware, and located and doing business at 2200 Faraday Avenue, Carlsbad, CA 92008, its successors and assigns, my entire right, title and interest, including the right to claim priority, in and to any and all applications, including the right to claim priority, in and to any and all applications, including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country, and any reissues or extensions of any such Letters Patent, and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

{01309543.DOC / } Attorney Docket No. 3475.069 Declaration and Assignment Non-Provisional Patent Application Page 2 of 2

Executed and delivered this 20 day of	eb. , 2019.			
	4-in-1			
	Inventor Name: Rajinder Singh			
CITA TIPLOT				
STATE OF )				
COUNTY OF				
On this day of,, before me, a notary public in and for said county, appeared the person identified above, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and the person who acknowledged that the person signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.				
(SEAL)	Notary Public, State of			
	My Commission:			

Title of Invention: Electronic Doorbell System with Text Communication

# I. Declaration of Inventor As the below named inventor, I hereby declare that: This declaration is directed to the following APPLICATION:

The attached United States non-provisional patent application, or

X United States non-provisional patent application or PCT international application Serial Number 16289302 \_\_\_\_\_\_\_, filed on \_\_\_\_\_\_02-28-2019 \_\_\_\_\_.

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### II. Assignment of the Invention

For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to <a href="ArIo Technologies">ArIo Technologies</a>. Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized under the laws of <a href="Delaware">Delaware</a>, and located and doing business at <a href="2200 Faraday-Avenue">2200 Faraday-Avenue</a>. Carlsbad, CA 92008, its successors and assigns, my entire right, title and interest, including the right to claim priority, in and to any and all applications, including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country, and any reissues or extensions of any such Letters Patent, and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all such applications and all infringements of said patents.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignce of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

{01309546.DOC / } Attorney Docket No. 3475.069

Declaration and Assignment Non-Provisional Patent Application

Title of Invention: Electronic Doorbell System with Text Communication

#### I. Declaration of Inventor

As the below named inventor, I hereby declare that:

This declaration is directed to the following APPLICATION:

The attached United States non-provisional patent application, or

United States non-provisional patent application or PCT international application Serial Number

16289302 , filed on 02-28-2019

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### II. Assignment of the Invention

For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to Arlo Technologies, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized under the laws of Delaware, and located and doing business at 2200 Faraday Avenue, Carlsbad, CA 92008, its successors and assigns, my entire right, title and interest, including the right to claim priority, in and to any and all applications, including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country, and any reissues or extensions of any such Letters Patent, and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

{01309548.DOC / } Attorney Docket No. 3475.069 Declaration and Assignment Non-Provisional Patent Application Page 2 of 2

Executed and delivered this 20 day of	ann acannacanananananananananananananana
	Alute
	Inventor Name: Dnyanesh Patil
STATE OF	
COUNTY OF	
person identified above, who is personally known t	efore me, a notary public in and for said county, appeared the o me to be the same person whose name is subscribed to the edged that the person signed, sealed and delivered the said and purposes therein set forth.
(SEAL)	Notary Public, State of
	My Commission:

{01309548.DOC / } Attorney Docket No. 3475.069

Title of Invention: Electronic Doorbell System with Text Communication

#### I. Declaration of Inventor

As the below named inventor, I hereby declare that:

This declaration is directed to the following APPLICATION:

	The attached	United States no	n-provisional pater	nt application	ı, or			
X	United States	non-provisional	patent application	or PCT interr	national ap	plication S	Serial	Numbei
16289		_, filed on	02-28-2019					

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### II. Assignment of the Invention

For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to Arlo Technologies, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized under the laws of Delaware, and located and doing business at 2200 Faraday Avenue, Carlsbad, CA 92008, its successors and assigns, my entire right, title and interest, including the right to claim priority, in and to any and all applications, including the right to claim priority, in and to any and all applications, including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country, and any reissues or extensions of any such Letters Patent, and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

{01309550.DOC / } Attorney Docket No. 3475.069 Declaration and Assignment Non-Provisional Patent Application Page 2 of 2

Executed and delivered this day of	February	
	Invent	or Name: <u>Dennis Aldover</u>
STATE OF	)	
COUNTY OF	)	
person identified above, who is personally	known to me to b cknowledged tha	a notary public in and for said county, appeared the e the same person whose name is subscribed to the t the person signed, sealed and delivered the said ses therein set forth.
(SEAL)	Notary	Public, State of
		ommission:

Title of Invention: Electronic Doorbell System with Text Communication

#### I. Declaration of Inventor

As the below named inventor, I hereby declare that:

This declaration is directed to the following APPLICATION:

\_\_\_ The attached United States non-provisional patent application, or

United States non-provisional patent application or PCT international application Serial Number

16289302 \_\_\_\_\_\_, filed on \_\_02-28-2019 \_\_\_\_.

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### II. Assignment of the Invention

For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to Arlo Technologies, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized under the laws of Delaware, and located and doing business at 2200 Faraday Avenue, Carlsbad, CA 92008, its successors and assigns, my entire right, title and interest, including the right to claim priority, in and to any and all applications, including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country, and any reissues or extensions of any such Letters Patent, and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

Declaration and Assignment Non-Provisional Patent Application

Page 2 of 2

Title of Invention: Electronic Doorbell System with Text Communication

#### **Declaration of Inventor**

As the below named inventor, I hereby declare that:

This declaration is directed to the following APPLICATION:

The attached United States non-provisional patent application, or

X United States non-provisional patent application or PCT international application Serial Number , filed on 02-28-2019 16289302

The APPLICATION was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION.

I have reviewed and understand the contents of the APPLICATION, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### II. Assignment of the Invention

For and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I hereby do sell, assign and transfer to Arlo Technologies, Inc. (hereinafter referred to as "ASSIGNEE"), a corporation organized under the laws of Delaware, and located and doing business at 2200 Faraday Avenue, Carlsbad, CA 92008, its successors and assigns, my entire right, title and interest, including the right to claim priority, in and to any and all applications, including the right to claim priority, in and to any and all applications, including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country, and any reissues or extensions of any such Letters Patent, and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents.

The Commissioner of Patents is hereby authorized and requested to issue Letters Patent for said invention to the ASSIGNEE, as assignee of the entire right, title and interest therein.

I covenant that I have full right to convey my entire title and interest in said invention as an inventor, and that I have not executed and will not execute any agreement in conflict herewith.

I further covenant that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title in ASSIGNEE to said invention or any Letters Patent that may be granted therefore, and that if ASSIGNEE, or its assignee, desires to make a substitute, divisional or continuation application for said invention, or to secure a reissue or extension of said Letters Patent, to file a disclaimer relating thereto, or an application for a corresponding patent in any foreign country, and that I will, upon request, sign all papers, make all rightful oaths, and do all lawful acts requisite for the said purpose, but at the expense of the ASSIGNEE.

I further covenant and acknowledge that the entire beneficial interest in the invention to which the above referenced application relates is irrevocably vested in the ASSIGNEE including the right to make applications for protection in all countries abroad and to claim priority under the International Convention for such applications and hereby assent to the making of any such applications, with or without priority claim, and of any divisional applications resulting therefrom.

I further covenant that I will at all times, communicate to the ASSIGNEE, its successors, assigns, or legal representatives, all facts relating to said invention and Letters Patent, or the history thereof, known to me, and testify as to the same in administrative actions or other litigation when requested so to do.

I hereby authorize the ASSIGNEE or the attorney of record to insert the filing date and serial number of the APPLICATION in this instrument:

{01315299.DOCX / } Attorney Docket No. 3475.069

{01315299.DOCX / } Attorney Docket No. 3475.069

**RECORDED: 02/28/2019** 

Declaration and Assignment

PATENT