505427584 04/15/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5474384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIARMAID DOUGLAS-HAMILTON	03/21/2019
SUDHA THIMMARAJU	03/21/2019
STEPHEN F. FULGHUM JR.	03/21/2019
THOMAS G. KENNY	03/21/2019
THOMAS G. KENNY JR.	03/22/2019

RECEIVING PARTY DATA

Name:	HAMILTON THORNE, INC.	
Street Address:	100 CUMMINGS CENTER	
Internal Address:	SUITE 465E	
City:	BEVERLY	
State/Country:	MASSACHUSETTS	
Postal Code:	01915	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	16261322
PCT Number:	US2019015700
Application Number:	62623375

CORRESPONDENCE DATA

Fax Number: (212)806-6006

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.

Phone: 212-806-5400
Email: patent@stroock.com

Correspondent Name: STROOCK & STROOCK & LAVAN LLP

Address Line 1: 180 MAIDEN LANE

Address Line 4: NEW YORK, NEW YORK 10038

ATTORNEY DOCKET NUMBER:	251305/0095
NAME OF SUBMITTER:	IAN G. DIBERNARDO
SIGNATURE:	/lan G. DiBernardo/

PATENT 505427584 REEL: 048885 FRAME: 0066

DATE SIGNED:	04/15/2019	
Total Attachments: 5		
source=Assignment-Executed#page1.tif		
source=Assignment-Executed#page2.tif		
source=Assignment-Executed#page3.tif		
source=Assignment-Executed#page4.tif		
source=Assignment-Executed#page5.tif		

PATENT REEL: 048885 FRAME: 0067

ASSIGNMENT

WHEREAS, We, Diarmaid Douglas-Hamilton, a citizen of the United Kingdom. having a correspondence address of 729 Cabot Street, Beverly, MA 01915, U.S.A.; Sudha **Thimmaraju**, a citizen of the a citizen of the United States, having a correspondence address of 88 Greenwood Road, Andover, MA 01810, U.S.A.; Stephen F. Fulghum, Jr., a citizen of the a citizen of the United States, having a correspondence address of 115 Flat Top Mountain Road, Fairview, NC 28730, U.S.A.; Thomas G. Kenny, a citizen of the United States, having a correspondence address of 361 Linebrook Road, Ipswich, MA 01938, U.S.A.; and Thomas G. Kenny, Jr., a citizen of the United States, having a correspondence address of 8 Andrews Road, Topsfield, MA 01983, U.S.A.; hereinafter collectively referred to as ASSIGNORS. have invented certain new and useful improvements in MODULAR OBJECTIVE ASSEMBLY WITH MOVEABLE LASER BEAM, for which we filed U.S. Patent International Patent Application No. Application Serial No. 16/261.322 and PCT/US2019/015700, on January 29, 2019, both of which claim priority to U.S. Provisional Patent Application No. 62/623,375 filed on January 29, 2018.

WHEREAS, **Hamilton Thorne, Inc.**, a corporation having a principal place of business at 100 Cummings Center, Suite 465E, Beverly, MA 01915, U.S.A., hereinafter referred to as ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the improvements and the application in the United States;

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the Patents, all improvements therein, and the application thereof and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be or have been granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which have been or may hereafter be filed for the improvements in any country or countries, including or foreign to the United States, and all Letters Patent which may be or have been granted for the improvements in any country or countries, including or foreign to the United States and all extensions, renewals and reissues thereof; and ASSIGNORS hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for the improvements to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY grant to Ian G. DiBernardo, Jeffrey Mann, Kenneth L. Stein and Jason M. Sobel, attorneys with the firm of Stroock & Stroock & Lavan LLP, the right and full power of attorney to enter all further identifying information of the improvements and the application as may be deemed necessary or desirable for the recordation or perfection of this Assignment.

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the improvements in all countries.

IN TESTIMONY WHEREOF, we have set our hand and seal to this Assignment.

2	Santanage .	March	. 2019
---	-------------	-------	--------

Diarmaid Douglas-Hamilton,

State of MASS.)
Ss. County of ESSEX)

On this 215th day of WACH, 2019 before me, a Notary Public in and for the State and County aforesaid, personally appeared Diarmaid Douglas-Hamilton to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Notary Public



2) MARCH, 2019	hat h
	Sudha Thimmaraju
State of WASS. County of ESSEX)	
On this 215th day of MARCH State and County aforesaid, personally ap	, 2019 before me, a Notary Public in and for the peared Sudha Thimmaraju to me known and known signed and sealed the foregoing instrument, and he and deed.
Notary Public Carolyn E. Jank	CAROLYN E. JANK Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires April 4, 2019
, 2019	Stephen F. Fulghum Jr.
State of))ss.: County of)	
State and County aforesaid, personally a	, 2019 before me, a Notary Public in and for the ppeared Stephen F. Fulghum Jr. to me known and he, who signed and sealed the foregoing instrument, tree act and deed.
Notary Public	

21 MARGH, 2019	interest he
	Sudha Thimmaraju
State of Whish)	
State of WASS.) Sss.: County of ESSEX)	
State and County aforesaid, personally	, 2019 before me, a Notary Public in and for the appeared Sudha Thimmaraju to me known and known ho signed and sealed the foregoing instrument, and he ct and deed.
Notary Public aroun & Jank	CAROLYN E. JANK Motary Public CCIMONNAEALTH OF MASSACHUSETTS I My Commission Explicat April 4, 2019
21 Mar 2019, 2019	Stephen F. Fulghum Jr.
State of Arizona	
State of Anizona))ss.: County of Mancola	
On this 21 day of March State and County aforesaid, personally known to me to be the person of that nar and he acknowledged the same to be his	. 2019 before me, a Notary Public in and for the appeared Stephen F. Fulghum Jr. to me known and me, who signed and sealed the foregoing instrument, free act and deed.
7 1/1/2	Eric Waldron
Notary Public	Notary Public Maricopa County, Arizona My Comm. Expires 07-29-2022 Commission No. 550205

Page 3 of 4

21 Margall 2010	I day from
21, MARCH, 2019	Thomas G. Kenny
State of MASS.))ss.: County of ESSEX)	
	, 2019 before me, a Notary Public in and for the peared Thomas G. Kenny to me known and known signed and sealed the foregoing instrument, and he and deed.
Notary Public E. Jank	CAROLYN E. JANK Notary Public CONTROL OF MASSACHUSETTS Ray Commission Expires April 4, 2019
3/22,2019	Thomas G. Kenny Jr.
State of))ss.: County of)	
State and County aforesaid, personally a	, 2019 before me, a Notary Public in and for the appeared Thomas G. Kenny Jr. to me known and e, who signed and sealed the foregoing instrument, ree act and deed.
Nicole Marie Thibodeau Notary Public	NICOLE THIBODEAU Notary Public COMMONWEALTH OF MASSACHUSETTS My Commission Expires August 16, 2024

Page 4 of 4