## 505693252 09/26/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5740062

	NEW ASSIGNMENT		
CE:	ASSIGNMENT		
TA			
	Name	Execution Date	
OHN HOUSTON		03/30/2016	
GABE GRAHAM		06/09/2016	
CHARLES ALEXANDER SIMPKINS JR.		07/27/2016	
ROBERT MORRIS		04/18/2016	
		03/02/2017	
ГА			
	L VIBRATION CORPORATION		
P.O. BOX 720313			
SAN FRANCISCO			
CALIFORNIA			
94172-0313			
	Number		
16	<b>Number</b> 5583964		
16 <b>ATA</b>			
4TA	583964		
ATA	583964 he e-mail address first; if that is unsu		
ATA e sent to th provided; i	583964		
ATA e sent to ti provided; i pto	5583964 he e-mail address first; if that is unsu if that is unsuccessful, it will be sent		
ATA e sent to th pto BC	5583964 he e-mail address first; if that is unsu if that is unsuccessful, it will be sent o@bciplaw.com		
ATA e sent to ti provided; i BC 43	5583964 <b>he e-mail address first; if that is unsu</b> <b>if that is unsuccessful, it will be sent</b> p@bciplaw.com DTOS CHURCHILL IP LAW LLP	via US Mail.	
ATA e sent to ti provided; i BC 43	5583964 <b>he e-mail address first; if that is unsu</b> <b>if that is unsuccessful, it will be sent</b> o@bciplaw.com DTOS CHURCHILL IP LAW LLP 50 MOUNTAIN AVENUE, SUITE 401	via US Mail.	
ATA e sent to ti pto BC 43 NE	5583964 <b>The e-mail address first; if that is unsu</b> <b>if that is unsuccessful, it will be sent to</b> Define the sent of the se	via US Mail.	
ATA e sent to ti pto BC 43 NE	be e-mail address first; if that is unsuction o@bciplaw.com DTOS CHURCHILL IP LAW LLP 00 MOUNTAIN AVENUE, SUITE 401 EW PROVIDENCE, NEW JERSEY 0797 COACTI 3.3F-007 CCC [105]	via US Mail.	
ATA e sent to ti pto BC 43 NE	he e-mail address first; if that is unsuction if that is unsuccessful, it will be sent to o@bciplaw.com DTOS CHURCHILL IP LAW LLP 80 MOUNTAIN AVENUE, SUITE 401 EW PROVIDENCE, NEW JERSEY 0797 COACTI 3.3F-007 CCC [105] AVA MARIE FELA	via US Mail.	
ATA e sent to ti pto BC 43 NE	be e-mail address first; if that is unsuction if that is unsuccessful, it will be sent to o@bciplaw.com DTOS CHURCHILL IP LAW LLP 80 MOUNTAIN AVENUE, SUITE 401 EW PROVIDENCE, NEW JERSEY 0797 COACTI 3.3F-007 CCC [105] AVA MARIE FELA /Ava Marie Fela/	via US Mail.	
	TA SIMPKIN GENERA P.O. BOX SAN FRA CALIFOR	CE: ASSIGNMENT TA Name SIMPKINS JR. SIMPKINS JR. FA GENERAL VIBRATION CORPORATION P.O. BOX 720313 SAN FRANCISCO CALIFORNIA 94172-0313	

source=Assignment#page2.tif

source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif

		Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICAT	ION	COACTI 3.3F-007
WHEREAS, I, John Houston of P.O. Box 1771; N inventions or discoveries, the subject matter of which is des ARRAY OF VIBRATION ACTUATORS IN AN INTEGRATE WHEREAS (if the left box is checked), the Internati PCT/US2014/045984 , designatin	scribed in the patent appl D MODULE" (hereafter " ional Patent Application w	cation entitled "SYNCHRONIZED Patent Application"),
X WHEREAS (if the left box is checked), the Patent John Houston, Gabe Graham, Charles Alexander Simpkins, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here January 7, 2016] the application number and filing date of th	Application names the fo , Jr., and Rob Morris (an in brackets [Application N	i whereas I hereby authorize Lerner, p. <u>14/903.452</u> , filed on
WHEREAS, <u>General Vibration Convoration</u> , incorpositions at <u>P.O. Box 1771; New York, New York 10113-1</u> acquired and is desirous of memorializing its acquisition fur	771 (hereafter, the "assig	mee") is desirous of acquiring, or has
as follows. I agree to assign, and hereby do assign, to the Assigned Applications in the United States of America and Patent Application, including any and all inventions, discow continuation, continuation-in-part, substitute, relesue, re-exp Patent Application pursuant to any law or treaty, and any pi do assign, to assignee the right to claim such priority or ber obligation to convey, my rights in the Assigned Applications Trademark Office, and any other governmental agency in the Assigned Applications and to record assignee's ownership further remuneration, to execute and deliver documents pre- such as testimony, as may be reasonably required to evide Assignee may assign or transfer all or part of its rights set f affix its signature to this document as well as any other indi- herein is unenforceable, the requirements of the provision a offending portions thereof shall be deemed replaced, to the purpose of the offending provision.	all other countries, where aries and other subject m amination or other applic atent issuing from the for hefft. I have not previous to a third party. I hereby he world, to issue to assig thereof. At assignee's re spared at assignee's exp nce or protect assignee's orth herein in its sole dis cla of its acceptance of t shall remain to the full ax	"Assigned Applications" means the atter described therein, any divisional, ation claiming priority or benefit to the agoing. I agree to assign, and hereby y conveyed, nor am I aware of an y authorize the U.S. Patent and mee all patents resulting from the asonable request I agree, without mes and to provide other cooperation, rights in the Assigned Applications. retion. I agree that the assignee may the provisions hereof. If any provision ent permissible by law and the
I further agree to assign, and hereby do assign, to Application No. <u>61/844.100</u> , filed <u>July 9, 2013,</u> such provisio		
Application No. <u>61/844.100</u> , filed Jul <u>x 9, 2013</u> , such provisi purposes herein.	onal application being co	isidered an Assigned Application for all
Application No. 61/844,100, filed July 9, 2013, such provision	onal application being co	
Application No. <u>61/844.100</u> , filed <u>July 9, 2013</u> , such provisk purposes herein. <u>March 30, 2016</u>	onal application being co	isidered an Assigned Application for all
Application No. <u>61/844.100</u> , filed <u>July 9, 2013</u> , such provisk purposes herein. <u>March 30, 2016</u>	onal application being co	isidered an Assigned Application for all
Application No. <u>61/844.100</u> , filed <u>July 9, 2013</u> , such provisk purposes herein. <u>March 30, 2016</u>	onal application being co	isidered an Assigned Application for all
Application No. <u>61/844.100</u> , filed <u>July 9, 2013</u> , such provisk purposes herein. <u>March 30, 2016</u>	onal application being co	isidered an Assigned Application for all

Ŋ

PATENT REEL: 050504 FRAME: 0663

		Docket Number (C	
ASSIGNMENT OF UTILITY APPLIC	ATION	COACTI 3.35-007	
WHEREAS, I, <u>Gabs Graham</u> of <u>13467 SW De</u> discovered inventions or discoveries, the subject matter SYNCHRONIZED ARRAY OF VIBRATION ACTUATOF Application").	of which is described in th	e patent application entitled	į
WHEREAS (if the left box is checked), the inter PCT/US2014/045984 , design WHEREAS (if the left box is checked), the Path lohn Houston, Gabe Graham, Charles Alexander Simpki David, Littenberg, Krumholz & Mentlik, LLP, to insert in h <u>lanuary 7, 2015</u> ) the application number and filing date of	ating the United States. ant Application names the ns, Jr., and Rob Morris (a are in brackets (Application	following inventors: nd whereas I hereby author No. <u>14/903.452</u> , filed on	•
WHEREAS, <u>General Vibration Corporation</u> , in susiness at <u>P.O. Box 1771; New York, New York, 1011;</u> sequired and is desirous of memorializing its acquisition	3-1771 (hereafter, the "ass	ignee") is desirous of acqu	iring, or has
NOW, THEREFORE, for good and valuable co as follows. I agree to assign, and hareby do assign, to it Assigned Applications in the United States of America a Patent Application, including any and all inventions, disc continuation, continuation-in-part, substitute, reissue, re- Patent Application pursuant to any law or treaty, and any patent Application pursuant to any law or treaty, and any to assign, to assignee the right to claim such priority or l obligation to convey, my rights in the Assigned Applicatio Frademark Office, and any other governmental agency is	he assignee my entire righ nd all other countries, whe overies and other subject ( examination or other appli v patent issuing from the fo benefit. I have not previou ons to a third party. I herel	It the and interest in and it re "Assigned Applications" natter described therein, a cation claiming priority or b regoing. I agree to assign aly conveyed, nor am I ewo authorize the U.S. Pater	i the means the ny divisional, enefit to the and hereby are of an
Assigned Applications and to record assigned's ownersh further remuneration, to execute and deliver documents such as testimony, as may be reasonably required to evil Assignee may assign or transfer all or part of its rights as affix its signature to this document as well as any other is herein is unenforceable, the requirements of the provisio offending portions thereof shall be deemed replaced, to to ourpose of the offending provision. I further agree to assign, and hereby do assign Application No. <u>61/644.100</u> , filed July 9. 2013, such prov	ip thereof. At easignee's r prepared at assignee's exp idence or protect assignee is forth herein in its sole de ndicis of its acceptance of in shall remain to the full ex the extent possible, with a s, to assignee my entire right.	easonable request I agree, sense and to provide other is rights in the Assigned Ap cretion. I agree that the as the provisions hereof. If an dent permissible by law an provision most closely refle nt, title and interest in and I	from the without cooperation, plications, signee may y provision d the writing the o Provisional
Assigned Applications and to record assignee's ownersh writher remuneration, to execute and deliver documents such as testimony, as may be reasonably required to evi- Assignee may assign or transfer all or part of its rights as affilt its signature to this document as well as any other is rerein is unenforceable, the requirements of the provisio offending portions thereof shall be deemed replaced, to to burpose of the offending provision. I further agree to assign, and hereby do assign Application No. <u>61/844.100</u> , filed July 9, 2013, such prov- purposes herein.	ip thereof. At easignee's r prepared at assignee's exp idence or protect assignee is forth herein in its sole de ndicis of its acceptance of in shall remain to the full ex the extent possible, with a s, to assignee my entire right.	easonable request I agree, sense and to provide other is rights in the Assigned Ap cretion. I agree that the as the provisions hereof. If an dent permissible by law an provision most closely refle nt, title and interest in and I	from the without cooperation, plications, signee may y provision d the acting the o Provisional
Assigned Applications and to record assigned's ownersh further remuneration, to execute and deliver documents such as testimony, as may be reasonably required to evil Assignee may assign or transfer all or part of its rights as affix its signature to this document as well as any other is herein is unenforceable, the requirements of the provisio offending portions thereof shall be deemed replaced, to to purpose of the offending provision. I further agree to assign, and hereby do assign	ip thereof. At easignee's r prepared at assignee's exp idence or protect assignee is forth herein in its sole de ndicis of its acceptance of in shall remain to the full ex the extent possible, with a s, to assignee my entire right.	easonable request I agree, sense and to provide other is rights in the Assigned Ap cretion. I agree that the as the provisions hereof. If an dent permissible by law an provision most closely refle nt, title and interest in and I	from the without cooperation, plications, signee may y provision d the acting the o Provisional
Assigned Applications and to record assigned's ownersh further remuneration, to execute and deliver documents such as testimony, as may be reasonably required to evi- Assignee may assign or transfer all or part of its rights as affb/its signature to this document as well as any other is herein is unenforceable, the requirements of the provisio offending portions thereof shall be deemed replaced, to to ourpose of the offending provision. I further agree to assign, and hereby do assign Application No. <u>61/844.100</u> , filed July 9, 2013, such prov purposes herein.	ip thereof. At easignee's r prepared at assignee's exp idence or protect assignee is forth herein in its sole de ndicis of its acceptance of in shall remain to the full ex the extent possible, with a s, to assignee my entire right.	easonable request I agree bense and to provide other is rights in the Assigned Ap cretion. I agree that the as the provisions hereof. If an dent permissible by law an provision most closely refit nt, title and interest in and I onsidered an Assigned App	from the without cooperation, plications, signee may y provision d the acting the o Provisional

State group and a second second

and the provide in

## PATENT REEL: 050504 FRAME: 0664

....

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	
	COACTI 3.3F-037
WHEREAS, I, Charles Alexander Simpkins, Jr. of 727 Salem Court; San D     invented or discovered inventions or discoveries, the subject matter of which is desc     "SYNCHRONIZED ARRAY OF VIBRATION ACTUATORS IN AN INTEGRATED MC     Application"),     Image: Structure of the set	ribed in the patent application entitled DULE" (hereafter "Patent as filed on July 9, 2014, as flowing inventors: J whereas I hereby authorize Lerner,
Jamary 7, 2016) the application number and filing date of the application when known WHEREAS, <u>General Vibralion Corporation</u> , incorporated or otherwise form business at <u>P.O. Box 1771; New York, New York 10113-1771</u> (hereafter, the "assig acquired and is desirous of memorializing its acquisition further herein, the entire rig NOW, THEREFORE, for good and valuable consideration the receipt of wi as follows. I agree to assign, and hereby do assign, to the assignee my entire right. Assigned Applications in the United States of America and all other countries, where petent Application, including any and all inventions, discoveries and other subject m continuation, continuation-in-part, substitute, reissue, re-examination or other applic Patent Application pursuant to any law or treaty, and any patent issuing from the for do assign, to assignee the right to claim such priority or benefit. I have not previous obligation to convey, my rights in the Assigned Applications to a third party. I hereby Trademark Office, and any other governmental egency in the world, to issue to assign further remoneration, to execute and deliver documents prepared at assignee's re further remoneration, to execute and deliver documents prepared at assignee's re further remoneration, to execute and deliver documents prepared at assignee's re further remoneration, to execute and deliver documents prepared at assignee's re further remoneration, to execute and deliver documents prepared at assignee's re further remoneration, to execute and deliver documents prepared at assignee's first its signature to this document as well as any other indicide of its acceptance of it hereis is unenforceable, the requirements of the provision shalt remain to the full exit offending portions thereof shall be deemed replaced, to the extent possible, with a p	), and ined in <u>Dataware</u> and having a place of mee") is destrous of acquiring, or has it, the and interest in same: which is hereby acknowledged, I agree tills and interest in and to the "Assigned Applications" means the atter described therein, any divisional atter described therein and hereby y conveyed, nor am I aware of an y authorize the U.S. Patent and mee all patents resuling from the asonable request I agree, without mes and to provide other cooperation, rights in the Assigned Applications. aretion, I agree that the assignee may be provisions hereof. If any provision ent permissible by law and the
purpose of the offending provision. I further agree to assign, and hereby do assign, to assignee my entire righ Application No. <u>61/844,100</u> , filed July <u>9,2013</u> , such provisional application being co purposes herein. 7 - 27 - 16 (Date)	t, tille and interest in and to Provisional nsidered an Assigned Application for all Job (Job (Job (Job (Job (Job (Job (Job (

PATENT REEL: 050504 FRAME: 0665

	Docket Number (Optional)			
ASSIGNMENT OF UTILITY APPLICATION	COACTI 3.3F-007			
WHEREAS, I, <u>Rob Morris</u> of <u>1321 Michigan Ave.</u> Act. <u>3: Cincinnati</u> <u>Ohio</u> <u>45208</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYNCHRONIZED ARRAY OF VIBRATION ACTUATORS IN AN INTEGRATED MODULE" (hereafter "Patent Application"),				
PCT/US2014/045984 , designating the United States. WHEREAS (if the left box is checked), the Patent Application names the following inventors: John Houston, Gabe Graham, Charles Alexander Simpkins, Jr., and Rob Morris (and whereas I hereby authorize Lemer, David, Littenberg, Krumhoiz & Mentlik, LLP, to insert in here in brackets [Application No. 14/903.452, filed on January 7, 2016] the application number and filing date of the application when known), and				
WHEREAS, <u>General Vibration Consoration</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>P.O. Box 1771: New York, New York, 10113-1771</u> (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;				
NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patient Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patient Application pursuant to any law or treaty, and any patient issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patient and Trademark Office, and any other governmental agency in the world, to issue to assignee all patients resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's registe in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision. I further agree to assign, and hereby do assign, to assignee my entire right, title and interest in and to Provisional Application No. <u>61/844, 100</u> , filed July 9, 2013, such provisional application				
4/18/2016 Rabe	t Morris			
(Date)	(Signature)			

c

Docket Number (Optional)

## ASSIGNMENT OF PATENT APPLICATION

COACTI 3.11E-007 (E)

VMEREAS, I. <u>Nathan Delson</u> of <u>5037 Seacrove Cover</u>, <u>San Dinco</u>, <u>California</u>, <u>92130-3226</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYNCHRONIZED ARRAY OF VIBRATION ACTUATORS IN AN INTEGRATED MODULE" (hereafter "Patent Application"),

X WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on January 7, 2016, Application Number <u>14/903.452</u>, and

WHEREAS, <u>General Vibration Corporation</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>P.O. Box 1771; New York, New York 10112-1771</u> (hereafter, the "assignee") is destrous of acquining, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignce's expense and to provide other cooperation, such as testimony, as may be reasonably required to evidence or protect assignce's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision.

I further agree to assign, and hereby do assign, to assignee my entire right, little and interest in and to Provisional Application No. <u>61/844.100</u>, Ned July 9, 2013, such provisional application being considered an Assigned Application for all purposes herein.

2017

Bern

(Signature)