UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13D

(Amendment No. 1)*

Under the Securities Exchange Act of 1934

CLEARSIDE BIOMEDICAL, INC.

(Name of Issuer)

Common Stock, \$0.001 Par Value (Title of Class of Securities)

185063 10 4 (CUSIP Number)

Clay Thorp
280 S. Mangum Street, Suite 350
Durham, North Carolina 27701
(919) 484-0730
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

January 20, 2017 (Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. \Box

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See § 240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-4822068					
	Hatteras Venture Advisors III, LLC					
2.			ppropriate Box if a Member of a Group			
	(a) □	(b)				
	Not A	pplic	eable			
3.	SEC Us					
4.	C	- CE	nds (See Instructions)			
4.	Source	orru	nds (See instructions)			
	00 –	See	Item 3			
5.	Check	if Dis	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	NI a4 A	1:	ahla			
6.	Not A		cable or Place of Organization			
0.	CITIZON	isinp (of Flave of Organization			
	United States					
		7.	Sole Voting Power			
N. 1	C		0			
Numb Shar		8.	Shared Voting Power			
Beneficially						
Owned Eac			1,754,373			
Repor	ting	9.	Sole Dispositive Power			
Perso wit			0			
		10.	Shared Dispositive Power			
			1.771.070			
11.	1,754,373 Aggregate Amount Beneficially Owned by Each Reporting Person					
11.	1155105410 1 Milotant Denominary Owned by Lacii Reporting 1 015011					
	1,754,373					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
	IV					
13.	Percent of Class Represented by Amount in Row (11)					
			······································			
	7.1%					
14.	Type o	f Rep	orting Person			
	СО					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-482290					
	Hatteras Venture Partners III, LP					
2.			ppropriate Box if a Member of a Group			
	(a) □	(b)				
	Not A					
3.	SEC Us	se Onl	ly			
4.	C	- CE	nds (See Instructions)			
4.	Source	orru	nds (See instructions)			
	00 –	See	Item 3			
5.	Check	if Dis	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	3.7					
6.	Not A		cable or Place of Organization			
0.	Citizen	isnip (of Prace of Organization			
	United States					
		7.	Sole Voting Power			
Numbe Shar		8.	0 Shared Voting Power			
Benefic		0.	Shaled voting rower			
Owned By			1,608,339			
Eac Repor		9.	Sole Dispositive Power			
Perso	on					
wit	n	10.	O Shared Dispositive Power			
		10.	Shaled Dispositive Fower			
			1,608,339			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	1 608 220					
12.	1,608,339 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
·						
13.	Percent	t of Cl	ass Represented by Amount in Row (11)			
	6.6%					
14.	Type o	f Rep	orting Person			
	PN					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-5052088					
	Hatter	Hatteras Venture Affiliates III, LP				
2.		the A	ppropriate Box if a Member of a Group □			
	Not A	pplic	eable			
3.	SEC Us					
4.	Source	of Fu	nds (See Instructions)			
	OO –					
5.	Check	if Dis	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not A	pplic	eable			
6.	Citizen	ship	or Place of Organization			
	United	l Sta	tes			
		7.	Sole Voting Power			
Numbe	er of		0			
Shar	es	8.	Shared Voting Power			
Benefic Owned	l By		146,034			
Eac Repor		9.	Sole Dispositive Power			
Perso wit			0			
		10.	Shared Dispositive Power			
			146,034			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	146,034					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
13.	Percent of Class Represented by Amount in Row (11)					
	0.6%					
14.	Type o	f Rep	orting Person			
	PN					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)					
		Hatteras Venture Advisors IV SBIC, LLC				
2.	Check (a) □		ppropriate Box if a Member of a Group □			
	Not A					
3.	SEC U					
4.	Source	of Fu	nds (See Instructions)			
	00 -					
5.	Check	ıf Dıs	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not A	pplic	eable			
6.	Citizen	ship	or Place of Organization			
	United	d Sta				
		7.	Sole Voting Power			
Numb	er of		0			
Shar Benefic		8.	Shared Voting Power			
Owned	d By		2,056,591			
Eac Repor		9.	Sole Dispositive Power			
Pers wit			0			
*****		10.	Shared Dispositive Power			
			2,056,591			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	2,056,591					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
	$\overline{\mathbf{x}}$					
13.	Percent	ofC	lass Represented by Amount in Row (11)			
	8.4%					
14.	Type o	f Rep	orting Person			
	СО					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 32-0389462					
	Hatter	Hatteras Venture Partners IV SBIC, LP				
2.		Appropriate Box if a Member of a Group (b) \square				
	Not A	olicable				
3.	SEC Us					
4.	Source	Funds (See Instructions)				
		ee Item 3				
5.	Check	Disclosure of Legal Proceeding Is Required	Pursuant to Items 2(d) or 2(e)			
		licable				
6.	Citizen	ip or Place of Organization				
	United	states				
		7. Sole Voting Power				
Numbe	erof	0				
Shar	es	8. Shared Voting Power				
Benefic Owned	-	2,056,591				
Eac Repor		9. Sole Dispositive Power				
Perso	on	0				
WIL	11	0. Shared Dispositive Power				
		2,056,591				
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	2,056,591					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
13.	Percent of Class Represented by Amount in Row (11)					
	8.4%					
14.	Type o	eporting Person				
	CO					
-						

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 20-4822068					
	Hatter	Hatteras Venture Advisors IV, LLC				
2.	Check	the A	ppropriate Box if a Member of a Group			
	(a) □	(b)				
	Not A					
3.	SEC Us	se On	ly			
4.	Source	of Fu	nds (See Instructions)			
	0.0	a				
5.	OO –		Item 3 closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
5.	Check	11 1515	crosure of Eegal Froceduring is required 1 disuant to froms 2(d) of 2(e)			
	Not A					
6.	Citizen	ship	or Place of Organization			
	United States					
		7.	Sole Voting Power			
Numb	er of		0			
Shar	es	8.	Shared Voting Power			
Benefic Owned			383,370			
Eac Repor		9.	Sole Dispositive Power			
Pers	on					
wit	h	10.	0 Shared Dispositive Power			
		10.	Shared Dispositive Tower			
		<u> </u>	383,370			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	383,370					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
	X					
13.	Percent	t of C	lass Represented by Amount in Row (11)			
	1.6%					
14.		f Rep	orting Person			
	00					
	СО					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 45-2827886					
	Hatteras Venture Partners IV, LP					
2.			ppropriate Box if a Member of a Group			
	(a) □	(b)				
	Not A					
3.	SEC Us	se On	ly			
4.	Caumaa	of Eu	nds (See Instructions)			
4.	Source	огги	itus (see ilistructions)			
	00 –	See	Item 3			
5.	Check	if Dis	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	3.7					
6.	Not A		cable or Place of Organization			
0.	Citizen	snip	of Prace of Organization			
	United	d Sta	tes			
		7.	Sole Voting Power			
Numbe Shar		8.	0 Shared Voting Power			
Benefic		0.	Shaled voting rower			
Owned By			260,040			
Eac Repor		9.	Sole Dispositive Power			
Perso	on					
wit	n	10.	O Shared Dispositive Power			
		10.	Shaled Dispositive Fower			
			260,040			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	260.040					
12.	260,040 Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
12.	check	20.11	The rigging random in the wifer of the control of t			
13.	Percent	of C	ass Represented by Amount in Row (11)			
	1.1%					
14.	Type o	f Rep	orting Person			
	СО					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only) 38-3890444					
	Hatter	Hatteras NC Fund, LP				
2.	Check	the A	ppropriate Box if a Member of a Group			
	(a) 🗆	(b)				
	Not A					
3.	SEC Us	se Onl	ly			
4.	Source	of Fu	nds (See Instructions)			
	0.0	a				
5.	OO –		Item 3 closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
5.	Check	11 1515	crosule of Eegal Froceduring is required Faistaint to Items 2(a) of 2(c)			
_	Not A					
6.	Citizen	iship (or Place of Organization			
	United States					
7. Sole Voting Power			Sole Voting Power			
Numb	er of		0			
Shar	es	8.	Shared Voting Power			
Benefic Owned			123,330			
Eac Repor		9.	Sole Dispositive Power			
Pers	on					
wit	h	10.	0 Shared Dispositive Power			
		10.	Shared Dispositive Tower			
			123,330			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	123,330					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
13.		t of C	lass Represented by Amount in Row (11)			
	0.5%					
14.		f Rep	orting Person			
		-				
	СО					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)					
		John C. Crumpler				
2.	Check (a) □		ppropriate Box if a Member of a Group			
	Not A					
3.	SEC Us					
4.	Source	of Fu	nds (See Instructions)			
	00 -					
5.	Check	ıf Dıs	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not A	pplic	eable			
6.	Citizen	ship	or Place of Organization			
	United	d Sta				
		7.	Sole Voting Power			
Numb	er of		0			
Shar Benefic		8.	Shared Voting Power			
Owned	d By		4,194,334			
Eac Repor	ting	9.	Sole Dispositive Power			
Perso wit			0			
,,,,		10.	Shared Dispositive Power			
			4,194,334			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	4,194,334					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
13.	Percent	of C	ass Represented by Amount in Row (11)			
	17.1%					
14.	Type o	f Rep	orting Person			
	IN					
-						

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)						
	Rober	Robert A. Ingram					
2.	(a) 🗆	(b)	ppropriate Box if a Member of a Group				
	Not A						
3.	SEC U						
4.	Source	of Fu	nds (See Instructions)				
	00 –						
5.	Check	if Dis	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)				
	Not A	pplic	eable				
6.	Citizen	ship	or Place of Organization				
	United	d Sta					
		7.	Sole Voting Power				
Numb	er of		0				
Shar Benefic		8.	Shared Voting Power				
Owned Eac	d By		4,194,334				
Repor	ting	9.	Sole Dispositive Power				
Perso wit			0				
		10.	Shared Dispositive Power				
			4,194,334				
11.	Aggregate Amount Beneficially Owned by Each Reporting Person						
	4,194,334						
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares						
13.	Percent	ofC	ass Represented by Amount in Row (11)				
	17.1%	,)					
14.	Type o	f Rep	orting Person				
	IN						

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)						
		Kenneth B. Lee					
2.	(a) 🗆						
3.	SEC Us	Not Applicable SEC Use Only					
4.	Source	e of Funds (See Instructions)					
		- See Item 3					
5.	Check	if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)					
	Not A	Applicable					
6.		nship or Place of Organization					
	United	ed States					
		7. Sole Voting Power					
Numb	£						
Shar	es	8. Shared Voting Power					
Benefic Owned		4 104 224					
Eac	h	4,194,334 9. Sole Dispositive Power					
Repor Pers		7. Sole Dispositive Tower					
wit	h	0					
		10. Shared Dispositive Power					
		4,194,334					
11.	Aggregate Amount Beneficially Owned by Each Reporting Person						
	4,194,334						
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares						
13.	Percent	nt of Class Represented by Amount in Row (11)					
	17.1%						
14.	Type o	of Reporting Person					
	IN						

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)					
		Clay B. Thorp				
2.	Check (a) □		ppropriate Box if a Member of a Group			
	Not A					
3.	SEC U					
4.	Source	of Fu	nds (See Instructions)			
	00 -					
5.	Check	ıf Dıs	closure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not A	pplic	eable			
6.	Citizen	ship	or Place of Organization			
	United	d Sta				
		7.	Sole Voting Power			
Numb	er of		0			
Shar Benefic		8.	Shared Voting Power			
Owned Eac	d By		4,194,334			
Repor	ting	9.	Sole Dispositive Power			
Perso wit			0			
	-	10.	Shared Dispositive Power			
			4,194,334			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person					
	4,194,334					
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares					
13.	Percent	of C	ass Represented by Amount in Row (11)			
	17.1%	,)				
14.	Type o	f Rep	orting Person			
	IN					

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1.	Name of Reporting Person I.R.S. Identification No. of Above Person (Entities Only)			
	Douglas Reed			
2.	Check the Appropriate Box if a Member of a Group (a) □ (b) □			
2	Not Applicable			
3.	SEC Use Only			
4.	Source of Funds (See Instructions)			
		OO – See Item 3		
5.	Check if Disclosure of Legal Proceeding Is Required Pursuant to Items 2(d) or 2(e)			
	Not Applicable			
6.	Citizenship or Place of Organization			
	United States			
•		7.	Sole Voting Power	
Numbe	er of		0	
Shares Beneficially		8.	Shared Voting Power	
Owned Eac	l By		4,194,334	
Reporting		9.	Sole Dispositive Power	
Perso wit			0	
		10.	Shared Dispositive Power	
			4,194,334	
11.	Aggregate Amount Beneficially Owned by Each Reporting Person			
	4,194,334			
12.		Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares		
13.	Percent	Percent of Class Represented by Amount in Row (11)		
	17.1%			
14.	Type of Reporting Person			
	IN			
		_		

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This Amendment No. 1 on Schedule 13D amends the statement on Schedule 13D, dated June 7, 2016, which relates to the Common Stock, par value \$0.001 per share (the "Common Stock") of Clearside Biomedical, Inc. (the "Issuer") filed by:

Hatteras Venture Advisors III, LLC ("HVA III")
Hatteras Venture Partners III, LP ("HVP III")
Hatteras Venture Affiliates III, LP ("HV Affiliates")
Hatteras Venture Advisors IV SBIC, LLC ("HVA SBIC")
Hatteras Venture Partners IV SBIC, LP ("HVP SBIC")
Hatteras Venture Advisors IV, LLC ("HVA IV")
Hatteras Venture Partners IV, LP ("HVP IV")
Hatteras NC Fund, LP ("Hatteras Fund")
John C. Crumpler
Robert A. Ingram
Kenneth B. Lee
Clay B. Thorp
Douglas Reed
(collectively, the "Reporting Persons").

Except as expressly amended below, the Schedule 13D, dated June 7, 2016, remains in effect.

Item 5. Interest in Securities of the Issuer.

(a) Aggregate number and percentage beneficially owned:

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HVA III — 1,754,373 or 7.1%

HVP III — 1,608,339 or 6.6%

HV Affiliates — 146,034 or less than 1%

HVA SBIC — 2,056,591 or 8.4%

HVP SBIC — 2,056,591 or 8.4%

HVA IV— 383,370 or 1.6%

HVP IV — 260,040 or 1.1%

Hatteras Fund — 123,330 or less than 1%

John C. Crumpler — 4,194,334 or 17.1%

Robert A. Ingram — 4,194,334 or 17.1%

Kenneth B. Lee — 4,194,334 or 17.1%

Clay B. Thorp — 4,194,334 or 17.1%

Douglas Reed — 4,194,334 or 17.1%
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- (b) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote

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HVA III — 0
HVP III — 0
HV Affiliates — 0
HVA SBIC — 0
HVP SBIC — 0
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HVA IV— 0 HVP IV — 0 Hatteras Fund— 0 John C. Crumpler — 0 Robert A. Ingram — 0 Kenneth B. Lee — 0 Clay B. Thorp — 0 Douglas Reed — 0

(iii) Sole power to dispose or to direct the disposition of

HVA III — 0 HVP III — 0 HV Affiliates — 0 HVA SBIC — 0 HVP SBIC — 0 HVP IV — 0 Hatteras Fund — 0 John C. Crumpler — 0 Robert A. Ingram — 0 Kenneth B. Lee — 0 Clay B. Thorp — 0 Douglas Reed — 0

(iv) Shared power to dispose or to direct the disposition of

HVA III — 1,754,373 HVP III — 1,608,339 HV Affiliates — 146,034 HVA SBIC — 2,056,591 HVP SBIC — 2,056,591 HVA IV — 383,370 HVP IV — 260,040 Hatteras Fund — 123,330 John C. Crumpler — 4,194,334 Robert A. Ingram — 4,194,334 Kenneth B. Lee — 4,194,334 Clay B. Thorp — 4,194,334 Douglas Reed — 4,194,334

(ii) Shared power to vote or to direct the vote

HVA III — 1,754,373 HVP III — 1,608,339 HV Affiliates — 146,034 HVA SBIC — 2,056,591 HVP SBIC — 2,056,591 HVA IV — 383,370 HVP IV — 260,040 Hatteras Fund — 123,330 John C. Crumpler — 4,194,334 Robert A. Ingram — 4,194,334 CUSIP No. 185063 10 4 Page 17 of 20

> Kenneth B. Lee — 4,194,334 Clay B. Thorp — 4,194,334 Douglas Reed — 4,194,334

(c) Each of the required transactions described in this Item 5(a) were reported on Forms 4 filed with the Securities and Exchange Commission (the "SEC") pursuant to Section 16 of the Act and are available on the SEC's website at www.sec.gov. The information reported in such filings is expressly incorporated herein.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: February 8, 2017

HATTERAS VENTURE ADVISORS III, LLC

By: /s/ Clay B. Thorp

Manager

HATTERAS VENTURE PARTNERS III, LP

By: Hatteras Venture Advisors III, LLC, its general partner

By: /s/ Clay B. Thorp

Manager

HATTERAS VENTURE AFFILIATES III, LP

By: Hatteras Venture Advisors III, LLC, its general partner

By: /s/ Clay B. Thorp

Manager

HATTERAS VENTURE ADVISORS IV SBIC, LLC

By: /s/ Clay B. Thorp

Manager

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HATTERAS VENTURE PARTNERS IV SBIC, LP

By: Hatteras Venture Advisors IV SBIC, LLC, its general partner

By: /s/ Clay B. Thorp Manager

HATTERAS VENTURE ADVISORS IV, LLC

By: <u>/s/ Clay B. Thorp</u> Manager

HATTERAS VENTURE PARTNERS IV, LP

By: Hatteras Venture Advisors IV, LLC, its general partner

By: /s/ Clay B. Thorp Manager

HATTERAS NC FUND, LP

By: Hatteras Venture Advisors IV, LLC, its general partner

By: <u>/s/ Clay B. Thorp</u> Manager

John C. Crumpler

Robert A. Ingram

Kenneth B. Lee

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*
Clay B. Thorp

*
Douglas Reed

By: /s/ Clay B. Thorp
Clay B. Thorp, as Attorney-in-Fact

This Amendment No. 1 to Schedule 13D was executed by Clay B. Thorp on behalf of the individuals listed above pursuant to a Power of Attorney a copy of which was previously filed with the Reporting Person's Schedule 13D filed with the SEC on June 17, 2016.