

OMB APPROVAL	
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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>EVNIN LUKE</u> (Last) (First) (Middle) C/O HARPOON THERAPEUTICS, INC. 4000 SHORELINE COURT, SUITE 250 (Street) SOUTH SAN FRANCISCO CA 94080 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 02/07/2019	3. Issuer Name and Ticker or Trading Symbol <u>Harpoon Therapeutics, Inc. [HARP]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	322,063	I	See Footnote ⁽¹⁾⁽²⁾

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Preferred Stock	(3)	(3)	Common Stock	1,525,164	0.00 ⁽³⁾	I	See Footnote ⁽²⁾⁽⁴⁾
Series B Preferred Stock	(3)	(3)	Common Stock	1,578,751	0.00 ⁽³⁾	I	See Footnote ⁽²⁾⁽⁵⁾
Series C Preferred Stock	(3)	(3)	Common Stock	417,852	0.00 ⁽³⁾	I	See Footnote ⁽²⁾⁽⁶⁾
Common Stock Warrant (Right to Buy)	03/24/2015	03/24/2025	Common Stock	25,418	0.0492	I	See Footnote ⁽²⁾⁽⁷⁾
Common Stock Warrant (Right to Buy)	07/23/2015	07/23/2025	Common Stock	57,192	0.0492	I	See Footnote ⁽²⁾⁽⁸⁾
Common Stock Warrant (Right to Buy)	08/19/2015	08/19/2025	Common Stock	171,579	0.0492	I	See Footnote ⁽²⁾⁽⁹⁾
Common Stock Warrant (Right to Buy)	12/16/2015	12/14/2025	Common Stock	50,837	0.0492	I	See Footnote ⁽²⁾⁽¹⁰⁾
Common Stock Warrant (Right to Buy)	11/01/2016	11/01/2026	Common Stock	76,256	0.0492	I	See Footnote ⁽²⁾⁽¹¹⁾
Common Stock Warrant (Right to Buy)	01/10/2017	01/10/2027	Common Stock	50,837	0.0492	I	See Footnote ⁽²⁾⁽¹²⁾
Director Stock Option (Right to Buy)	(13)	12/19/2028	Common Stock	20,335	2.12	D	

Explanation of Responses:

- The shares are held by MPM Asset Management LLC ("AM LLC"). Luke Evnin is a member of AM LLC. The Reporting Person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.
- The Reporting Person disclaims beneficial ownership of the securities except to the extent of his pecuniary interest therein.
- All series of convertible preferred stock will automatically convert into the number of shares of the Issuer's common stock on a 1-for-1 basis, for no additional consideration, immediately prior to the closing of the Issuer's initial public offering and have no expiration date.
- The shares are held as follows: 1,382,777 by MPM BioVentures 2014, L.P. ("BV 2014"), 92,229 by MPM BioVentures 2014(B), L.P. ("BV 2014(B)") and 50,158 by MPM Asset Management Investors BV2014 LLC ("AM BV2014"). MPM BioVentures 2014 GP LLC and MPM BioVentures 2014 LLC ("BV LLC") are the direct and indirect general partners of BV 2014 and BV 2014(B). Luke Evnin is a member of BV LLC.
- The shares are held as follows: 1,431,365 by BV 2014, 95,467 by BV 2014(B) and 51,919 by AM BV2014.
- The shares are held as follows: 378,843 by BV 2014, 25,268 by BV 2014(B) and 13,741 by AM BV2014.
- The warrants are held as follows: 23,046 by BV 2014, 1,537 by BV 2014(B) and 835 by AM BV2014.
- The warrants are held as follows: 51,854 by BV 2014, 3,458 by BV 2014(B) and 1,880 by AM BV2014.
- The warrants are held as follows: 155,562 by BV 2014, 10,375 by BV 2014(B) and 5,642 by AM BV2014.
- The warrants are held as follows: 46,092 by BV 2014, 3,074 by BV 2014(B) and 1,671 by AM BV2014.

11. The warrants are held as follows: 69,138 by BV 2014, 4,611 by BV 2014(B) and 2,507 by AM BV2014.

12. The warrants are held as follows: 46,092 by BV 2014, 3,074 by BV 2014(B) and 1,671 by AM BV2014.

13. The stock option vests in three annual installments starting on December 19, 2019, until such time as the option is 100% vested, subject to the continuing service of the Reporting Person on each vesting date.

Remarks:

[/s/ Luke Evnin by Winston Macaraeg, Attorney-in-Fact](#) [02/07/2019](#)

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 5 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS that the undersigned hereby constitutes and appoints each of Georgia Erbez, Christopher Whitmore, Laura Berezin and Winston Macaraeg, signing individually, the undersigned's true and lawful attorneys-in-fact and agents to:

1. execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or more than 10% stockholder of Harpoon Therapeutics, Inc. (the "Company"), Forms 3, 4 and 5 in accordance with Section 16(a) of the Securities Exchange Act of 1934 and the rules thereunder;

2. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Forms 3, 4 or 5, complete and execute any amendment or amendments thereto, and timely file such form with the U.S. Securities and Exchange Commission and any stock exchange or similar authority; and

3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, (b) revocation by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact or (c) as to any attorney-in-fact individually, until such attorney-in-fact is no longer employed by the Company or Cooley LLP.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 18 day of January, 2019.

/s/ Luke Evnin
Luke Evnin