ADVANCED PHOTONIX INC Form SC 13G June 16, 2014
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549
SCHEDULE 13G
(Rule 13d-102)
INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT
TO RULES 13d-1(b) (c) AND (d) AND AMENDMENTS THERETO FILED
PURSUANT TO RULE 13d-2(b)
(Amendment No.)
Advanced Photonix, Inc.
(Name of Issuer)
Class A Common Stock, \$0.001 par value
(Title of Class of Securities)
00754E107
(CUSIP Number)

June 12, 2014

g		
(Date of Event Which Requires Filing of this Statement)		
Check the appropriate box to designate the rule pursuant to which t	this	Schedule is filed:
	[_]	Rule 13d-1(b)
1	[X]	Rule 13d-1(c)
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· · · · · · · · · · · · · · · · · · ·	L_J	Rule 13d-1(d)

NAME OF REPORTING **PERSONS** I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) 1 Riley Investment Partners, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) [_] (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 Delaware NUMBER OF **SOLE VOTING POWER SHARES** 5 BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH - 0 -SHARED VOTING POWER 6 235,850 SOLE DISPOSITIVE POWER 7 - () -SHARED DISPOSITIVE POWER 8 J35,850

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

10	J35,850 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11	
	0.6% TYPE OF REPORTING PERSON*
12	
2	PN

NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS (ENTITIES** 1 ONLY) Riley Investment Management, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) [_] (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 Delaware SOLE VOTING POWER NUMBER OF **SHARES** 5 BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH - 0 -SHARED VOTING POWER 6 J35,850 SOLE DISPOSITIVE POWER 7 - 0 -SHARED DISPOSITIVE POWER 8 J35,850 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY **EACH REPORTING PERSON**

	235,850
	CHECK BOX IF THE
10	AGGREGATE AMOUNT IN ROW
10	(9) EXCLUDES CERTAIN
	SHARES* [_]
	PERCENT OF CLASS
	REPRESENTED BY AMOUNT IN
	ROW (9)
11	
	0.6%
	TYPE OF REPORTING PERSON*
12	
	IA
3	

NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS (ENTITIES** 1 ONLY) B. Riley & Co., LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) 2 $[_]$ (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 Delaware NUMBER OF **SOLE VOTING POWER SHARES** 5 BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH - 0 -SHARED VOTING POWER 6 839,272 SOLE DISPOSITIVE POWER 7 - 0 -SHARED DISPOSITIVE POWER 8 839,272 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY **EACH REPORTING PERSON**

	839,272 CHECK BOX IF THE
10	AGGREGATE AMOUNT IN ROW
	(9) EXCLUDES CERTAIN SHARES* [_]
	PERCENT OF CLASS
	REPRESENTED BY AMOUNT IN
	ROW (9)
11	
	2.2%
	TYPE OF REPORTING PERSON *
12	
	BD
4	טט

NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS (ENTITIES** 1 ONLY) B. Riley & Co., LLC 401(K) Profit Sharing Plan CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) [_] (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 Delaware **SOLE VOTING POWER** NUMBER OF **SHARES** 5 BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH - 0 -SHARED VOTING POWER 6 218,259 SOLE DISPOSITIVE POWER 7 - 0 -SHARED DISPOSITIVE POWER 8 218,259 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY

EACH REPORTING PERSON

10 11	218,259 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
	0.6% TYPE OF REPORTING PERSON*
12	EP

NAME OF REPORTING **PERSONS** I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES 1 ONLY) Robert Antin Children Irrevocable Trust Dtd 1/1/01 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) [_] (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 California **SOLE VOTING POWER** NUMBER OF 5 **SHARES** BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH - 0 -SHARED VOTING POWER 6 330,190 SOLE DISPOSITIVE POWER 7 - 0 -SHARED DISPOSITIVE POWER 8 330,190

9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
10	330,190 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [_] PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11	
	0.9% TYPE OF REPORTING PERSON*
12	00

NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS (ENTITIES** 1 ONLY) B. Riley Asset Management, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) [_] (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 Delaware SOLE VOTING POWER NUMBER OF **SHARES** 5 BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH - 0 -SHARED VOTING POWER 6 116,370 SOLE DISPOSITIVE POWER 7 - 0 -SHARED DISPOSITIVE POWER 8 116,370 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY **EACH REPORTING PERSON**

10	116,370 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* [_] PERCENT OF CLASS
11	REPRESENTED BY AMOUNT IN ROW (9)
	0.3% TYPE OF REPORTING PERSON*
12	IA

NAME OF REPORTING **PERSONS** I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES 1 ONLY) Bryant R. Riley CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) [_] (b) [X] SEC USE ONLY 3 CITIZENSHIP OR PLACE OF **ORGANIZATION** 4 **United States** NUMBER OF **SOLE VOTING POWER SHARES** 5 BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH 405,660 SHARED VOTING POWER 6 1,739,941 SOLE DISPOSITIVE POWER 7 405,660 SHARED DISPOSITIVE POWER 8 1,739,941 9

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,145,601
CHECK BOX IF THE
AGGREGATE AMOUNT IN ROW
(9) EXCLUDES CERTAIN
SHARES* [_]
PERCENT OF CLASS
REPRESENTED BY AMOUNT IN
ROW (9)

11

5.7%
TYPE OF REPORTING PERSON*

Item 1(a). Name of Issuer:
Advanced Photonix, Inc., a Delaware corporation (the "Issuer").
Item 1(b). Address of Issuer's Principal Executive Offices:
2925 Boardwalk Ann Arbor, MI 48104
Item 2(a). Name of Person Filing:
Riley Investment Partners, L.P., a Delaware limited partnership ("RIP")
Riley Investment Management, LLC, a Delaware limited liability company ("RIM")
B. Riley & Co., LLC, a Delaware limited liability company ("BRC")
B. Riley & Co., LLC 401(K) Profit Sharing Plan ("BRC Profit Sharing")
Robert Antin Children Irrevocable Trust Dtd 1/1/01 ("Robert Antin Children Trust")
B. Riley Asset Management, LLC, a Delaware limited liability company ("BRAM")

Each of the foregoing is referred to as a "Reporting Person" and collectively as the "Reporting Persons."

Item 2(b). Address of Principal Business Office or, if None, Residence:

Bryant R. Riley ("Mr. Riley")

The principal business address of each of RIP, RIM, BRC, BRC Profit Sharing, Robert Antin Children Trust, BRAM and Mr. Riley is:

11100 Santa Monica Blvd. Suite 800
Los Angeles, CA 90025
Item 2(c). Citizenship:
The citizenship of each of RIP, RIM, BRC, BRC Profit Sharing and BRAM is Delaware.
The citizenship of Robert Antin Children Trust is California.
The citizenship of Mr. Riley is the United States.
Item 2(d). Title of Class of Securities:
Class A Common Stock, par value \$0.001 (the "Common Stock")
Item 2(e). CUSIP Number:
00754E107
Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:
[X] Not applicable.
(a) [_] Broker or dealer registered under Section 15 of the Exchange Act.
(b) [_] Bank as defined in Section 3(a)(6) of the Exchange Act.

	(a)	Amount beneficially owned:
Item 4. Ownership		
_	cordance with Rule 240.13d-1(b)(1 i)(J), please specify the type of inst)(ii)(K). If filing as a non-U.S. institution in accordance with itution:
(j) [_] Group, in acco	ordance with Rule 13d-1(b)(1)(ii)(.	J).
(i) [_] A church plan Investment Company A		on of an investment company under Section 3(c)(14) of the
(h) [_] A savings ass	sociation as defined in Section 3(b)	of the Federal Deposit Insurance Act.
(g) [_] A parent hold	ding company or control person in	accordance with Rule 13d-1(b)(1)(ii)(G).
(f) [_] An employee	benefit plan or endowment fund in	accordance with Rule 13d-1(b)(1)(ii)(F).
(e) [_] An investmen	nt adviser in accordance with Rule	13d-1(b)(1)(ii)(E).
(d) [_] Investment co	ompany registered under Section 8	of the Investment Company Act.
(c) [_] Insurance cor	mpany as defined in Section 3(a)(1	9) of the Exchange Act.

As of the close of business on June 16, 2014, RIP beneficially owned 235,850 shares of Common Stock. RIM, as the investment advisor and general partner of RIP, may be deemed to beneficially own the 235,850 shares of Common Stock directly owned by RIP. Mr. Riley, as the Managing Member of RIP, may be deemed to beneficially own the

235,850 shares of Common Stock directly owned by RIP.

As of the close of business on June 16, 2014, BRC beneficially owned 839,272 shares of Common Stock. Mr. Riley, as the Chairman of BRC, may be deemed to beneficially own the 839,272 shares of Common Stock directly owned by BRC.

As of the close of business on June 16, 2014, BRC Profit Sharing Plan beneficially owned 218,259 shares of Common Stock. Mr. Riley, as Trustee of the BRC Profit Sharing Plan, controls the voting and investment decisions. Accordingly, Mr. Riley may be deemed to have beneficial ownership of the 218,259 shares held by the BRC Profit Sharing Plan.

As of the close of business on June 16, 2014, Robert Antin Children Trust beneficially owned 330,190 shares of Common Stock. Mr. Riley, as Trustee of Robert Antin Children Trust, controls the voting and investment decisions. Accordingly, Mr. Riley may be deemed to have beneficial ownership of the 330,190 shares held by Robert Antin Children Trust.

As of the close of business on June 16, 2014, BRAM beneficially owned 116,370 shares of Common Stock. BRAM, in its capacity as investment manager to the B. Riley Diversified Equity Fund (a "mutual fund"), may be deemed to beneficially own the 116,370 shares of Common Stock directly owned by the mutual fund. Mr. Riley, as Managing Member of BRAM, may be deemed to beneficially own the 116,370 shares of Common Stock directly owned by the mutual fund.

As of the close of business on June 16, 2014, Mr. Riley beneficially owned jointly with his wife 405,660 shares of Common Stock. By virtue of his relationships with RIP, BRC, BRC Profit Sharing Plan, Robert Antin Children Trust, and BRAM discussed above, Mr. Riley may also be deemed to beneficially own the 235,850 shares of Common Stock beneficially owned by RIP, the 839,272 shares of Common Stock beneficially owned by BRC, the 218,259 shares of Common Stock beneficially owned by BRC Profit Sharing Plan, the 330,190 shares of Common Stock beneficially owned by Robert Antin Children Trust, and the 116,370 shares of Common Stock beneficially owned by BRAM.

The foregoing should not be construed as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. Each of the Reporting Persons disclaims beneficial ownership of the shares of Common Stock that are not directly owned by such Reporting Person, except to the extent of their pecuniary interest therein.

(b) Percent of class:

The aggregate percentage of Shares reported owned by each Reporting Person is based upon 37,403,213 shares of Common Stock outstanding, which has been calculated based on 31,203,213, the total number of shares outstanding as reported in the Issuer's Prospectus Supplement filed with the Securities and Exchange Commission on May 30, 2014 plus an additional 5,391,304 shares from the follow-on public offering as indicated in the Issuer's Form 8-K/A filed with the Securities and Exchange Commission on June 13, 2014 plus an additional 808,696 shares from the exercise of overallotment option by the underwriter on June 12, 2014.

As of the close of business on June 16, 2014, RIP directly owned approximately 0.6% of the outstanding shares of Common Stock. By virtue of their relationships described above in Item 4(a), each of RIM and Mr. Riley may be deemed to beneficially own approximately 0.6% of the outstanding shares of Common Stock, which are directly owned by RIP.

As of the close of business on June 16, 2014, BRC directly owned approximately 2.1% of the outstanding shares of Common Stock. By virtue of his relationship described above in Item 4(a), Mr. Riley may be deemed to beneficially own approximately 2.1% of the outstanding shares of Common Stock, which are directly owned by BRC.

As of the close of business on June 16, 2014, BRC Profit Sharing Plan directly owned approximately 0.6% of the outstanding shares of Common Stock. By virtue of his relationship described above in Item 4(a), Mr. Riley may be deemed to beneficially own approximately 0.6% of the outstanding shares of Common Stock, which are directly owned by BRC Profit Sharing Plan.

As of the close of business on June 16, 2014, Robert Antin Children Trust directly owned approximately 0.9% of the outstanding shares of Common Stock. By virtue of his relationship described above in Item 4(a), Mr. Riley may be deemed to beneficially own approximately 0.9% of the outstanding shares of Common Stock, which are directly owned by Robert Antin Children Trust.

As of the close of business on June 16, 2014, BRAM directly owned approximately 0.3% of the outstanding shares of Common Stock. By virtue of their relationships described above in Item 4(a), Mr. Riley may be deemed to beneficially own approximately 0.3% of the outstanding shares of Common Stock, which are directly owned by the mutual fund.

As of the close of business on June 16, 2014, Mr. Riley directly owned jointly with his wife approximately 1.1% of the outstanding shares of Common Stock. By virtue of his relationships with RIP, BRC, BRC Profit Sharing Plan, Robert Antin Children Trust, and BRAM discussed above, Mr. Riley may also be deemed to beneficially own the approximately 0.6% of the outstanding shares of Common Stock beneficially owned by RIP, approximately 2.2% of the outstanding shares of Common Stock beneficially owned by BRC, approximately 0.6% of the outstanding shares of Common Stock beneficially owned by BRC Profit Sharing Plan, approximately 0.9% of the outstanding shares of Common Stock beneficially owned by Robert Antin Children Trust, and approximately 0.3% of the outstanding shares of Common Stock beneficially owned by BRAM.

(c)	Number of shares as to which such person has:
(i)	Sole power to vote or to direct the vote
See Cover Pages Items 5-9.	
(ii)	Shared power to vote or to direct the vote
See Cover Pages Items 5-9.	
(iii)	Sole power to dispose or to direct the disposition of
See Cover Pages Items 5-9.	

	(iv)	Shared power to dispose or to direct the disposition of
See Cover P	Pages Items 5-9.	
Item 5. Ow	vnership of Five Pe	ercent or Less of a Class.
Not Applica	ble.	
Item 6. Ow	vnership of More t	han Five Percent on Behalf of Another Person.
Not Applica	ble.	
		assification of the Subsidiary That Acquired the Security Being Reported on by or Control Person.
Not Applica	ble.	
12		

Item 8. Identification and Classification of Members of the Group.
Not Applicable.
Item 9. Notice of Dissolution of Group.
Not Applicable.
Item 10. Certifications.
By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.
13

SIGNATURE

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: June 16, 2014 RILEY INVESTMENT PARTNERS, L.P.

By: Riley Investment Management, LLC,

its General Partner

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Managing Member

RILEY INVESTMENT MANAGEMENT, LLC

By: /s/ Bryant R. Riley Name: Bryant R. Riley Title: Managing Member

B. RILEY & CO., LLC

By: /s/ Bryant R. Riley Name: Bryant R. Riley Title: Chairman

B. RILEY & CO., LLC 401(K) PROFIT SHARING PLAN

By: /s/ Bryant R. Riley Name: Bryant R. Riley

Title: Trustee

ROBERT ANTIN CHILDREN IRREVOCABLE TRUST DTD 1/1/01

By: /s/ Bryant R. Riley Name: Bryant R. Riley

Title: Trustee

B. RILEY ASSET MANAGEMENT, LLC

By: /s/ Bryant R. Riley
Name: Bryant R. Riley
Title: Managing Member

BRYANT RILEY

By: <u>/s/ Bryant R. Riley</u> Name: Bryant R. Riley