The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM D

Notice of Exempt Offering of Securities

OMB APPROVAL OMB 3235-Number: 0076 Estimated average burden hours per 4.00 response: 4.00

1. Issuer's Identity

CIK (Filer ID Nu	mber) Previous Names	None	Entity Type	
0000879407		VE GROUP INC	X Corporation	
Name of Issuer INTERACTIVE IN			Limited Partnership	
ARROWHEAD RESEARC			Limited Liability Company	
Jurisdiction o	of		General Partnership	
Incorporation/Organ	nization		Business Trust	
DELAWARE			Other (Specify)	
-	tion/Organization			
X Over Five Years Ago				
Within Last Five Years (S	Specify Year)			
Yet to Be Formed				
2. Principal Place of Busines	s and Contact Information			
Name	of Issuer			
ARROWHEAD RESEARC	H CORP			
Street A	Address 1	S	Street Address 2	
225 South Lake Avenue		Suite 1050		
City	State/Province/Country	ZIP/PostalCod	le Phone Number of Issuer	
Pasadena	CALIFORNIA	91101	626-304-3400	
3. Related Persons				
Last Name	Firs	t Name	Middle Name	
Anzalone	Christopher			
Street Address 1	Street .	Address 2		
225 South Lake Avenue	Suite 1050			
City	State/Prov	ince/Country	ZIP/PostalCode	
Pasadena	CALIFORNIA	91	1101	
Relationship: X Executive	Officer X Director Promote	er		
Clarification of Response (if	Necessary):			
Last Name	Firs	t Name	Middle Name	
Frykman	Edward			
Street Address 1	Street .	Address 2		
225 South Lake Avenue	Suite1050			
City	State/Prov	ince/Country	ZIP/PostalCode	
Pasadena	CALIFORNIA	91	1101	
Delationshine Executive (Officer V Director Dromote	*		

Relationship: Executive Officer X Director Promoter

Clarification of Response (if Necessary):

Last Name	First Name	Middle Name
McKenney	Charles	
Street Address 1	Street Address 2	
225 South Lake Avenue	Suite 1050	
City	State/Province/Country	ZIP/PostalCode
Pasadena	CALIFORNIA	91101
Relationship: Executive Office	r X Director Promoter	
Clarification of Response (if Nece	ssary):	
Last Name	First Name	Middle Name
Myszkowski	Kenneth	А.
Street Address 1	Street Address 2	
225 South Lake Avenue	Suite 1050	
City	State/Province/Country	ZIP/PostalCode
Pasadena	CALIFORNIA	91101
Relationship: X Executive Office	er Director Promoter	
Clarification of Response (if Nece	ssary):	
Last Name	First Name	Middle Name
Ferrari	Mauro	
Street Address 1	Street Address 2	
225 South Lake Avenue	Suite 1050	
City	State/Province/Country	ZIP/PostalCode
Pasadena	CALIFORNIA	91101
Relationship: Executive Office	r X Director Promoter	
Clarification of Response (if Nece Last Name	ssary): First Name	Middle Name
Given	Douglass	
Street Address 1	Street Address 2	
225 South Lake Avenue	Suite 1050	
City	State/Province/Country	ZIP/PostalCode
Pasadena	CALIFORNIA	91101
Relationship: Executive Office	r X Director Promoter	
Clarification of Response (if Nece	ssary):	
Last Name	First Name	Middle Name
Perry	Michael	S.
Street Address 1	Street Address 2	
225 South Lake Avenue	Suite 1050	
City	State/Province/Country	ZIP/PostalCode
Pasadena	CALIFORNIA	91101
Relationship: Executive Office	r X Director Promoter	
Clarification of Response (if Nece	ssary):	
Last Name	First Name	Middle Name
Given	Bruce	
Street Address 1	Street Address 2	
225 South Lake Avenue	Suite 1050	
City	State/Province/Country	ZIP/PostalCode
Pasadena	CALIFORNIA	91101

Relationship: X Executive Officer Director Promoter

Clarification of Response (if Necessary):

4. Industry Group

Agriculture		Health Care	Retailing
Banking & Financial Services		X Biotechnology	Restaurants
Commercial Bank Insurance	king	Health Insurance	Technology
Investing		Hospitals & Physicians	Computers
Investment Banki	ng	Pharmaceuticals	Telecommunications
Pooled Investmen	it Fund	Other Health Care	Other Technology
Is the issuer regist		Manufacturing	Travel
an investment cor the Investment Co		Real Estate	Airlines & Airports
Act of 1940?	Jinpany	Commercial	Lodging & Conventions
Yes	No	Construction	Tourism & Travel Services
Other Banking &	Financial Services	REITS & Finance	Other Travel
Business Services		Residential	Other
Energy		Other Real Estate	
Coal Mining			
Electric Utilities			
Energy Conservat	tion		
Environmental Se	ervices		
Oil & Gas			

5. Issuer Size

Other Energy

Revenue Range	OR	Aggregate Net Asset Value Range
No Revenues		No Aggregate Net Asset Value
X \$1 - \$1,000,000		\$1 - \$5,000,000
\$1,000,001 - \$5,000,000		\$5,000,001 - \$25,000,000
\$5,000,001 - \$25,000,000		\$25,000,001 - \$50,000,000
\$25,000,001 - \$100,000,000		\$50,000,001 - \$100,000,000
Over \$100,000,000		Over \$100,000,000
Decline to Disclose		Decline to Disclose
Not Applicable		Not Applicable

6. Federal Exemption(s) and Exclusion(s) Claimed (select all that apply)

	Investment Company Act Section 3(c)		
Rule 504(b)(1) (not (i), (ii) or (iii))	Section $3(c)(1)$	Section $3(c)(9)$	
Rule 504 (b)(1)(i)	Section $3(c)(2)$	Section $3(c)(10)$	
Rule 504 (b)(1)(ii) $P_{i} = 504 (b)(1)(iii)$	Section $3(c)(3)$	Section 3(c)(11)	
Rule 504 (b)(1)(iii)			
Rule 505 X Rule 506(b)	Section $3(c)(4)$	Section $3(c)(12)$	
Rule 506(c)	Section $3(c)(5)$	Section $3(c)(13)$	
Securities Act Section 4(a)(5)	Section 3(c)(6)	Section 3(c)(14)	
	Section $3(c)(7)$		

7. Type of Filing		
X New Notice Date of First Sale 2013-10-11 First Sale Amendment	Yet to Occur	
8. Duration of Offering		
Does the Issuer intend this offering to last more than one ye	ear? Yes X No	
9. Type(s) of Securities Offered (select all that apply)		
X Equity Debt Option, Warrant or Other Right to Acquire Another Secu Security to be Acquired Upon Exercise of Option, Warra Other Right to Acquire Security		
10. Business Combination Transaction		
Is this offering being made in connection with a business co a merger, acquisition or exchange offer?	ombination transaction, such as Yes X No	
Clarification of Response (if Necessary):		
11. Minimum Investment		
Minimum investment accepted from any outside investor \$	3,000,000 USD	
12. Sales Compensation		
Recipient	Recipient CRD Number None	
Jonathan Fassberg	2445289	
(Associated) Broker or Dealer None	(Associated) Broker or Dealer CRD Number No	one
Trout Capital LLC	131489	
Street Address 1	Street Address 2	
740 Broadway, 9th Floor		
City New York	State/Province/Country NEW YORK	ZIP/Postal Code 10003
State(a) of Solicitation (coloct all that apply)	X Foreign/non-US	10005
Recipient	Recipient CRD Number None	
Jefferies LLC	2347	
(Associated) Broker or Dealer None	(Associated) Broker or Dealer CRD Number No.	one
Jefferies LLC	2347	
Street Address 1	Street Address 2	
520 Madison Avenue		
City New York	State/Province/Country	ZIP/Postal Code
New York	NEW YORK	10022
State(s) of Solicitation (select all that apply) V All States	V Familan / Jacob LIC	

State(s) of Solicitation (select all that apply) Check "All States" or check individual States X Foreign/non-US

Recipient Piper Jaffray & Co. (Associated) Broker or Dealer None Piper Jaffray & Co. Street Address 1 Recipient CRD Number None 665 (Associated) Broker or Dealer CRD Number None 665

Street Address 2

13. Offering and Sales Amounts

Total Offering Amount	\$64,000,000 USD or	Indefinite
Total Amount Sold	\$64,000,000 USD	
Total Remaining to be Sold	\$0 USD or	Indefinite

Clarification of Response (if Necessary):

14. Investors

Select if securities in the offering have been or may be sold to persons who do not qualify as accredited investors, and enter the number of such non-accredited investors who already have invested in the offering. Regardless of whether securities in the offering have been or may be sold to persons who do not qualify as accredited investors, enter the total number of investors who already have invested in the offering:



15. Sales Commissions & Finder's Fees Expenses

Provide separately the amounts of sales commissions and finders fees expenses, if any. If the amount of an expenditure is not known, provide an estimate and check the box next to the amount.

Sales Commissions	\$3,840,000 USD	Estimate
Finders' Fees	\$0 USD	Estimate

Clarification of Response (if Necessary):

16. Use of Proceeds

Provide the amount of the gross proceeds of the offering that has been or is proposed to be used for payments to any of the persons required to be named as executive officers, directors or promoters in response to Item 3 above. If the amount is unknown, provide an estimate and check the box next to the amount.

\$0 USD Estimate

Clarification of Response (if Necessary):

Funding of the Company's operations

Signature and Submission

Please verify the information you have entered and review the Terms of Submission below before signing and clicking SUBMIT below to file this notice.

Terms of Submission

In submitting this notice, each issuer named above is:

- Notifying the SEC and/or each State in which this notice is filed of the offering of securities described and undertaking to furnish them, upon written request, in the accordance with applicable law, the information furnished to offerees.*
- Irrevocably appointing each of the Secretary of the SEC and, the Securities Administrator or other legally designated officer of the State in which the issuer maintains its principal place of business and any State in which this notice is filed, as its agents for service of process, and agreeing that these persons may accept service on its behalf, of any notice, process or pleading, and further agreeing that such service may be made by registered or certified mail, in any Federal or state action, administrative proceeding, or arbitration brought against the issuer in any place subject to the jurisdiction of the United States, if the action, proceeding or arbitration (a) arises out of any activity in connection with the offering of securities that is the subject of this notice, and (b) is founded, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these statutes, or (ii) the laws of the State in which the issuer maintains its principal place of business or any State in which this notice is filed.

• Certifying that, if the issuer is claiming a Regulation D exemption for the offering, the issuer is not disqualified from relying on Regulation D for one of the reasons stated in Rule 505(b)(2)(iii) or Rule 506(d).

Each Issuer identified above has read this notice, knows the contents to be true, and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

For signature, type in the signer's name or other letters or characters adopted or authorized as the signer's signature.

Issuer Signature		Name of Signer	Title	Date
ARROWHEAD RESEARCH CORP	Kenneth A. Myszkowski	Kenneth A. Myszkowski	Chief Financial Officer	2013-10-21

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.

* This undertaking does not affect any limits Section 102(a) of the National Securities Markets Improvement Act of 1996 ("NSMIA") [Pub. L. No. 104-290, 110 Stat. 3416 (Oct. 11, 1996)] imposes on the ability of States to require information. As a result, if the securities that are the subject of this Form D are "covered securities" for purposes of NSMIA, whether in all instances or due to the nature of the offering that is the subject of this Form D, States cannot routinely require offering materials under this undertaking or otherwise and can require offering materials only to the extent NSMIA permits them to do so under NSMIA's preservation of their anti-fraud authority.