NIERENBERG DAVID Form SC 13D/A July 12, 2004

> Securities and Exchange Commission Washington, D.C. 20549 Schedule 13D

Under the Securities Exchange Act of 1934

(Amendment No. 1) *

AmNet Mortgage, Inc. (Name of Issuer)

Common

(Title of Class of Securities)

02926T103 (CUSIP Number)

David Nierenberg The D3 Family Funds 19605 NE 8th Street Camas, WA 98607 360-604-8600

Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications

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 ss. 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSON		
	The D3 Family Fund, L.P. (David Nierenberg is president of Partner, which is Nierenberg Investment Management Company		al
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) X (b) _	
3	SEC USE ONLY		
4	SOURCE OF FUNDS*		
	WC		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)	_	

6	CITIZENSH	HIP OR PLACE OF ORGANIZATION	
	Washington	n	
		7 SOLE VOTING POWER	
	HARES FICIALLY NED BY EACH	924,002 common shares (12.6%)	
		8 SHARED VOTING POWER	
BENE		0	
		9 SOLE DISPOSITIVE POWER	
	PORTING PERSON	924,002	
	WITH	10 SHARED DISPOSITIVE POWER	
		0	
11	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,371,200	shares (18.6%)	
12	CHECK BOX	X IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTA	IN SHARES* _
13	PERCENT O	F CLASS REPRESENTED BY AMOUNT IN ROW (11)	
	18.6%		
14 TYPE OF REPORTING PERSON*		REPORTING PERSON*	
	PN		
		*SEE INSTRUCTIONS BEFORE FILLING OUT!	
1		REPORTING PERSON T.R.S. IDENTIFICATION NOS. OF ABOVE PERSON	
		amily Retirement Fund, L.P. (David Nierenberg is pre Partner, which is Nierenberg Investment Management C	
2	CHECK THE	C APPROPRIATE BOX IF A MEMBER OF A GROUP*	(a) X (b) _
3	SEC USE O	ONLY	
 4	SOURCE OF		
_	WC	2 3	
	····		

5			ISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED EMS 2(d) OR 2(e)	1_1		
6	CITIZENSH	IP OR	PLACE OF ORGANIZATION			
	Washingto	n				
		7	SOLE VOTING POWER			
			286,986 common shares (3.9%)			
	UMBER OF	8	SHARED VOTING POWER			
BENI	SHARES EFICIALLY		0			
	WNED BY EACH	9	SOLE DISPOSITIVE POWER			
	EPORTING PERSON		286, 986			
	WITH	10	SHARED DISPOSITIVE POWER			
			0			
11	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSO)N		
	1,371,200 shares (18.6%)					
12	CHECK BOX	IF T	HE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERT	FAIN SHARES*	_	
13	PERCENT O	 F CLA	SS REPRESENTED BY AMOUNT IN ROW (11)			
	18.6%					
14	TYPE OF R	EPORT	ING PERSON*			
	PN					
			*SEE INSTRUCTIONS BEFORE FILLING OUT!			
1			ING PERSON IDENTIFICATION NOS. OF ABOVE PERSON			
			n's Fund, L.P. (David Nierenberg is president is Nierenberg Investment Management Company.		al	
2	CHECK THE	APPR	OPRIATE BOX IF A MEMBER OF A GROUP*	(a) V		
				(a) X (b) _		
3	SEC USE O	NLY				
4	SOURCE OF	 FUND	S*			

	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _				
6	CITIZENSE	IIP O	R PLACE OF ORGANIZATION		
	Washingto	n			
		7	SOLE VOTING POWER		
			65,800 common shares (0.9%)		
	UMBER OF SHARES	8	SHARED VOTING POWER		
	EFICIALLY WNED BY		0 		
R1	EACH EPORTING	9	SOLE DISPOSITIVE POWER		
	PERSON WITH		65,800		
	WIII	10	SHARED DISPOSITIVE POWER		
			0		
11	AGGREGATE	AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,371,200) sha	res (18.6%)		
12	CHECK BOX	 K IF	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAI	 :N SHARES* _	
13	PERCENT C	F CL	ASS REPRESENTED BY AMOUNT IN ROW (11)		
	18.6%				
14	TYPE OF F	REPOR	TING PERSON*		
	PN				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
1			TING PERSON . IDENTIFICATION NOS. OF ABOVE PERSON		
			re Fund, L.P. (David Nierenberg is president of h is Nierenberg Investment Management Company.)	the General	
2	CHECK THE	APP		(a) X	
				(b) _ 	
3	SEC USE C	NLY			

4	SOURCE OF	FUN	DS*		
	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _				
6	CITIZENSH	 IP 0	R PLACE OF ORGANIZATION		
	Washingto	n			
		7	SOLE VOTING POWER		
			63,912 common shares (0.9%)		
		8	SHARED VOTING POWER		
BENE	SHARES EFICIALLY		0		
	NED BY EACH	9	SOLE DISPOSITIVE POWER		
	EPORTING PERSON		63,912		
	WITH	10	SHARED DISPOSITIVE POWER		
			0		
11	AGGREGATE	AMO	JNT BENEFICIALLY OWNED BY EACH REPORTING PERS	ON	
	1,371,200	sha	res (18.6%)		
12	CHECK BOX	IF '	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CER	TAIN SHARES* _	
13	PERCENT O	F CL	ASS REPRESENTED BY AMOUNT IN ROW (11)		
	18.6%				
14	TYPE OF R	EPOR'	FING PERSON*		
	PN				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		
1			TING PERSON . IDENTIFICATION NOS. OF ABOVE PERSON		
			Bulldog Fund, L.P. (David Nierenberg is preser, which is Nierenberg Investment Management		
2	CHECK THE	APP	ROPRIATE BOX IF A MEMBER OF A GROUP*	(a) X (b) _	

3	SEC USE ONLY				
4	SOURCE OF	FUNI	· >S*		
	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) _				
6	CITIZENSH	IP OF	R PLACE OF ORGANIZATION		
	Washingto	n			
		7	SOLE VOTING POWER		
			30,500 common shares (0.4 %)		
	UMBER OF	8	SHARED VOTING POWER		
BEN	SHARES EFICIALLY		0		
	WNED BY EACH	9	SOLE DISPOSITIVE POWER		
	EPORTING PERSON WITH		30,500		
	WIIH	10	SHARED DISPOSITIVE POWER		
			0		
11	AGGREGATE	JOMA	JNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,371,200	shaı	res (18.6%)		
12	CHECK BOX	IF 7	THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES*	1_1	
13	PERCENT O	F CLA	ASS REPRESENTED BY AMOUNT IN ROW (11)		
	18.6%				
14	TYPE OF R	EPORT	CING PERSON*		
	PN				
			*SEE INSTRUCTIONS BEFORE FILLING OUT!		

Items

Item 1. Security and Issuer.

Common Stock of AmNet Mortgage, Inc. 10421 Wateridge Circle, Suite 250, San Diego, CA 92121 $\,$

Item 2. Identity and Background.

The D3 Family Fund, L.P. is a Washington State limited partnership, whose principal business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration.

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction.

By virtue or our recent open market purchases of 30,500 shares of INV for one of our Limited Partnerships and the company's repurchase of 500,000 shares, our ownership stake has increased. We are, therefore, filing this notice of shareholdings.

Item 5. Interest in Securities of the Issuer.

- (a,b) D3 Family Fund owns and has sole voting power over 924,002 INV shares.
- (c) N/A
- (d) N/A
- (e) N/A
- Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits.

N/A

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.

July 10, 2004 /s/ DAVID NIERENBERG

Date David Nierenberg

President

Nierenberg Investment Management Company, Inc., the General Partner of The D3 Family Fund, L.P.

Items

Item 1. Security and Issuer.

Common Stock of AmNet Mortgage, Inc. 10421 Wateridge Circle, Suite 250, San Diego, CA 92121

Item 2. Identity and Background.

The D3 Family Retirement Fund, L.P. is a Washington State limited partnership, whose principal Business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration.

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction.

By virtue or our recent open market purchases of 30,500 shares of INV for one of our Limited Partnerships and the company's repurchase of 500,000 shares, our ownership stake has increased. We are, therefore, filing this notice of shareholdings.

- Item 5. Interest in Securities of the Issuer.
 - (a,b) The D3 Family Retirement Fund, L.P. owns and has sole voting power over 286,986 INV shares.
 - (c) N/A
 - (d) N/A
 - (e) N/A
- Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits.

N/A

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.

July 10, 2004 /s/ DAVID NIERENBERG

Date David Nierenberg

President

Nierenberg Investment Management Company, Inc., the

General Partner of The D3 Family Retirement Fund, L.P.

Items

Item 1. Security and Issuer.

Common Stock of AmNet Mortgage, Inc. 10421 Wateridge Circle, Suite 250, San Diego, CA 92121

Item 2. Identity and Background.

The D3 Children's Fund, L.P. is a Washington State limited partnership, whose principal business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration.

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction.

By virtue or our recent open market purchases of 30,500 shares of INV for one of our Limited Partnerships and the company's repurchase of 500,000 shares, our ownership stake has increased. We are, therefore, filing this notice of shareholdings.

Item 5. Interest in Securities of the Issuer.

- (a,b) D3 Children's Fund, L.P. owns and has sole voting power over 65,800 INV shares.
- (c) N/A
- (d) N/A
- (e) N/A

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits.

N/A

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.

July 10, 2004 /s/ DAVID NIERENBERG

Date David Nierenberg
President
Nierenberg Investment Management Company, Inc., the

General Partner of The D3 Children's Fund, L.P.

Item 1. Security and Issuer.

Common Stock of AmNet Mortgage, Inc. 10421 Wateridge Circle, Suite 250, San Diego, CA 92121

Items

Item 2. Identity and Background.

The D3 Offshore Fund, L.P. is a Washington State limited partnership, whose principal business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration.

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction.

By virtue or our recent open market purchases of 30,500 shares of INV for one of our Limited Partnerships and the company's repurchase of 500,000 shares, our ownership stake has increased. We are, therefore, filing this notice of shareholdings.

Item 5. Interest in Securities of the Issuer.

- (a,b) D3 Offshore Fund, L.P. owns and has sole voting power over 63,912 INV shares.
- (c) N/A
- (d) N/A
- (e) N/A

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits.

N/A

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.

July 10, 2004 /s/ DAVID NIERENBERG

Date David Nierenberg

President

Nierenberg Investment Management Company, Inc., the General Partner of The D3 Offshore Fund, L.P.

Items

Item 1. Security and Issuer.

Common Stock of AmNet Mortgage, Inc. 10421 Wateridge Circle, Suite 250, San Diego, CA 92121

Item 2. Identity and Background.

The D3 Family Bulldog Fund, L.P. is a Washington State limited

partnership, whose principal business is investing in the equities of public micro-cap issuers. Located at 19605 N.E. 8th St., Camas, Washington 98607. No convictions or administrative proceedings as described in 2 (d) and (e).

Item 3. Source and Amount of Funds or Other Consideration.

Source of funds is money invested in the partnership by its partners.

Item 4. Purpose of Transaction.

By virtue or our recent open market purchases of 30,500 shares of INV for one of our Limited Partnerships and the company's repurchase of 500,000 shares, our ownership stake has increased. We are, therefore, filing this notice of shareholdings.

Item 5. Interest in Securities of the Issuer.

(a,b) D3 Family Bulldog Fund, L.P. owns and has sole voting power over $30,500 \; \text{INV} \; \text{shares}.$

(c)	Date	Shares Bought	Price
	5/17/04	2,000	\$ 7.65
	5/19/04	500	8.27
	5/24/04	8,800	8.79
	5/25/04	100	9.03
	5/26/04	7,000	8.90
	6/02/04	6,000	9.29
	6/03/04	3,800	9.30
	6/04/04	2,300	9.29

- (d) N/A
- (e) N/A

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

N/A

Item 7. Material to be Filed as Exhibits.

N/A

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.

July 10, 2004	/s/ DAVID NIERENBERG
Date	David Nierenberg President
	Nierenberg Investment Management Company, Inc., the General Partner of The D3 Family Bulldog Fund, L.P.