RADISYS CORP Form SC 13G February 13, 2009

SCHEDULE 13G

(Rule 13d-102)

Information to be Included in Statements Filed Pursuant to Rule 13d-1(b), (c) and (d) and Amendments Thereto Filed Pursuant to Rule 13d-2.

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

Under the Securities Exchange Act of 1934

(Amendment No. )\*

RadiSys Corporation (Name of Issuer)

Common Stock (Title of Class of Securities)

750459109 (CUSIP Number)

December 31, 2008 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[X] Rule 13d-1(b)
[ ] Rule 13d-1(c)
[ ] Rule 13d-1(d)

\* 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 the disclosures provided in a prior cover page.

The information required in 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).

CUSIP No. 750459109 13G

\_\_\_\_\_\_

1 NAME OF REPORTING PERSON

Artisan Partners Limited Partnership

\_\_\_\_\_\_

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see Instructions)

(a) [ ]

Not Applicable (b) []

3	SEC USE ON	LY		
4	CITIZENSHI Delaware	P OR	PLACE OF ORGANIZATION	
		5	SOLE VOTING POWER	
			None	
	UMBER OF SHARES	6	SHARED VOTING POWER	
BENEFICIALLY OWNED BY			1,718,400	
RI	EACH REPORTING		SOLE DISPOSITIVE POWER	
PERSON WITH			None	
		8	SHARED DISPOSITIVE POWER	
			1,872,600	
9	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	1,872,600			
10			HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE	is
	(see Instr			]
	Not Applic	able		
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)	
	8.2%			
12	TYPE OF RE			
	IA			
			Page 2 of 14	
CUS:	IP No. 75045	9109	13G 	
1	NAME OF RE	PORT	ING PERSON	
	Artisan In	vest	ment Corporation	
2	CHECK THE (see Instr		OPRIATE BOX IF A MEMBER OF A GROUP ons)	
	Not Applic	able		(a) [ (b) [
3	SEC USE ON	LY		
4	 CITIZENSHI	P OR	PLACE OF ORGANIZATION	

	Wisconsin			
		5 SOLE VOTING POWER		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		None		
		6 SHARED VOTING POWER		
		1,718,400		
		7 SOLE DISPOSITIVE POWER		
		None		
		8 SHARED DISPOSITIVE POWER		
		1,872,600		
9	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON		
	1,872,600			
10	CHECK BOX (see Instr	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ructions)		
	Not Applicable			
11	PERCENT OF	CLASS REPRESENTED BY AMOUNT IN ROW (9)		
	8.2%			
12	TYPE OF RE	EPORTING PERSON ructions)		
	CO			
		Page 3 of 14		
CUSI	IP No. 75045	59109 13G		
1	NAME OF RE	EPORTING PERSON		
	ZFIC, Inc.			
2	CHECK THE (see Inst	APPROPRIATE BOX IF A MEMBER OF A GROUP cuctions)		
	Not Applic	cable		[ ]
3	SEC USE ON	NLY		
4	CITIZENSH	IP OR PLACE OF ORGANIZATION		
	Wisconsin			
		5 SOLE VOTING POWER		

NII	IMDED OF		None			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		6	SHARED VOTING POWER			
			1,718,400			
		7	SOLE DISPOSITIVE POWER			
			None			
		8	SHARED DISPOSITIVE POWER			
			1,872,600			
9	AGGREGATE	AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	1,872,600					
10	CHECK BOX (see Inst)		HE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	3		
	Not Applic	cable			[ ]	
11	PERCENT OF	CLA	SS REPRESENTED BY AMOUNT IN ROW (9)			
	8.2%					
12	TYPE OF REPORTING PERSON (see Instructions)					
	CO					
			Page 4 of 14			
CUSI	IP No. 75045	59109	13G			
1	NAME OF RE	EPORT	ING PERSON			
	Andrew A.	Zieg				
2			OPRIATE BOX IF A MEMBER OF A GROUP			
	(see Insti				[ ]	
	Not Applio			(d) 	[]	
3	SEC USE ON					
4			PLACE OF ORGANIZATION			
	U.S.A.					
		5	SOLE VOTING POWER			
***	IMPED OF		None			
NUMBER OF SHARES BENEFICIALLY OWNED BY		6	SHARED VOTING POWER			
			1,718,400			

	FACU					
EACH REPORTING		7 SOLE DISPOSITIVE POWER		_		
PERSON WITH		None				
				-		
		8 SHARED DISPOSITIVE POWER				
		1,872,600		_		
9	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	1,872,600					
10	CHECK BOX (see Inst	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ructions)		1		
	Not Applicable [ ]					
11	PERCENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)		-		
	8.2%			_		
12	TYPE OF RE	EPORTING PERSON ructions)				
	IN					
				_		
		Page 5 of 14				
CUS	IP No. 75045	59109 13G				
1	NAME OF RE	EPORTING PERSON		_		
	Carlene M.	. Ziegler				
2	CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP		_		
	(see Inst		a) [	1		
	Not Applia		b) [			
3	SEC USE ON	NLY		_		
		TD OD DIAGE OF ORGANIZATION		_		
4		IP OR PLACE OF ORGANIZATION				
	U.S.A.			_		
		5 SOLE VOTING POWER				
NII	IMPED OF	None				
		6 SHARED VOTING POWER		_		
OWNED BY		1,718,400				
	EACH EPORTING	7 SOLE DISPOSITIVE POWER		-		
PERSON WITH		None				
				-		

8 SHARED DISPOSITIVE POWER

1,872,600 \_\_\_\_\_\_ 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,872,600 \_\_\_\_\_ 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (see Instructions) [ ] Not Applicable \_\_\_\_\_\_ 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) \_\_\_\_\_\_ 12 TYPE OF REPORTING PERSON (see Instructions) IN Page 6 of 14 Item 1(a) Name of Issuer: RadiSys Corporation Item 1(b) Address of Issuer's Principal Executive Offices: 5445 NE Dawson Creek Drive Hillsboro, Oregon 97124 Item 2(a) Name of Person Filing: Artisan Partners Limited Partnership ("Artisan Partners") Artisan Investment Corporation, the general partner of Artisan Partners ("Artisan Corp.") ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC") Andrew A. Ziegler Carlene M. Ziegler Item 2(b) Address of Principal Business Office: Artisan Partners, Artisan Corp., ZFIC, Mr. Ziegler and Ms. Ziegler are all located at: 875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202 Item 2(c) Citizenship: Artisan Partners is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation ZFIC is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

750459109

(e) Artisan Partners is an investment adviser registered under section 203 of the Investment Advisers Act of 1940; Artisan Corp. is the general partner of Artisan Partners; ZFIC is the sole stockholder of Artisan Corp.; Mr. Ziegler and Ms. Ziegler are the principal stockholders of ZFIC.

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Item 4 Ownership (at December 31, 2008):

(a) Amount owned "beneficially" within the meaning of rule 13d-3:

1,872,600

(b) Percent of class:

8.2% (based on 22,863,101 shares outstanding as of November 6, 2008)

- (c) Number of shares as to which such person has:
  - (i) sole power to vote or to direct the vote: None
  - (ii) shared power to vote or to direct the vote: 1,718,400
  - (iii) sole power to dispose or to direct the disposition of: None
  - (iv) shared power to dispose or to direct the disposition of: 1,872,600
- Item 5 Ownership of Five Percent or Less of a Class:

Not Applicable

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

The shares reported herein have been acquired on behalf of discretionary clients of Artisan Partners. Persons other than Artisan Partners are entitled to receive all dividends from, and proceeds from the sale of, those shares. None of those persons, to the knowledge of Artisan Partners, Artisan Corp., ZFIC, Mr. Ziegler or Ms. Ziegler, has an economic interest in more than 5% of the class.

Not Applicable

Item 8 Identification and Classification of Members of the Group:

Not Applicable

Not Applicable

Item 10 Certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

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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 13, 2009

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Janet D. Olsen\*

ZFIC, INC.

By: Janet D. Olsen\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

\*By: /s/ Janet D. Olsen

Janet D. Olsen

Vice President of Artisan Investment
Corporation
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.

Ziegler

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#### Exhibit Index

Exhibit 1	Joint Filing Agreement dated February 13, 2009 by and among Artisan Partners Limited Partnership, Artisan Investment Corporation, ZFIC, Inc., Andrew A. Ziegler and Carlene M. Ziegler
Exhibit 2	Power of Attorney of ZFIC, Inc., dated March 19, 2007
Exhibit 3	Power of Attorney of Andrew A. Ziegler dated March 19, 2007
Exhibit 4	Power of Attorney of Carlene M. Ziegler dated March 19, 2007

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EXHIBIT 1

#### JOINT FILING AGREEMENT

The undersigned hereby agree to the joint filing of the Schedule  $13\mathrm{G}$  to which this Agreement is attached.

Dated: February 13, 2009

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS LIMITED PARTNERSHIP

By: Janet D. Olsen\*

ZFIC, INC.

By: Janet D. Olsen\*

ANDREW A. ZIEGLER

Andrew A. Ziegler\*

CARLENE M. ZIEGLER

Carlene M. Ziegler\*

\*By: /s/ Janet D. Olsen

\_\_\_\_\_

Janet D. Olsen
Vice President of Artisan Investment
Corporation
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.
Ziegler

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EXHIBIT 2

#### POWER OF ATTORNEY

The undersigned, ZFIC, Inc., hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

ZFIC, INC.

By: /s/ Andrew A. Ziegler

Andrew A. Ziegler

Vice President

STATE OF WISCONSIN )
) SS.
COUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee,

State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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EXHIBIT 3

#### POWER OF ATTORNEY

The undersigned, Andrew A. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, his true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on his behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Andrew A. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed and delivered the said instrument as his own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
-----Notary Public

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EXHIBIT 4

#### POWER OF ATTORNEY

The undersigned, Carlene M. Ziegler, hereby appoints Lawrence A. Totsky, Janet D. Olsen, and Sarah A. Johnson, and each of them individually, her true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on her behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 19th day of March, 2007.

STATE OF WISCONSIN )

OUNTY OF MILWAUKEE)

I, Timothy K. Weston, a Notary Public in and for the County of Milwaukee, State of Wisconsin, DO HEREBY CERTIFY that Carlene M. Ziegler, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her own free and voluntary act, for the uses and purposes therein set forth.

Given under my hand and notarial seal, this 19th day of March, 2007.

/s/ Timothy K. Weston
----Notary Public

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