RADISYS CORP Form SC 13G/A December 09, 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. 1) *
Radisys Corp
(Name of Issuer)
Common Stock
(Title of Class of Securities)
750459109
(CUSIP Number)
November 30, 2009
(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)

* 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.

[] Rule 13d-1(d)

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).

CU	SIP No. 750	0459109 13G					
1	1 NAME OF REPORTING PERSON						
	Artisan Pa	artners Holdings LP					
2	CHECK THE		(a) (b)	[] []			
	Not Applio	cable					
3	SEC USE O	NLY					
4	CITIZENSH	IP OR PLACE OF ORGANIZATION					
	Delaware						
		5 SOLE VOTING POWER					
NU	MBER OF	None					
BEN	SHARES EFICIALLY WNED BY	6 SHARED VOTING POWER					
RE	EACH PORTING	2,231,300					
	PERSON WITH	7 SOLE DISPOSITIVE POWER					
		None					
		8 SHARED DISPOSITIVE POWER					
		2,457,300					
9	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	2,457,300						
10	CHECK BOX (see Inst:	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE. ructions)		[]			
	Not Applio	cable 					
11	PERCENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)					
	10.3%						

	2 TYPE OF REPORTING PERSON (see Instructions)				
НС					
	Page 2 of 17				
CUSIP No.	750459109 13G				
1 NAME OF	REPORTING PERSON				
Artisan	Investment Corporation				
) []			
Not App	licable				
3 SEC USE	ONLY				
4 CITIZEN Wiscons	SHIP OR PLACE OF ORGANIZATION in 5 SOLE VOTING POWER				
	None				
NUMBER OF SHARES BENEFICIALL	6 SHARED VOTING POWER Y				
OWNED BY EACH REPORTING	2,231,300				
PERSON WITH	7 SOLE DISPOSITIVE POWER				
	None				
	8 SHARED DISPOSITIVE POWER				
	2,457,300				
9 AGGREGA	TE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
2,457,3	00				
	OX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES structions)	[]			

	Not Applic	cable	
11	PERCENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)	
	10.3%		
12	TYPE OF RE	EPORTING PERSON ructions)	
	HC		
		Page 3 of 17	
CU	SIP No. 750	0459109 13G	
1	NAME OF RE	EPORTING PERSON	
	Artisan Pa	artners Limited Partnership	
2	CHECK THE (see Instr	APPROPRIATE BOX IF A MEMBER OF A GROUP ructions)	(a) [] (b) []
	Not Applic	cable	
3	SEC USE ON	NLY	
4	CITIZENSHI	IP OR PLACE OF ORGANIZATION	
	Delaware		
		5 SOLE VOTING POWER	
NIII	MBFR OF	None	
BEN	UMBER OF SHARES NEFICIALLY OWNED BY	6 SHARED VOTING POWER	
	EACH PORTING	2,231,300	
		7 SOLE DISPOSITIVE POWER	
		None	
		8 SHARED DISPOSITIVE POWER	
		2,416,700	

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,416,700 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES Not Applicable 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 10.2% 12 TYPE OF REPORTING PERSON (see Instructions) ΙA Page 4 of 17 CUSIP No. 750459109 13G ______ 1 NAME OF REPORTING PERSON Artisan Investments GP LLC ______ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [] (see Instructions) (b) [] Not Applicable 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware ______ 5 SOLE VOTING POWER NUMBER OF -----SHARES 6 SHARED VOTING POWER BENEFICIALLY OWNED BY 2,231,300 ______ REPORTING PERSON 7 SOLE DISPOSITIVE POWER

WITH

	None	
	8 SHARED DISPOSITIVE POWER	
	2,416,700	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	2,416,700	
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)	
	10.2%	
12	TYPE OF REPORTING PERSON (see Instructions)	
	НС	
	Page 5 of 17	
CU	SIP No. 750459109 13G	
1	NAME OF REPORTING PERSON	
	ZFIC, Inc.	
2		a) []
	Not Applicable	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION	
	Wisconsin	
	5 SOLE VOTING POWER	

None

NUMBER OF					
SHARES BENEFICIALLY OWNED BY EACH REPORTING		6 SHARED VOTING POWER			
		2,231,300			
		7 SOLE DISPOSITIVE POWER			
		None			
		8 SHARED DISPOSITIVE POWER			
		2,457,300			
9	AGGREGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
	2,457,300				
10	CHECK BOX (see Instr	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE:	 S	[]
	Not Applic	cable			
11	PERCENT OF	F CLASS REPRESENTED BY AMOUNT IN ROW (9)			
	10.3%				
12	TYPE OF RE	EPORTING PERSON ructions)			
	НС				
		Page 6 of 17			
CU	SIP No. 750	0459109 13G			
1	NAME OF RE	EPORTING PERSON			
	Andrew A.	Ziegler			
2	CHECK THE (see Instr	·	(a) (b)		
	Not Applic	cable			
3	SEC USE ON				
	CTTT7FNCU	TD OD DIACE OF ODCANIZATION			

U.S.A	•				
		5 S	OLE VOTING POWER		
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_	N	one		
NUMBER C SHARES BENEFICIA	LLY	6 S	HARED VOTING POWER		
OWNED B		2	,231,300		
REPORTIN PERSON WITH		7 S	OLE DISPOSITIVE POWER		
	_	N	one		
		8 S	HARED DISPOSITIVE POWER		
		2	,457,300		
9 AGGRE	GATE A	MOUN	T BENEFICIALLY OWNED BY EACH REPORTING PERSON		
2,457	,300				
	BOX I		E AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARE		[]
Not A	pplica	.ble			
11 PERCE	NT OF	CLAS	S REPRESENTED BY AMOUNT IN ROW (9)		
10.3%					
	OF REP Instru		NG PERSON ns)		
IN					
			Page 7 of 17		
CUSIP No	. 7504	5910	9 13G		
1 NAME	OF REP	ORTI	NG PERSON		
Carle	ne M.	Zieg	ler		
	THE A		PRIATE BOX IF A MEMBER OF A GROUP	(a) (b)	[]

	Not Applia	cable	€
3	SEC USE ON	NLY	
4	CITIZENSH	IP OI	R PLACE OF ORGANIZATION
	U.S.A.		
		5	SOLE VOTING POWER
NIIT	MBER OF		None
BEN		6	SHARED VOTING POWER
	EACH PORTING		2,231,300
	PERSON WITH	7	SOLE DISPOSITIVE POWER
			None
		8	SHARED DISPOSITIVE POWER
			2,457,300
9	AGGREGATE	AMO	UNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	2,457,300		
10	CHECK BOX (see Insti		THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ions)
	Not Applic	cable	e
11	PERCENT OF	F CL	ASS REPRESENTED BY AMOUNT IN ROW (9)
	10.3%		
12	TYPE OF RE		IING PERSON ions)
	IN		
			Page 8 of 17
CU	SIP No. 750	04591	109 13G

1 NAME OF REPORTING PERSON Artisan Funds, Inc. ______ 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) [] (b) [] Not Applicable ______ 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Wisconsin 5 SOLE VOTING POWER None NUMBER OF -----SHARES 6 SHARED VOTING POWER BENEFICIALLY OWNED BY EACH 1,479,300 REPORTING -----7 SOLE DISPOSITIVE POWER PERSON WITH None _____ 8 SHARED DISPOSITIVE POWER 1,479,300 9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,479,300 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)

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Item 1(a) Name of Issuer:

Radisys Corp

Item 1(b) Address of Issuer's Principal Executive Offices:

5445 N.E. Dawson Creek Drive, Hillsboro, OR 97124

Item 2(a) Name of Person Filing:

Artisan Partners Holdings LP ("Artisan Holdings")
Artisan Investment Corporation, the general partner of
Artisan Holdings ("Artisan Corp.")
Artisan Partners Limited Partnership ("Artisan Partners")
Artisan Investments GP LLC, the general partner of
Artisan Partners ("Artisan Investments")
ZFIC, Inc., the sole stockholder of Artisan Corp. ("ZFIC")
Andrew A. Ziegler
Carlene M. Ziegler
Artisan Funds, Inc. ("Artisan Funds")

Item 2(b) Address of Principal Business Office:

Artisan Holdings, Artisan Corp., Artisan Partners, Artisan Investments, ZFIC, Mr. Ziegler, Ms. Ziegler and Artisan Funds are all located at:

875 East Wisconsin Avenue, Suite 800 Milwaukee, WI 53202

Item 2(c) Citizenship:

Artisan Holdings is a Delaware limited partnership Artisan Corp. is a Wisconsin corporation Artisan Partners is a Delaware limited partnership Artisan Investments is a Delaware limited liability company ZFIC is a Wisconsin corporation Mr. Ziegler and Ms. Ziegler are U.S. citizens Artisan Funds is a Wisconsin corporation

Item 2(d) Title of Class of Securities:

Common Stock

Item 2(e) CUSIP Number:

750459109

- (d) Artisan Funds is an Investment Company under section 8 of the Investment Company Act.
- (e) Artisan Partners and Artisan Holdings are investment advisers registered under section 203 of the Investment Advisers Act of 1940; Artisan Holdings is the sole limited

partner of Artisan Partners; Artisan Investments is the general partner of Artisan Partners; Artisan Corp is the general partner of Artisan Holdings; 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 November 30, 2009):

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

2,457,300

(b) Percent of class:

10.3% (based on 23,774,345 shares outstanding as of November 5, 2009)

- (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: 2,231,300
 - (iii) sole power to dispose or to direct the disposition of: None
 - (iv) shared power to dispose or to direct the disposition of: 2,457,300
- 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 and Artisan Holdings; as reported herein, Artisan Partners and Artisan Holdings hold 2,457,300 shares, including 1,479,300 shares on behalf of Artisan Funds. Persons other than Artisan Partners and Artisan Holdings are entitled to receive all dividends from, and proceeds from the sale of, those shares.

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: December 9, 2009

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Janet D. Olsen*

ARTISAN INVESTMENTS GP LLC, 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*

ARTISAN FUNDS, INC.

By: Janet D. Olsen*

*By: /s/ Janet D. Olsen

Janet D. Olsen Vice President of Artisan Investment

Corporation
Vice President of Artisan
Investments GP LLC
Attorney-in-Fact for ZFIC, Inc.
Attorney-in-Fact for Andrew A.
Ziegler
Attorney-in-Fact for Carlene M.
Ziegler
General Counsel and Secretary of Artisan Funds, Inc.

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Exhibit Index

Exhibit 1 Joint Filing Agreement dated December 9, 2009 by and among Artisan Partners Holdings LP, Artisan Investment Corporation, Artisan Partners Limited Partnership, Artisan Investments GP LLC, ZFIC, Inc., Andrew A. Ziegler, Carlene M. Ziegler and Artisan Funds, Inc.

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: December 9, 2009

ARTISAN INVESTMENT CORPORATION, for itself and as the general partner of ARTISAN PARTNERS HOLDINGS LP

By: Janet D. Olsen*

ARTISAN INVESTMENTS GP LLC, 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*

ARTISAN FUNDS, INC.

By: Janet D. Olsen*

*By: /s/ Janet D. Olsen

Janet D. Olsen

Vice President of Artisan Investment

Corporation

Vice President of Artisan

Investments GP LLC

Attorney-in-Fact for ZFIC, Inc.

Attorney-in-Fact for Andrew A.

Ziegler

Attorney-in-Fact for Carlene ${\tt M.}$

Ziegler

General Counsel and Secretary of

Artisan Funds, Inc.

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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.

/s/ Andrew A. Ziegler
Andrew A. Ziegler

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 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)

COUNTY 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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