Daly Joseph Patrick Form SC 13D/A December 17, 2010

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13D/A

UNDER THE SECURITIES EXCHANGE ACT OF 1934

MFIC Corp.					
	(Name of Issuer)				
	Common Stock, no par value				
	(Title of Class of Securities)				
595073107					
(CUSIP Number)					

Joseph P. Daly 497 Circle Freeway Cincinnati, Ohio 45246 (513) 943-7100

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

December 14, 2010
-----(Date of Event which Requires Filing of this Statement)

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 Sections 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box. []

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Section 240.13d-7 for other parties to whom copies are to be sent.

The information required on 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.	595073107		13D/A
1	NAMES	G OF REPORTING PER	SONS	
	j	Joseph P Daly		
	I.R.S	G. IDENTIFICATION	NOS. OF ABO	OVE PERSONS (entities only)
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)			
3		JSE ONLY		
4	SOURCE OF FUNDS (See Instructions)			
		PF		
5	CHECK	K BOX IF DISCLOSUF	RE OF LEGAL	PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)
6	6 CITIZENSHIP OR PLACE OF ORGANIZATION			
	J 	Jnited States		
	NUMBEF	R OF SHARES	7	SOLE VOTING POWER
	BENE	EFICIALLY		740,250
	OV	NNED BY	8	SHARED VOTING POWER
	EACH	REPORTING		-0-
	PERS	SON WITH	9	SOLE DISPOSITIVE POWER
		_		740,250
			10	SHARED DISPOSITIVE POWER
		_		-0-
11	AGGRE	EGATE AMOUNT BENEF	CIALLY OW	NED BY EACH REPORTING PERSON
		740,250		
12				
13	PERCE	ENT OF CLASS REPRE	SENTED BY	AMOUNT IN ROW (11)
		7.10%		
14	TYPE	OF REPORTING PERS		
		IN		

CUSIP	No.	595073107		13D/A		
1	NAMES	OF REPORTING PE				
	K	Karina Daly				
	I.R.S	. IDENTIFICATION	NOS. OF AB	OVE PERSONS (entities only)		
2	CHECK					
3	SEC U	JSE ONLY				
4	SOURC	CE OF FUNDS (See				
		PF				
	CHECK	BOX IF DISCLOSU	RE OF LEGAL	PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)		
		ENSHIP OR PLACE				
	U	Jnited States				
	NUMBEF	R OF SHARES	7	SOLE VOTING POWER		
	BENE	CFICIALLY		60,000		
	OW	NED BY		SHARED VOTING POWER		
	EACH	REPORTING		-0-		
	PERS	SON WITH	9	SOLE DISPOSITIVE POWER		
				60,000		
			10	SHARED DISPOSITIVE POWER		
				-0-		
11	AGGRE	GATE AMOUNT BENE	FICIALLY OW	NED BY EACH REPORTING PERSON		
		60,000				
12		IF THE AGGREGAT	E AMOUNT IN	ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)		
13	PERCE			AMOUNT IN ROW (11)		
		0.58%				
14	TYPE	OF REPORTING PER		structions)		
		IN				

CUSIP	No.	595073107		13D/A
1	NAMES	OF REPORTING PERSONS		
	Es	ssigPR Inc.		
	I.R.S.	. IDENTIFICATION NOS.	OF ABO	OVE PERSONS (entities only)
2	CHECK	THE APPROPRIATE BOX 1	IF A MI	EMBER OF A GROUP (See Instructions)
3	SEC US	SE ONLY		
4	SOURCE	E OF FUNDS (See Instru		
		WC		
5	CHECK	BOX IF DISCLOSURE OF		PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(D) OR 2(E)
6	CITIZE	ENSHIP OR PLACE OF ORC	GANIZA'	TION
	Má	ayaguez, PR, USA		
	NUMBER			SOLE VOTING POWER
	BENEE	FICIALLY		421,250
	MO	NED BY	8	SHARED VOTING POWER
	EACH F	REPORTING		-0-
	PERSO	ON WITH	9	SOLE DISPOSITIVE POWER
				421,250
			10	SHARED DISPOSITIVE POWER
				-0-
11	AGGREG	GATE AMOUNT BENEFICIAL	LLY OW	NED BY EACH REPORTING PERSON
		421,250		
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (See Instructions)			
13	PERCEN	NT OF CLASS REPRESENTE	ED BY	AMOUNT IN ROW (11)
		4.04%		
14	TYPE (OF REPORTING PERSON (S		structions)
		СО		

ITEM 1. SECURITY AND ISSUER.

The class of equity security to which this statement relates is the common stock (the "Common Stock"), no par value per share ("Share"), of Microfluidics International Corporation, a Delaware corporation (the "Issuer"). The address of the principal executive offices of the Issuer is 30 Ossipee Road, PO Box 9101, Newton, MA 02464.

ITEM 3. SOURCE AND AMOUNT OF FUNDS OR OTHER CONSIDERATION.

Item 3 is hereby amended to read as follows:

The source of funds used by the Reporting Persons are personal funds of each such person with respect to the purchases of such person, except the source of funds used for the purchases by EssigPR, Inc were from working captial. The Reporting Persons did not borrow any funds to acquire their respective shares. The following table shows the APPROXIMATE amounts of funds paid for the Shares by the Reporting Persons.

Joseph P Daly	\$947,647
Karina Daly	61,814
EssigPR, Inc.	377,741

ITEM 5. INTEREST IN SECURITIES OF THE ISSUER.

Item 5 is hereby amended to read as follows:

(a) The Reporting Persons hereby report beneficial ownership, in the manner hereinafter described, of 1,221,500 shares of the Issuer:

Shares Held in the Name of	Number Of Shares	Percentage of Outstanding Security (1)
Joseph P Daly	740,250	7.10%
Karina Daly	60,000	0.58%
EssigPR Inc.	421,250(2)	4.04%
TOTAL	1,221,500	11.72%

- (1) The foregoing percentages assume that the number of Shares of the Issuer outstanding, based on the number reported in the Issuer's 10-Q for the quarter ended September 30, 2010 is 10,426,647 Shares (as of November 10, 2010).
- (2) Shares are held by EssigPR, Inc., a C corporation controlled by Joseph P. Daly
- (b) Joseph P. Daly has sole voting and dispositive power over his shares enumerated in paragraph (a). Karina Daly has sole voting and dispositive power over her shares enumerated in paragraph (a). EssigPR, Inc. has shared voting and dispositive power over its shares enumerated in paragraph (a).
- (c) Transactions for the 60 days prior to the date of this Schedule 13D/A:

Person Who Effected the Transaction	Transaction Date	Number of Shares Purchased
Joseph P. Daly	11/09/2010	2500
Joseph P. Daly	11/11/2010	2500
Joseph P. Daly	11/15/2010	1300
Joseph P. Daly	11/16/2010	650
Joseph P. Daly	11/30/2010	300
Joseph P. Daly	11/30/2010	1200
Joseph P. Daly	12/03/2010	500
Joseph P. Daly	12/13/2010	1300
EssigPR	11/16/2010	2420
EssigPR	11/17/2010	7000
EssigPR	11/18/2010	1030
EssigPR	11/24/2010	2000
EssigPR	11/30/2010	1000
EssigPR	12/01/2010	1720
EssigPR	12/03/2010	5000
EssigPR	12/03/2010	500
EssigPR	12/07/2010	5400
EssigPR	12/10/2010	2000
EssigPR	12/14/2010	5000
Karina Daly	11/04/2010	700

All transactions were effectuated through open-market purchases.

- (d) RIGHT TO RECEIVE OR POWER TO DIRECT: Not applicable.
- (e) DATE REPORTING PERSON CEASED TO BE 5% OWNER: Not applicable.

SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief, we certify that the information set forth in this statement is true, complete and correct.

Date: December 16, 2010

/s/ Joseph P Daly

Print Name: Joseph P Daly

/s/ Karina Daly

Print Name: Karina Daly

EssigPR, Inc.

By:

/s/ Joseph P Daly

Print Name: Joseph P Daly