

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
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(Print or Type Responses)

1. Name and Address of Reporting Person * Gillman Charles M		2. Date of Event Requiring Statement (Month/Day/Year) 04/24/2012		3. Issuer Name and Ticker or Trading Symbol InfuSystem Holdings, Inc [INFU]	
(Last)	(First)	(Middle)	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		5. If Amendment, Date Original Filed(Month/Day/Year)
15 EAST 5TH STREET, SUITE 3200			6. Individual or Joint/Group Filing(Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(Street)					
TULSA, OK 74103					
(City) (State) (Zip)					

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	82,327	I (1)	See Footnote

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. SEC 1473 (7-02)

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 control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gillman Charles M 15 EAST 5TH STREET, SUITE 3200 TULSA, OK 74103	X			

Signatures

/s/ Charles Gillman

04/26/2012

Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Boston Avenue Capital LLC ("BAC") beneficially owns and has voting and dispositive power over the reported Common Stock. As the portfolio manager of BAC, Mr. Gillman may be deemed to have the shared power to vote or direct the vote of (1) (and the shared power to dispose or direct the disposition of) any shares of Common Stock beneficially owned by BAC. Mr. Gillman does not own any shares of Common Stock directly, and disclaims beneficial ownership of any shares of Common Stock beneficially owned by BAC.

Remarks:

Exhibit 24.1 - Limited Power of Attorney for Charles M. Gillman

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

LIMITED POWER OF ATTORNEY FOR SECTION 14 INFORMATION COLLECTION

BEFORE ME, the undersigned authority, on this day personally appeared _____, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed. My commission expires _____.

Given under my hand and seal of office this _____ day of _____, 2011.

Notary Public in and for the State of _____, My Commission Expires _____.

IN WITNESS WHEREOF, I have hereunto set my hand and seal the day and date first above written.

Notary Public in and for the State of _____, My Commission Expires _____.