As filed with the Securities and Exchange Commission on June 6, 2023

Registration No. 333-

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

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

INFUSYSTEM HOLDINGS, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of Incorporation or organization)

3851 West Hamlin Road

Rochester Hills, Michigan (Address of Principal Executive Offices) 20-3341405

(I.R.S. Employer Identification No.)

48309

(Zip Code)

INFUSYSTEM HOLDINGS, INC. 2023 EMPLOYEE STOCK PURCHASE PLAN (Full title of the plan)

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Barry Steele Executive Vice President and Chief Financial Officer 3851 West Hamlin Road Rochester Hills, Michigan, 48309 (Name and address of agent for service)

(248) 291-1210

(Telephone number, including area code, of agent for service)

with copies of communications to:

B. Scott Gootee, Esq. Scot Hill, Esq. Stinson LLP 1201 Walnut, Suite 2900 Kansas City, Missouri 64106 (816) 842-8600

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer	•
Non-accelerated filer	•

Accelerated filer x Smaller reporting company x Emerging growth company "

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

As permitted by the rules of the Securities and Exchange Commission (the "Commission"), this Registration Statement omits the information specified in Part I of Form S-8. The documents containing the information specified in Part I of this Registration Statement will be sent or given to eligible employees as specified in Rule 428(b)(1) promulgated under the Securities Act. Such documents are not being filed with the Commission either as part of this Registration Statement or as part of any prospectuses or prospectus supplements filed pursuant to Rule 424 promulgated under the Securities Act. These documents and the documents incorporated by reference into this Registration Statement pursuant to Item 3 of Part II of Form S-8, taken together, constitute a prospectus that meets the requirements of Section 10(a) of the Securities Act.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The Registrant hereby incorporates by reference the following documents (other than the portions of those documents furnished or otherwise not deemed to be filed) on file with the Commission (File No. 1-35020):

- (a) the Registrant's Annual Report on Form 10-K for the year ended December 31, 2022, filed on March 16, 2023 (including information specifically incorporated by reference therein from the Registrant's definitive proxy statement on Schedule 14A, filed on April 10, 2023);
- (b) the Registrant's Quarterly Report on Form 10-Q for the period ended March 31, 2023, filed on May 9, 2023;
- (c) the Registrant's Current Reports on Form 8-K, filed on March 28, 2023, May 2, 2023, May 17, 2023, and May 25, 2023; and
- (d) the description of the Registrant's common stock contained in the Registrant's Form 8-A/12b, filed on December 21, 2010, as updated by the description of the Registrant's common stock contained in Exhibit 4.2 to the Registrant's Annual Report on Form 10-K for the fiscal year ended December 31, 2019, including any subsequently filed amendments and reports updating such description.

All documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act") (other than the portions of those documents furnished or otherwise not deemed to be filed), prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents.

Any statement contained herein or in a document, all or a portion of which is incorporated or deemed to be incorporated by reference herein, shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any other subsequently filed document which also is, or is deemed to be, incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

Sections 145(a) and (b) of the Delaware General Corporation Law (the "DGCL") provide that a corporation may indemnify its directors and officers, as well as other employees and individuals, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement in connection with specified actions, suits or proceedings, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation – a "derivative action"), if they acted in good faith and in a manner they reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe their conduct was unlawful. A similar standard is applicable in the case of derivative actions, except that indemnification only extends to expenses (including attorneys' fees) incurred in connection with the defense or settlement of such actions, and the statute requires court approval before there can be any indemnification in which the person seeking indemnification has been found liable to the corporation.

Article Seven of the Registrant's Amended and Restated Certificate of Incorporation provides that the Registrant shall, to the fullest extent permitted by Section 145 of the DGCL, indemnify all persons whom it may indemnify pursuant thereto.

Section 145(e) of the DGCL provides that expenses (including attorneys' fees) incurred by an officer or director in defending any civil, criminal, administrative or investigative action, suit or proceeding may be paid by the corporation in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of such director or officer to repay such amount if it shall ultimately be determined that such person is not entitled to be indemnified

by the corporation as authorized by Section 145 of the DGCL. Section 145(e) of the DGCL further provides that such expenses (including attorneys' fees) incurred by former directors and officers or other employees or agents of the corporation may be so paid upon such terms and conditions as the corporation deems appropriate.

Article Four of the Registrant's Amended and Restated By-Laws provides that the Registrant shall pay expenses incurred by a director or officer of the Registrant in defending or appearing as a witness in any civil, administrative, investigative or criminal action, suit or proceeding in advance of the final disposition of such action, suit or proceeding as provided for in Section 145(e) of the DGCL. Article Four of the Registrant's Amended and Restated By-Laws further provides that the indemnification and payment of expenses on behalf of any other employee or agent of the Registrant shall be on such terms and conditions as the Registrant's Board of Directors determines from time to time.

Section 102(b)(7) of the DGCL enables a Delaware corporation to provide in its certificate of incorporation for the elimination or limitation of the personal liability of a director to the corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. However, no provision can eliminate or limit a director's liability: (i) for any breach of the director's duty of loyalty to the corporation or its stockholders; (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law; (iii) under Section 174 of the DGCL, which imposes liability on directors for unlawful payment of dividends or unlawful stock purchase or redemption; or (iv) for any transaction from which the director derived an improper personal benefit.

Article Seven of the Registrant's Amended and Restated Certificate of Incorporation eliminates the liability of a director to the Registrant or its stockholders for monetary damages for breach of fiduciary duty as a director to the full extent permitted by the DGCL. Any amendment to or repeal of Article Seven may not adversely affect any right or protection of a director of the Registrant for or with respect to any acts or omissions of such director occurring prior to such amendment or repeal.

Section 145(g) of the DGCL permits a corporation to purchase and maintain insurance on behalf of any person who is or was a director, officer, employee or agent of the corporation, against any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liability under Section 145.

Article Four of the Registrant's Amended and Restated By-Laws permits the Registrant to purchase and maintain such insurance on behalf of any person who is or was a director, officer, employee or agent of the Registrant as provided for in Section 145(g) of the DGCL. The Registrant maintains directors' and officers' liability insurance which insure against liabilities that directors or officers of the Registrant may incur in such capacities.

Item 7. Exemption from Registration Claimed.

Not applicable.

Item 8. Exhibits.

Exhibit No.	Description
4.1	Amended and Restated Certificate of Incorporation, as amended (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8- K (File No. 001-35020) as filed with the Commission on May 12, 2014).
4.2	Amended and Restated By-Laws, as amended (incorporated by reference to Exhibit 3.1 to the Registrant's Current Report on Form 8-K (File No. 001- 35020) as filed with the Commission on July 9, 2018).
5.1*	Opinion of Stinson LLP regarding legality.
23.1*	Consent of BDO USA, LLP.
23.2*	Consent of Stinson LLP (contained in Exhibit 5.1).
24.1*	Powers of Attorney (contained in the signature page hereto).
99.1	InfuSystem Holdings, Inc. 2023 Employee Stock Purchase Plan (incorporated by reference to Exhibit 102 to the Registrant's Current Report on Form 8-K (File No. 001-35020) as filed with the Commission on May 25, 2023).
107*	Filing Fee Table

* Filed herewith.

Item 9. Undertakings.

- (a) The undersigned Registrant hereby undertakes:
 - (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:
 - (i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement; *provided, however*, that paragraphs (a)(1)(i) and (a)(1)(ii) of this section do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

- (b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
- 15(d) of the Exchange Act) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
 (c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Rochester Hills, State of Michigan, on this 6th day of June, 2023.

INFUSYSTEM HOLDINGS, INC.

By: /s/ Barry Steele

Barry Steele Executive Vice President and Chief Financial Officer

POWER OF ATTORNEY

Each person whose signature appears below hereby constitutes and appoints Richard A. Dilorio and Barry Steele, and each of them, his or her true and lawful attorneys-in-fact and agents, with full power of substitution and resubstitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this Registration Statement, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Commission, and hereby grants to such attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, or their or his or her substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Signatures	Title	Date
/s/ Richard A. DiIorio Richard A. DiIorio	President, Chief Executive Officer (Principal Executive Officer) and Director	June 6, 2023
/s/ Barry Steele Barry Steele	Executive Vice President, Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	June 6, 2023
/s/ Scott Shuda Scott Shuda	Chairman of the Board and Director	June 6, 2023
/s/ Ralph Boyd Ralph Boyd	Director	June 6, 2023
/s Paul Gendron Paul Gendron	Director	June 6, 2023
/s/ Carrie Lachance Carrie Lachance	Director	June 6, 2023
/s/ Gregg Lehman Gregg Lehman	Director	June 6, 2023
/s/ R. Rimmy Malhotra R. Rimmy Malhotra	Director	June 6, 2023

June 6, 2023

InfuSystem Holdings, Inc. 3851 West Hamlin Road Rochester Hills, Michigan 48309

Re: Issuance of Securities Covered by Registration Statement on Form S-8

Ladies and Gentlemen:

We have acted as counsel to InfuSystem Holdings, Inc., a Delaware corporation (the "Company"), in connection with the Registration Statement on Form S-8 (the "Registration Statement") filed with the Securities and Exchange Commission (the "Commission") by the Company on or about the date hereof under the Securities Act of 1933, as amended (the "Act"). The Registration Statement relates to up to 354,509 shares (the "Shares") of the Company's common stock, \$0.0001 par value per share (the "Common Stock"), to be issued pursuant to the InfuSystem Holdings, Inc. 2023 Employee Stock Purchase Plan, as amended (the "ESPP"). The Registration Statement also relates to such additional shares of Common Stock as may become issuable pursuant to the anti-dilution provisions of the ESPP (collectively with the Shares, the "Securities").

In connection with this opinion, we have examined the Registration Statement and originals or copies, certified or otherwise identified to our satisfaction, of such records, agreements and instruments of the Company, certificates of public officials and of officers of the Company and such other documents and records, and such matters of law, as we have deemed necessary as a basis for the opinions hereinafter expressed, including the Company's Amended and Restated Certificate of Incorporation, as amended (the "Charter"), and the Company's Amended and Restated Bylaws, as amended (the "Bylaws").

For purposes of this opinion, we have assumed the authenticity of all documents submitted to us as originals, the conformity to the originals of all documents submitted to us as copies and the authenticity of the originals of all documents submitted to us as copies. We have also assumed the genuineness of the signatures of persons signing all documents in connection with which this opinion is rendered, the authority of such persons signing on behalf of the parties thereto other than the Company and the due authorization, execution, delivery and binding effect of all documents by the parties thereto other than the Company. As to any facts material to the opinion expressed herein which we have not independently established or verified, we have relied upon the statements and representations of officers and other representatives of the Company and others. This opinion assumes that the provisions of the Charter and the Bylaws will not be amended after the date hereof. This opinion further assumes compliance both in the past and in the future with the terms of the ESPP by the Company and its employees, officers, board of directors and any committee and/or trustee appointed to administer the ESPP.

We express no opinion as to matters under or involving the laws of any jurisdiction other than the federal laws of the United States of America and the laws of the State of Delaware. We advise you that the issues addressed by this opinion may be governed in whole or in part by other laws, and we express no opinion as to whether any relevant difference exists between the laws upon which our opinion is based and any other laws that may actually govern.

Based upon and subject to the foregoing, and having regard for such legal considerations as we have deemed relevant, upon the issuance and sale of said Securities for the consideration and upon the terms and conditions set forth in the ESPP, said Securities will be legally issued, fully paid and non-assessable.

This opinion is limited to the specific issues addressed herein, and no opinion may be inferred or implied beyond that expressly stated herein. This opinion is rendered on the date hereof and we have no continuing obligation hereunder to inform you of changes of law, including judicial interpretations of law, or of facts of which we become aware after the date hereof.

We consent to the filing of this opinion with the Commission as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules of the Commission.

Very truly yours,

Stinson LLP

/s/ Stinson LLP

Consent of Independent Registered Public Accounting Firm

InfuSystem Holdings Inc. Rochester Hills, Michigan

We hereby consent to the incorporation by reference in the Registration Statement on Form S-8 of InfuSystem Holdings, Inc. and subsidiaries of our reports dated March 16, 2023, relating to the consolidated financial statements and the effectiveness of InfuSystem Holdings, Inc.'s internal control over financial reporting, appearing in the Company's Annual Report on Form 10-K for the year ended December 31, 2022. Our report on the effectiveness of internal control over financial reporting expresses an adverse opinion on the effectiveness of the Company's internal control over financial reporting as of December 31, 2022.

/s/ BDO USA, LLP.

Troy, Michigan June 6, 2023

Calculation of Filing Fee Tables Form S-8 (Form Type)

InfuSystem Holdings, Inc.

(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered Securities

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered (1)	Proposed Maximum Offering Price Per Share (2)	Maximum Aggregate Offering Price (2)	Fee Rate	Amount of Registration Fee (2)
1 2	Common Stock, par value \$0.0001 per share		354,509 (3)	\$8.93	\$3,165,765.37	0.0001102	\$348.87
Total Offering Amounts						\$348.87	
Total Fee Offsets						\$0	
Net Fee Due							\$348.87

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall include an additional indeterminate number of securities that may be offered as a result of stock splits, stock dividends or similar transactions relating to the shares covered by this Registration Statement.

- (2) Calculated pursuant to Rules 457(c) and 457(h) under the Securities Act based on the average of the high and low prices reported for the Registrant's common stock on June 1, 2023 on the NYSE American. Estimated solely for the purpose of calculating the registration fee in accordance with Rule 457 under the Securities Act.
- (3) Represents 354,509 shares of the Registrant's common stock that are or may become available for future issuance under the Registrant's 2023 Employee Stock Purchase Plan, consisting of (a) 300,000 shares reserved for issuance under the 2023 Employee Stock Purchase Plan, plus (b) up to 54,509 shares available for issuance under the Registrant's existing employee stock purchase plan that may become available for issuance under the 2023 Employee Stock Purchase Plan upon termination of the existing employee stock purchase plan.