UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM S-8 REGISTRATION STATEMENT

UNDER
THE SECURITIES ACT OF 1933

SPS COMMERCE, INC.

(Exact name of registrant as specified in its charter)

Delaware (State of incorporation) 41-2015127 (IRS Employer Identification No.)

333 South Seventh Street, Suite 1000 Minneapolis, MN 55402 (Address of Principal Executive Offices) (Zip Code)

SPS COMMERCE, INC. 2010 EQUITY INCENTIVE PLAN (Full title of the plan)

Copy to:

Archie C. Black
President and Chief Executive Officer
SPS Commerce, Inc.
333 South Seventh Street, Suite 1000
Minneapolis, MN 55402
(612) 435-9400

(Name, address and telephone number, including area code, of agent for service)

Jonathan R. Zimmerman Faegre Baker Daniels LLP 2200 Wells Fargo Center 90 South Seventh Street Minneapolis, MN 55402-3901 (612) 766-7000

emerging growth companin Rule 12b-2 of the Exch	y. See the definitions of "large accelerated filer," "accelerated filer," nange Act.	"smaller reporting company," and "emerging growth compar	ıy"
Large accelerated filer	\boxtimes	Accelerated filer	
Non-accelerated filer	\square (Do not check if a smaller reporting company)	Smaller reporting company	
		Emerging growth company	
	mpany, indicate by check mark if the registrant has elected not to use ing standards provided pursuant to Section 7(a)(2)(B) of the Securities		or

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

Calculation of Registration Fee						
Title of securities to be registered	Amount to be registered(1)	Proposed maximum offering price per share(2)	Proposed maximum aggregate offering price(2)	Amount of registration fee		
Common Stock, par value \$0.001 per share	1,027,620 shares	\$48.81	\$50,158,132.20	\$6,244.69		

- (1) Represents shares of common stock issuable under the SPS Commerce, Inc. 2010 Equity Incentive Plan. Pursuant to Rule 416 under the Securities Act of 1933, as amended, this registration statement also covers any additional shares of common stock that may be issued under the SPS Commerce, Inc. 2010 Equity Incentive Plan to prevent dilution resulting from stock splits, stock dividends or similar transactions.
- Estimated solely for the purpose of calculating the registration fee in accordance with Rule 457(h)(1) and 457(c) under the Securities Act of 1933, as amended, based on the average of the high and low prices of SPS Commerce, Inc. common stock as reported on the Nasdaq Global Market on January 2, 2018.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents of SPS Commerce, Inc. (the "Company") filed with the Securities and Exchange Commission (the "SEC") are incorporated by reference in this registration statement:

- The Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2016;
- The Company's Quarterly Reports on Form 10-Q for the quarterly periods ended March 31, 2017, June 30, 2017 and September 30, 2017;
- The Company's Current Reports on Form 8-K filed on February 15, 2017, May 23, 2017, October 17, 2017, November 2, 2017 and November 17, 2017; and
- The description of the Company's common stock contained in its registration statement on Form 8-A filed with the SEC on April 19, 2010, including any amendments or supplements thereto.

All reports and other documents filed by the Company with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, and amended (the "Exchange Act") (except for information furnished and not filed with the Commission in a Current Report on Form 8-K) after the date of this registration statement and 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 and to be a part of this registration statement from the date of filing of such documents.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

The Company is a corporation organized under the laws of the State of Delaware. Section 145 of the Delaware General Corporation Law provides that a corporation may indemnify any person who was or is a party or is threatened to be made a party to an action by reason of the fact that he or she was a director, officer, employee or agent of the corporation or is or was serving at the request of the corporation against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with such action if he or she acted in good faith and in a manner he or she 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 his or her conduct was unlawful, except that, in the case of an action by or in right of the corporation, no indemnification may generally be made in respect of any claim as to which such person is adjudged to be liable to the corporation. The Company's Amended and Restated Bylaws provide that it will indemnify and advance expenses to its directors and officers (and may choose to indemnify and advance expenses to other employees and other agents) to the fullest extent permitted by law; provided, however, that if the Company enters into an indemnification agreement with such directors or officers, such agreement controls.

Section 102(b)(7) of the Delaware General Corporation Law permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any:

- breach of a director's duty of loyalty to the corporation or its stockholders;
- · act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;

- unlawful payment of dividends or redemption of shares; or
- transaction from which the director derives an improper personal benefit.

The Company's Amended and Restated Certificate of Incorporation provides that its directors are not personally liable for breaches of fiduciary duties to the fullest extent permitted by the Delaware General Corporation Law. These limitations of liability do not apply to liabilities arising under federal securities laws and do not affect the availability of equitable remedies such as injunctive relief or rescission.

Section 145(g) of the Delaware General Corporation Law 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. The Company's Amended and Restated Bylaws permit it to secure insurance on behalf of any officer, director, employee or other agent for any liability arising out of his or her actions in connection with their services to the Company, regardless of whether the Company's bylaws permit indemnification. The Company obtained a directors' and officers' liability insurance policy.

As permitted by the Delaware General Corporation Law, the Company entered into indemnity agreements with each of its directors that require it to indemnify such persons against various actions including, but not limited to, third-party actions where such director, by reason of his or her corporate status, is a party or is threatened to be made a party to an action, or by reason of anything done or not done by such director in any such capacity. The Company indemnifies directors against all costs, judgments, penalties, fines, liabilities, amounts paid in settlement by or on behalf such directors, and for any expenses actually and reasonably incurred by such directors in connection with such action, if such directors 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 proceeding, had no reasonable cause to believe their conduct was unlawful. The Company also advances to its directors expenses (including attorney's fees) incurred by such directors in advance of the final disposition of any action after the receipt by the corporation of a statement or statements from directors requesting such payment or payments from time to time, provided that such statement or statements are accompanied by an undertaking, by or on behalf of such directors, to repay such amount if it shall ultimately be determined that they are not entitled to be indemnified against such expenses by the corporation.

The indemnification agreements set forth certain procedures that will apply in the event of a claim for indemnification or advancement of expenses, including, among others, provisions about providing notice to the corporation of any action in connection with which a director seeks indemnification or advancement of expenses from the corporation, and provisions concerning the determination of entitlement to indemnification or advancement of expenses.

Item 7. Exemption From Registration Claimed.

Not applicable.

Item 8. Exhibits.

See the Exhibit Index preceding the signature page.

Item 9. Undertakings.

- (a) The Company 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 of 1933 (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 SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20 percent 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) 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 SEC by the Company 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 Company hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Company's annual report pursuant to Section 13(a) or 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.
- (c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the Company pursuant to the foregoing provisions, or otherwise, the Company has been advised that in the opinion of the SEC 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 Company of expenses incurred or paid by a director, officer or controlling person of the Company 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 Company 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.

EXHIBIT INDEX

Exhibit	Description	Manner of Filing	
4.1	Specimen Certificate representing shares of common stock of SPS Commerce, Inc.	Incorporated by reference to Exhibit 4.1 to Amendment No. 3 to the Company's Registration Statement on Form S-1 (Registration No. 333- 163476), filed with the SEC on March 5, 2010	
4.2	Amended and Restated Certificate of Incorporation	Incorporated by reference to Exhibit 4.1 to the Company's Registration Statement on Form S-3 (Registration No. 333-182097), filed with the SEC on June 13, 2012	
4.3	Amended and Restated Bylaws	Incorporated by reference to Exhibit 3.1 to the Company's Current Report on Form 8-K filed with the SEC on October 17, 2017	
5	Opinion of Faegre Baker Daniels LLP	Filed electronically herewith	
23.1	Consent of Faegre Baker Daniels LLP	Included in Exhibit 5	
23.2	Consent of KPMG LLP	Filed electronically herewith	
24	Powers of Attorney	Included on signature page	
99.1	SPS Commerce, Inc. 2010 Equity Incentive Plan, as amended effective October 29, 2014	Incorporated by reference to Exhibit 10.6 to the Company's Form 10-K for the year ended December 31, 2014, filed with the SEC on February 20, 2015	

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Company 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 Minneapolis, State of Minnesota, on January 5, 2018.

SPS COMMERCE, INC.

By: /s/ Kimberly K. Nelson

Name: Kimberly K. Nelson

Title: Executive Vice President and Chief Financial Officer

We, the undersigned officers and directors of SPS Commerce, Inc., hereby severally constitute Archie C. Black and Kimberly K. Nelson, and each of them singly, as true and lawful attorneys with full power to them, and each of them singly, to sign for us and in our names, in the capacities indicated below the registration statement filed herewith and any amendments to said registration statement, and generally to do all such things in our name and behalf in our capacities as officers and directors to enable SPS Commerce, Inc. to comply with the provisions of the Securities Act of 1933 and all requirements of the Securities and Exchange Commission, hereby ratifying and confirming our signatures as they may be signed by our said attorneys, or any of them, to said registration statement and any and all amendments thereto. Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Archie C. Black Archie C. Black	President, Chief Executive Officer and Director (principal executive officer)	January 5, 2018
/s/ Kimberly K. Nelson Kimberly K. Nelson	Executive Vice President and Chief Financial Officer (principal financial and accounting officer)	January 5, 2018
/s/ Martin J. Leestma Martin J. Leestma	Director	January 5, 2018
/s/ James B. Ramsey James B. Ramsey	Director	January 5, 2018
/s/ Tami L. Reller Tami L. Reller	Director	January 5, 2018
/s/ Michael A. Smerklo Michael A. Smerklo	Director	January 5, 2018
/s/ Philip E. Soran Philip E. Soran	Director	January 5, 2018
/s/ Sven A. Wehrwein Sven A. Wehrwein	Director	January 5, 2018

FAEGRE BAKER DANIELS LLP

90 South Seventh Street Minneapolis, Minnesota 55402 Telephone (612) 766-7000 Facsimile (612) 766-1600

January 5, 2018

Board of Directors SPS Commerce, Inc. 333 South Seventh Street, Suite 1000 Minneapolis, MN 55402

Re: SPS Commerce, Inc. Registration Statement on Form S-8

Ladies and Gentlemen:

In connection with the Registration Statement on Form S-8 under the Securities Act of 1933, as amended (the "Registration Statement"), relating to the registration of an additional 1,027,620 shares of common stock (the "Shares") under the SPS Commerce, Inc. 2010 Equity Incentive Plan, as amended (the "2010 Plan"), we have examined such corporate records and other documents, including the Registration Statement, and have reviewed such matters of law as we have deemed relevant hereto, and, based upon such examination and review, it is our opinion that all necessary corporate action on the part of the Company has been taken to authorize the issuance and sale of the additional Shares to be issued in accordance with the 2010 Plan and that, when issued and sold as contemplated in the Registration Statement and in accordance with the 2010 Plan, the additional Shares will be legally issued, fully paid and nonassessable.

In our examination, we have assumed the legal capacity of all natural persons, the genuineness of all signatures, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified or photostatic copies, and the authenticity of the originals of such latter documents. We have also assumed that the Company's Board of Directors, or a duly authorized committee thereof, will have approved the issuance of each award under the 2010 Plan prior to the issuance thereof. As to any facts material this opinion which we did not independently establish or verify, we have relied upon oral or written statements and representations of officers and other representatives of the Company and others.

The foregoing opinions are limited to the General Corporation Law of the State of Delaware and the federal laws of the United States of America. While we are not licensed to practice law in the State of Delaware, we have reviewed applicable provisions of the Delaware General Corporation Law as we have deemed appropriate in connection with the opinion.

We consent to the filing of this opinion as an exhibit to the Registration Statement.

Very truly yours,

FAEGRE BAKER DANIELS LLP

By: /s/ Jonathan R. Zimmerman

Jonathan R. Zimmerman

Consent of Independent Registered Public Accounting Firm

The Board of Directors SPS Commerce, Inc.:

We consent to the use of our report dated February 27, 2017, with respect to the consolidated balance sheets of SPS Commerce, Inc. and subsidiaries as of December 31, 2016 and 2015, and the related consolidated statements of comprehensive income, stockholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2016, and the effectiveness of internal control over financial reporting as of December 31, 2016, incorporated herein by reference.

Our report dated February 27, 2017 on internal control over financial reporting as of December 31, 2016, contains an explanatory paragraph that states management excluded from its assessment of the effectiveness of internal control over financial reporting as of December 31, 2016, Toolbox Solutions, Inc.'s (Toolbox) internal control over financial reporting associated with approximately four percent of total assets and four percent of revenues in the consolidated financial statements of SPS Commerce, Inc. as of and for the year ended December 31, 2016. Our audit of internal control over financial reporting of SPS Commerce, Inc. also excluded an evaluation of the internal control over financial reporting of Toolbox.

/s/ KPMG LLP

Minneapolis, Minnesota January 5, 2018