

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

PRE-EFFECTIVE AMENDMENT NO. 1 TO
FORM S-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

STRATA SKIN SCIENCES, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

13-3986004
(I.R.S. Employer
Identification Number)

5 Walnut Grove Drive, Suite 140
Horsham, Pennsylvania 19044
(215) 619-3200

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Robert Moccia
Chief Executive Officer
STRATA Skin Sciences, Inc.
5 Walnut Grove Drive, Suite 140
Horsham, Pennsylvania 19044
(215) 619-3200

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

Copies to:

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Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this Registration Statement.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, as amended, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

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	<input type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input checked="" type="checkbox"/>	Smaller reporting company	<input checked="" type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

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.

CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered(1)(2)	Proposed Maximum Aggregate Offering Price per Security(1)(2)	Proposed Maximum Aggregate Offering Price(2)	Amount of Registration Fee(4)(5)
Common Stock, par value \$0.001 per share(3)				
Preferred Stock, par value \$0.001 per share(3)				
Debt Securities(3)				
Warrants				
Rights				
Units				
Total			\$25,000,000	\$2,728(2)

(1) Such indeterminate number or amount of debt securities, common stock, preferred stock, warrants and units to purchase any combination of the foregoing securities, and rights, as may from time to time be issued at indeterminate prices, with an aggregate initial offering price not to exceed \$25,000,000. In addition, pursuant to Rule 416 of the Securities Act, the shares being registered hereunder include such indeterminate number of shares of common stock and preferred stock as may be issuable with respect to the shares being registered hereunder as a result of stock splits, stock dividends, or similar transactions. Securities registered hereunder may be sold separately or together in any combination with other securities registered hereunder.

(2) Estimated solely for the purpose of calculating the registration fee pursuant to Rule 457(o) under the Securities Act of 1933, as amended (the “Securities Act”). Pursuant to Rule 457(o) under the Securities Act and General Instruction II.D. of Form S-3, the table does not specify by each class information as to the amount to be registered or proposed maximum offering price per unit.

(3) Subject to footnote (1), there are also being registered hereunder an indeterminate principal amount or number of shares of debt securities, preferred stock or common stock that may be issued upon conversion of, or in exchange for, debt securities or preferred stock registered hereunder or upon exercise of warrants registered hereunder, as the case may be.

(4) Paid herewith.

(5) \$1,032 previously paid on August 13, 2021.

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment which specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933 or until this Registration Statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We may not sell the securities until the Registration Statement filed with the Securities and Exchange Commission, of which this prospectus is a part, is effective.

SUBJECT TO COMPLETION, DATED October 12, 2021

PROSPECTUS

STRATA Skin Sciences, Inc.

\$25,000,000

**Common Stock
Debt Securities
Rights**

**Preferred Stock
Warrants
Units**

We may offer and sell from time to time, in one or more series, any one of the following securities of our company, for total gross proceeds up to \$25,000,000:

- common stock;
- preferred stock;
- secured or unsecured debt securities consisting of notes, debentures or other evidences of indebtedness which may be senior debt securities, senior subordinated debt securities or subordinated debt securities, each of which may be convertible into equity securities;
- warrants to purchase our securities;
- rights to purchase any of the foregoing securities; or
- units comprised of, or other combinations of, the foregoing securities.

We will provide specific terms of these offerings and securities in one or more supplements to this prospectus. We may also authorize one or more free writing prospectuses to be provided to you in connection with these offerings. The prospectus supplement, and any documents incorporated by reference, may also add, update or change information contained in this prospectus. You should read this prospectus, the applicable prospectus supplement, any documents incorporated by reference and any related free writing prospectus carefully before buying any of the securities being offered.

We may offer and sell these securities to or through one or more underwriters, dealers and agents, or directly to purchasers, on a continuous or delayed basis.

Our common stock is traded on The NASDAQ Capital Market under the symbol "SSKN." The last reported sale price of our common stock on The NASDAQ Capital Market on October 11, 2021 was \$1.92 per share. The aggregate market value of our outstanding common stock held by non-affiliates is approximately \$33.4 million based on 34,364,728 shares of outstanding common stock as of October 6, 2021, of which approximately 17.3 million shares are held by non-affiliates, at a per share price of \$1.93 based on the closing sale price of our common stock on September 27, 2021, which was the highest closing price within the last 60 days prior to the date of this filing. Pursuant to General Instruction I.B.6 of Form S-3, in no event will we sell the shelf securities in a public primary offering with a value exceeding more than one-third of the aggregate market value of our voting and non-voting common equity held by non-affiliates in any 12-month period as long as the aggregate market value of our outstanding voting and non-voting common equity held by non-affiliates is less than \$75 million. As of the date hereof, during the prior 12 calendar month period, we have not offered or sold any securities pursuant to a previously filed Form S-3 pursuant to General Instruction I.B.6 of Form S-3.

Investing in our securities involves a high degree of risk. You should review carefully the risks and uncertainties described under the heading "Risk Factors" contained in the applicable prospectus supplement and in any related free writing prospectus, and under similar headings in the other documents that are incorporated by reference into this prospectus or any prospectus supplement before making a decision to purchase our securities.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is October , 2021.

TABLE OF CONTENTS

ABOUT THIS PROSPECTUS	ii
CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS	iii
INFORMATION ABOUT THE COMPANY	1
RISK FACTORS	2
USE OF PROCEEDS	3
DESCRIPTION OF CAPITAL STOCK AND SECURITIES WE MAY OFFER	3
PLAN OF DISTRIBUTION	14
LEGAL MATTERS	16
EXPERTS	16
WHERE YOU CAN FIND MORE INFORMATION	16
INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE	16

You should rely only on the information we have provided or incorporated by reference in this prospectus or in any prospectus supplement. We have not authorized anyone to provide you with information different from that contained or incorporated by reference in this prospectus or in any prospectus supplement.

This prospectus and any prospectus supplement is an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so.

You should assume that the information contained in this prospectus and in any prospectus supplement is accurate only as of their respective dates and that any information we have incorporated by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any prospective supplement or any sale of securities.

Unless the context otherwise requires, references to "we," "our," "us," or the "Company" in this prospectus mean STRATA Skin Sciences, Inc., together with its subsidiaries.

ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the Securities and Exchange Commission, or the SEC, utilizing a “shelf” registration process. Under this shelf registration process, we may offer and sell, either individually or in combination, in one or more offerings, any combination of the securities described in this prospectus, for total gross proceeds of up to \$25,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we offer securities under this prospectus, we will provide a prospectus supplement that will contain more specific information about the terms of that offering. We may also authorize one or more free writing prospectuses to be provided to you that may contain material information relating to these offerings. The prospectus supplement and any related free writing prospectus that we may authorize to be provided to you may also add, update or change any of the information contained in this prospectus or in the documents that we have incorporated by reference into this prospectus.

We may deliver a prospectus supplement with this prospectus, to the extent appropriate, to update the information contained in this prospectus. The prospectus supplement may also add, update or change information included in this prospectus. You should read both this prospectus and any applicable prospectus supplement, together with additional information described below under the captions “Where You Can Find More Information” and “Incorporation of Certain Information by Reference.”

No offer of these securities will be made in any jurisdiction where the offer is not permitted.

CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus and any accompanying prospectus supplement and the documents we have filed or will file with the SEC that are or will be incorporated by reference into this prospectus and the accompanying prospectus supplement contain forward-looking statements, within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), that involve risks and uncertainties. Any statements contained, or incorporated by reference, in this prospectus and any accompanying prospectus that are not statements of historical fact may be forward-looking statements. When we use the words “anticipate,” “believe,” “could,” “estimate,” “expect,” “intend,” “may,” “plan,” “predict,” “project,” “will” and other similar terms and phrases, including references to assumptions, we are identifying forward-looking statements. Forward-looking statements involve risks and uncertainties which may cause our actual results, performance or achievements to be materially different from those expressed or implied by forward-looking statements.

Our forward-looking statements reflect our current expectations about our future results, performance, liquidity, financial condition, prospects and opportunities, and are based upon information currently available to us, our interpretation of what we believe to be significant factors affecting our business and many assumptions regarding future events. Actual results, performance, liquidity, financial condition, prospects and opportunities could differ materially from those expressed in, or implied by, our forward-looking statements. This could occur as a result of various risks and uncertainties, including the following:

- forecasts of future business performance, consumer trends and macro-economic conditions;
- descriptions of market, competitive conditions, and competitive product introductions;
- descriptions of plans or objectives of management for future operations, products or services;
- actions by the FDA or other regulatory agencies with respect to our products or product candidates;
- changes to third-party reimbursement of laser treatments using our devices;
- our estimates regarding the sufficiency of our cash resources, expenses, capital requirements and needs for additional financing and our ability to obtain additional financing;
- our ability to protect our intellectual property and operate our business without infringing upon the intellectual property rights of others;
- anticipated results of existing or future litigation;
- our ability to grow an at-home phototherapy business;
- health emergencies, the spread of infectious disease or pandemics;
- our ability to protect our business against cybersecurity threats;
- our ability to attract and retain key members of our management team;
- our ability to successfully grow by acquisition as well as organically;
- descriptions or assumptions underlying or related to any of the above items; and
- other factors.

In light of these risks and uncertainties, and others discussed in this prospectus there can be no assurance that any matters covered by our forward-looking statements will develop as predicted, expected or implied. Readers should not place undue reliance on any forward-looking statements. Except as expressly required by the federal securities laws, we undertake no obligation to publicly update or revise any forward-looking statements, whether as a result of new information, future events, changed circumstances or any other reason. We advise you to carefully review the reports and documents we file from time to time with the SEC.

INFORMATION ABOUT THE COMPANY

Overview

We are a medical technology company in dermatology dedicated to developing, commercializing and marketing innovative products for the treatment of dermatologic conditions. Our products include the XTRAC® excimer laser and VTRAC® lamp systems utilized in the treatment of psoriasis, vitiligo and various other skin conditions.

The XTRAC ultraviolet light excimer laser system is utilized to treat psoriasis, vitiligo and other skin diseases. The XTRAC excimer laser system received clearance from the United States Food and Drug Administration in 2000 and has since become a widely recognized treatment among dermatologists. The system delivers targeted 308nm ultraviolet light to affected areas of skin, leading to psoriasis clearing and vitiligo repigmentation, following a series of treatments. Under the dermatology recurring procedure model, the XTRAC system is placed in a physician's office and fees are charged on a per procedure basis or a fee is charged on a periodic basis not to exceed an agreed upon number of procedures.

We were incorporated in the State of New York in 1989 under the name Electro-Optical Sciences, Inc. and subsequently reincorporated under the laws of the State of Delaware in 1997. In April 2010, we changed our name to MELA Sciences, Inc. On January 5, 2016, we changed our name to STRATA Skin Sciences, Inc.

Our principal executive offices are located at 5 Walnut Grove Drive, Suite 140, Horsham, Pennsylvania 19044. Our telephone number is (215) 619-3200 and our website address is www.strataskin.com. The information found on our website is not part of this prospectus.

RISK FACTORS

We have included discussions of the risks, uncertainties and assumptions under the heading “Risk Factors” included in our Annual Report on Form 10-K for the year ended December 31, 2020, which risk factors are incorporated by reference into this prospectus. See “Where You Can Find More Information” for an explanation of how to get a copy of this report. Additional risks related to our securities may also be described in a prospectus supplement and in any related free writing prospectus that we may authorize to be provided to you.

Investing in our securities involves a high degree of risk.

Before deciding whether to invest in our securities, you should carefully consider the risk factors we describe in any prospectus supplement and in any related free writing prospectus that we may authorize to be provided to you or in any report incorporated by reference into this prospectus or such prospectus supplement, including our Annual Report on Form 10-K for the year ended December 31, 2020, our Quarterly Report on Form 10-Q for the quarterly periods ended March 31, 2021 and June 30, 2021, and our Forms 8-K that are incorporated by reference into this prospectus or such prospectus supplement after the date of this prospectus. Although we discuss key risks in those risk factor descriptions, additional risks not currently known to us or that we currently deem immaterial also may impair our business. Our subsequent filings with the SEC may contain amended and updated discussions of significant risks. We cannot predict future risks or estimate the extent to which they may affect our financial performance.

Please also read carefully the section above entitled “Cautionary Note Regarding Forward-Looking Statements.”

Our management team may invest or spend the proceeds of this offering in ways with which you may not agree or in ways which may not yield a significant return.

Our management will have broad discretion over the use of proceeds from this offering. The net proceeds from this offering will be used for general corporate purposes, which may include, among other things, increasing our working capital and funding research and development, and capital expenditures. Our management will have considerable discretion in the application of the net proceeds, and you will not have the opportunity, as part of your investment decision, to assess whether the proceeds are being used appropriately. The net proceeds may be used for corporate purposes that do not increase our operating results or enhance the value of our common stock.

You may experience future dilution as a result of future equity offerings.

In order to raise additional capital, we may in the future offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock. We cannot assure you that we will be able to sell shares or other securities in any other offering at a price per share that is equal to or greater than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock or other securities convertible into or exchangeable for our common stock in future transactions may be higher or lower than the price per share in this offering. As of June 30, 2021, approximately 7.0 million shares of common stock that are either subject to outstanding options, issuable upon vesting of outstanding restricted stock units, or reserved for future issuance under our equity incentive plans are eligible for sale in the public market to the extent permitted by the provisions of various vesting schedules and Rule 144 and Rule 701 under the Securities Act. On July 7, 2021, our stockholders authorized increasing the number of shares available under our equity incentive plan by 2.7 million shares. On September 30, 2021, we issued a stock purchase warrant, with a ten-year term, to MidCap Funding XXVII Trust to purchase 373,626 shares of our common stock at an exercise price equal to \$1.82.

USE OF PROCEEDS

Except as otherwise disclosed in the applicable prospectus supplement, we intend to use the net proceeds from the sales of securities hereunder for the clinical and regulatory advancement of our product candidates; for commercialization of our products, including potential sales and marketing of products on our own behalf; for potential acquisitions of new technologies and products; and to meet working capital needs. The amounts and timing of our use of the net proceeds from this offering will depend on a number of factors, such as the timing and progress of our research and development efforts, the timing and progress of any partnering and commercialization efforts, technological advances and the competitive environment for our products. As of the date of this prospectus, we cannot specify with certainty all of the particular uses for the net proceeds to us from the sale of the securities offered by us hereunder and the applicable prospectus supplement. Accordingly, our management will have broad discretion in the timing and application of these proceeds. Pending application of the net proceeds as described above, we intend to temporarily invest the proceeds in short-term, interest-bearing instruments.

DESCRIPTION OF CAPITAL STOCK AND SECURITIES WE MAY OFFER

General

The following description of the material provisions of our capital stock (which includes a description of securities we may offer pursuant to the registration statement of which this prospectus, as the same may be supplemented, forms a part) does not purport to be complete and is based on and qualified by our Certificate of Incorporation, as amended and restated (the "Charter"), our Bylaws, and our Warrant Agreement to Purchase Shares of the Common Stock of STRATA Skin Sciences, Inc., dated as of September 30, 2021, between us and MidCap Funding XXVII Trust ("Warrant Agreement"), each of which is incorporated by reference in the registration statement of which this prospectus is a part. The summary below is also qualified by reference to provisions of the Delaware General Corporation Law ("DGCL").

Our authorized capital stock consists of 160,000,000 shares, consisting of 150,000,000 shares of common stock, \$0.001 par value per share, and 10,000,000 shares of preferred stock, \$0.10 par value per share. As of October 6, 2021, our outstanding capital stock consists of 34,364,728 shares of common stock, and no shares of preferred stock. These figures do not include securities that may be issued upon exercise or vesting of our outstanding derivative securities including our options to purchase shares of common stock and restricted stock units under our equity incentive plans and a stock purchase warrant.

We, directly or through agents, dealers or underwriters designated from time to time, may offer, issue and sell, together or separately, up to \$25,000,000 in the aggregate of:

- common stock;
- preferred stock;
- secured or unsecured debt securities consisting of notes, debentures or other evidences of indebtedness which may be senior debt securities, senior subordinated debt securities or subordinated debt securities, each of which may be convertible into equity securities;
- warrants to purchase our securities;
- rights to purchase our securities; or
- units comprised of, or other combinations of, the foregoing securities.

We may issue the debt securities as exchangeable for or convertible into shares of common stock, preferred stock or other securities. The preferred stock may also be exchangeable for and/or convertible into shares of common stock, another series of preferred stock or other securities. The debt securities, the preferred stock, the common stock and the warrants are collectively referred to in this prospectus as the "securities." When a particular series of securities is offered, a supplement to this prospectus will be delivered with this prospectus, which will set forth the terms of the offering and sale of the offered securities.

Common Stock

As of October 6, 2021, there were 34,364,728 shares of Common Stock issued and outstanding. The outstanding shares of Common Stock are duly authorized, validly issued, fully paid and non-assessable.

Voting Power

Except as otherwise required by law or as provided in any certificate of designation for any series of Preferred Stock, the holders of Common Stock possess all the voting power for the election of our directors and all other matters requiring stockholder action. Holders of Common Stock are entitled to one vote per share held of record on matters to be voted on by stockholders.

Dividends

Holders of Common Stock will be entitled to receive such dividends, if any, as may be declared from time to time by our board of directors in its discretion out of funds legally available therefor and shall share equally on a per share basis in such dividends and distributions, provided that such holder is not an Unsuitable Person (as defined below).

Liquidation, Dissolution and Winding-Up

In the event of our voluntary or involuntary liquidation, dissolution, distribution of assets or winding-up, the holders of our Common Stock will be entitled to receive an equal amount per share of all of our assets of whatever kind available for distribution to stockholders, after the rights of our creditors and the rights of holders of Preferred Stock, if any, have been satisfied.

Preemptive or Other Rights

There are no sinking fund provisions applicable to the Common Stock. Our stockholders have no preemptive or other subscription rights.

Preferred Stock

Our board of directors has the authority to issue up to an aggregate of 10,000,000 shares of Preferred Stock in one or more series, and to fix the designations, preferences, rights, qualifications, limitations and restrictions thereof or thereon, without any further vote or action by the stockholders. No shares of Preferred Stock are outstanding as of the date hereof.

You should refer to the prospectus supplement relating to the series of preferred stock being offered for the specific terms of that series, including:

- the title of the series and the number of shares in the series;
- the price at which the preferred stock will be offered;
- the dividend rate or rates or method of calculating the rates, the dates on which the dividends will be payable, whether or not dividends will be cumulative or noncumulative and, if cumulative, the dates from which dividends on the preferred stock being offered will cumulate;
- the voting rights, if any, of the holders of shares of the preferred stock being offered;
- the provisions for a sinking fund, if any, and the provisions for redemption, if applicable, of the preferred stock being offered, including any restrictions on the foregoing as a result of arrearage in the payment of dividends or sinking fund installments;

- the liquidation preference per share;
- the terms and conditions, if applicable, upon which the preferred stock being offered will be convertible into our common stock, including the conversion price, or the manner of calculating the conversion price, and the conversion period;
- the terms and conditions, if applicable, upon which the preferred stock being offered will be exchangeable for debt securities, including the exchange price, or the manner of calculating the exchange price, and the exchange period;
- any listing of the preferred stock being offered on any securities exchange;
- a discussion of any material federal income tax considerations applicable to the preferred stock being offered;
- any preemptive rights;
- the relative ranking and preferences of the preferred stock being offered as to dividend rights and rights upon liquidation, dissolution or the winding up of our affairs;
- any limitations on the issuance of any class or series of preferred stock ranking senior or equal to the series of preferred stock being offered as to dividend rights and rights upon liquidation, dissolution or the winding up of our affairs; and
- any additional rights, preferences, qualifications, limitations and restrictions of the series.

Upon issuance, the shares of preferred stock will be fully paid and nonassessable, which means that its holders will have paid their purchase price in full and we may not require them to pay additional funds.

Any preferred stock terms selected by our board of directors could decrease the amount of earnings and assets available for distribution to holders of our common stock or adversely affect the rights and power, including voting rights, of the holders of our common stock without any further vote or action by the stockholders. The rights of holders of our common stock will be subject to, and may be adversely affected by, the rights of the holders of any preferred stock that may be issued by us in the future. The issuance of preferred stock could also have the effect of delaying or preventing a change in control of our company or make removal of management more difficult.

Certain Anti-Takeover Provisions of Our Charter and Bylaws and Certain Provisions of Delaware Law

Our Charter and Bylaws contain provisions that could have the effect of delaying or preventing changes in control or changes in our management without the consent of our board of directors. These provisions include:

- no cumulative voting in the election of directors, which limits the ability of minority stockholders to elect director candidates;
- the exclusive right of our board of directors to elect a director to fill a vacancy created by the expansion of the board of directors or the resignation, death, or removal of a director with or without cause by stockholders, which prevents stockholders from being able to fill vacancies on our board of directors;
- the ability of our board of directors to determine whether to issue shares of our Preferred Stock and to determine the price and other terms of those shares, including preferences and voting rights, without stockholder approval, which could be used to significantly dilute the ownership of a hostile acquirer;
- limiting the liability of, and providing indemnification to, our directors and officers;

- specifying the Court of Chancery of the State of Delaware as the exclusive forum for adjudication of disputes;
- controls over the procedures for the conduct and scheduling of stockholder meetings; and
- advance notice procedures that stockholders must comply with in order to nominate candidates to our board of directors or to propose matters to be acted upon at a stockholders' meeting, which may discourage or deter a potential acquirer from conducting a solicitation of proxies to elect the acquirer's own slate of directors or otherwise attempting to obtain control of us.

These provisions, singly or together, could delay hostile takeovers and changes in control of us or changes in our board of directors and management.

As a Delaware corporation, we are also subject to provisions of Delaware law, including Section 203 of the DGCL, which prevents some stockholders holding more than 15% of our outstanding Common Stock from engaging in certain business combinations without approval of the holders of substantially all of our outstanding Common Stock. Any provision of our Charter or Bylaws, or Delaware law that has the effect of delaying or deterring a change in control could limit the opportunity for our stockholders to receive a premium for their shares of our Common Stock and could also affect the price that some investors are willing to pay for our Common Stock.

MidCap Warrant

As of October 6, 2021, there is a warrant outstanding exercisable for 373,626 shares of Common Stock ("MidCap Warrant").

The MidCap Warrant was originally issued in connection with a loan and security agreement between us and MidCap Financial Trust ("MidCap"). Pursuant to the terms of the Warrant Agreement, the MidCap Warrant entitles the registered holder to purchase one share of our Common Stock at a price of \$1.82, subject to adjustment as discussed below. The MidCap Warrant may be exercised only for a whole number of shares of our Common Stock. The MidCap Warrant is exercisable and will expire on September 30, 2031, which shall be automatically exercised on a "cashless" basis upon expiration if the fair market value of our Common Stock is greater than the exercise price of the MidCap Warrant on the expiration date of the MidCap Warrant.

The MidCap Warrant provides that the holder thereof may elect to exercise the warrant on a net "cashless" basis at any time prior to the expiration thereof. Pursuant to a registration rights agreement, we agreed to file a registration statement covering the resale of the shares underlying the MidCap Warrant by November 14, 2021.

In connection with a Merger Event (defined below) that is a Liquid Sale (defined below) where the value per share of our Common Stock is greater than the exercise price then in effect, the MidCap Warrant shall, on and after the closing of the Merger Event, automatically and without further action on the part of any party or other person, represent the right to receive, in lieu of the shares of our Common Stock that are issuable under the Warrant Agreement as of immediately prior to the closing of such Merger Event, the consideration payable on or in respect of such shares of our Common Stock less the amount equal to then-effective exercise price multiplied by the number of shares of our Common Stock as to which the MidCap Warrant is then exercised (such amount being the "purchase price") for all such shares of our Common Stock (such consideration to include both the consideration payable at the closing of such Merger Event and all deferred consideration payable thereafter, if any, including, but not limited to, payments of amounts deposited at such closing into escrow and payments in the nature of earn-outs, milestone payments or other performance-based payments), and such Merger Event consideration shall be paid to the holder of the MidCap Warrant as and when it is paid to the holders of the outstanding shares of our Common Stock; provided, however, in the event of a Merger Event that is an arms length sale of all or substantially all of our assets (and only its assets) to a third party that is not an affiliate of us (a "True Asset Sale"), the holder of the MidCap Warrant may either (a) exercise its conversion or purchase right under the MidCap Warrant and such exercise will be deemed effective immediately prior to the consummation of such Merger Event, or (b) permit the MidCap Warrant to continue for the term of the Warrant Agreement if we continue as a going concern following the closing of any such True Asset Sale. In connection with a Merger Event that is not a Liquid Sale, we shall cause the successor or surviving entity to assume the Warrant Agreement and our obligations thereunder on the closing thereof, and thereafter the MidCap Warrant shall be exercisable for the same number, class, and type of securities or other property as the holder of the MidCap Warrant would have received in consideration for the shares

of our Common Stock issuable under the Warrant Agreement had it exercised the MidCap Warrant in full as of immediately prior to such closing, at an aggregate exercise price no greater than the aggregate exercise price in effect as of immediately prior to such closing, and subject to further adjustment from time to time in accordance with the provisions of this Agreement. This provision shall similarly apply to successive Merger Events. For purposes of this section of the Prospectus:

- A “Merger Event” means any of the following: (i) a sale, lease or other transfer of all or substantially all of our assets, (ii) any merger or consolidation involving us in which we are not the surviving entity or in which our outstanding shares of capital stock are otherwise converted into or exchanged for shares of capital stock or other securities or property of another entity or converted into the right to receive cash, or (iii) any sale by holders of our outstanding voting equity securities in a single transaction or series of related transactions of shares constituting a majority of the outstanding combined voting power of us; and
- A “Liquid Sale” means the closing of a Merger Event in which the consideration received by us and/or our stockholders, as applicable, consists solely of cash and/or securities meeting all of the following requirements:
 - o the issuer thereof is then subject to the reporting requirements of Section 13 or Section 15(d) of the Exchange Act and is then current in its filing of all required reports and other information under the Act and the Exchange Act;
 - o the class and series of shares or other security of the issuer that would be received by the holder of the MidCap Warrant in connection with the Merger Event were the holder to exercise the MidCap Warrant on or prior to the closing thereof is then traded on a national securities exchange or over-the-counter market, and
 - o following the closing of such Merger Event, the holder of the MidCap Warrant would not be restricted from publicly re-selling all of the issuer’s shares and/or other securities that would be received by the holder in such Merger Event were the holder to exercise the MidCap Warrant in full on or prior to the closing of such Merger Event, except to the extent that any such restriction (x) arises solely under federal or state securities laws, rules or regulations, and (y) does not extend beyond six (6) months from the closing of such Merger Event.

Except for Merger Events discussed above, if we at any time shall, by combination, reclassification, exchange or subdivision of securities or otherwise, change any of the securities as to which purchase rights under the Warrant Agreement exist into the same or a different number of securities of any other class or classes of securities, the Warrant Agreement shall thereafter represent the right to acquire such number and kind of securities as would have been issuable as the result of such change with respect to the securities which were subject to the purchase rights under the Warrant Agreement immediately prior to such combination, reclassification, exchange, subdivision or other change. This provision shall similarly apply to successive combination, reclassification, exchange, subdivision or other change.

If we at any time shall combine or subdivide our Common Stock, (i) in the case of a subdivision, the exercise price of the MidCap Warrant shall be proportionately decreased and the number of shares for which the MidCap Warrant is exercisable shall be proportionately increased, or (ii) in the case of a combination, the exercise price of the MidCap Warrant shall be proportionately increased and the number of shares for which the MidCap Warrant is exercisable shall be proportionately decreased.

If we at any time while the Warrant Agreement is outstanding and unexpired shall pay a dividend with respect to the outstanding shares of our Common Stock payable in additional shares of our Common Stock, then the exercise price of the MidCap Warrant shall be adjusted to that price determined by multiplying the exercise price in effect immediately prior to such date of determination by a fraction (i) the numerator of which shall be the total number of shares of our Common Stock outstanding immediately prior to such dividend or distribution, and (ii) the denominator of which shall be the total number of shares of our Common Stock outstanding immediately after such dividend or distribution, and the number of shares of our Common Stock for which the MidCap Warrant is exercisable shall be proportionately increased.

If we at any time while the Warrant Agreement is outstanding and unexpired shall make any other dividend or distribution on or with respect to our Common Stock, except any dividend or distribution (i) in cash, or (ii) specifically provided for in any other clause of the Warrant Agreement, then, in each such case, provision shall be made by us such that the holder of the MidCap Warrant shall receive upon exercise or conversion of the MidCap Warrant a proportionate share of any such distribution as though it were the holder of our Common Stock (or other stock for which our Common Stock is convertible) as of the record date fixed for the determination of our stockholders entitled to receive such distribution.

MidCap Credit Facility

On September 30, 2021, we entered into an \$8.0 million senior secured credit facility (the “Credit Facility”) with MidCap pursuant to that certain Credit and Security Agreement with MidCap as agent and the lenders party thereto (the “MidCap Credit Agreement”), of which the full amount was drawn by us on September 30, 2021. Borrowings under the Credit Facility bear interest at a rate per annum equal to LIBOR (with a LIBOR floor rate of 0.50%) plus 7.50%. We are obligated to make only interest payments (payable monthly in arrears) through September 30, 2024. Commencing on October 1, 2024 and continuing for the remaining twenty-four months of the facility, we will be required to make monthly interest payments and monthly principal payments based on the amortization schedule set forth in the MidCap Credit Agreement, subject to certain adjustments as described in the MidCap Credit Agreement. The final maturity date under the MidCap Credit Agreement is September 1, 2026, unless earlier terminated.

Further, the MidCap Credit Agreement contains a quarterly financial covenant that requires us to not have less than \$24.0 million of net revenue (raised to \$30.0 million by December 31, 2023) for the trailing 12-month period as of September 30, 2021, with compliance measured on the last day of each fiscal quarter beginning on September 30, 2021. Further, there are additional covenants that, among other things, restrict our ability and certain of our subsidiaries to (i) incur, assume or guarantee additional indebtedness; (ii) pay dividends or redeem or repurchase capital stock; (iii) make other restricted payments; (iv) incur liens; (v) redeem debt that is junior in right of payment to the Credit Facility; (vi) sell or otherwise dispose of assets, including capital stock of subsidiaries; (vii) enter into mergers or consolidations; and (viii) enter into transactions with affiliates. These covenants are subject to a number of exceptions and qualifications.

Rule 144

Under Rule 144, a person who has beneficially owned restricted shares of our common stock or warrants for at least six months may be entitled to sell such shares, provided that such person is not deemed to have been one of our affiliates at the time of, or at any time during the three months preceding, a sale; and we are subject to the Exchange Act periodic reporting requirements for at least three months before the sale and have filed all required reports under Section 13 or 15(d) of the Exchange Act during the 12 months (or such shorter period as we were required to file reports) preceding the sale.

Persons who have beneficially owned restricted shares of our common stock or warrants for at least six months but who are our affiliates at the time of, or at any time during the three months preceding, a sale, would be subject to additional restrictions, by which such person would be entitled to sell within any three-month period only a number of shares that does not exceed the greater of:

- 1% of the total number of shares of common stock then outstanding, or
- the average weekly reported trading volume of the common stock during the four calendar weeks preceding the filing of a notice on Form 144 with respect to the sale.

Sales by our affiliates under Rule 144 are also limited by manner of sale provisions, notice requirements and requirements as to the availability of current public information about us.

Debt Securities

As used in this prospectus, the term “debt securities” means the debentures, notes, bonds and other evidences of indebtedness that we may issue from time to time. The debt securities will either be senior debt securities, senior

subordinated debt or subordinated debt securities. We may also issue convertible debt securities. Debt securities issued under an indenture (which we refer to herein as an Indenture) will be entered into between us and a trustee to be named therein. It is likely that convertible debt securities will not be issued under an Indenture.

The Indenture or forms of Indentures, if any, will be filed as exhibits to the registration statement of which this prospectus is a part. The statements and descriptions in this prospectus or in any prospectus supplement regarding provisions of the Indentures and debt securities are summaries thereof, do not purport to be complete and are subject to, and are qualified in their entirety by reference to, all of the provisions of the Indentures (and any amendments or supplements we may enter into from time to time which are permitted under each Indenture) and the debt securities, including the definitions therein of certain terms.

General

Unless otherwise specified in a prospectus supplement, the debt securities will be direct secured or unsecured obligations of our company. The senior debt securities will rank equally with any of our other unsecured senior and unsubordinated debt. The subordinated debt securities will be subordinate and junior in right of payment to any senior indebtedness.

We may issue debt securities from time to time in one or more series, in each case with the same or various maturities, at par or at a discount. Unless indicated in a prospectus supplement, we may issue additional debt securities of a particular series without the consent of the holders of the debt securities of such series outstanding at the time of the issuance. Any such additional debt securities, together with all other outstanding debt securities of that series, will constitute a single series of debt securities under the applicable Indenture and will be equal in ranking.

Should an indenture relate to unsecured indebtedness, in the event of a bankruptcy or other liquidation event involving a distribution of assets to satisfy our outstanding indebtedness or an event of default under a loan agreement relating to secured indebtedness of our company or its subsidiaries, the holders of such secured indebtedness, if any, would be entitled to receive payment of principal and interest prior to payments on the senior indebtedness issued under an Indenture.

Prospectus Supplement

Each prospectus supplement will describe the terms relating to the specific series of debt securities being offered. These terms will include some or all of the following:

- the title of debt securities and whether they are subordinated, senior subordinated or senior debt securities;
- any limit on the aggregate principal amount of debt securities of such series;
- the percentage of the principal amount at which the debt securities of any series will be issued;
- the ability to issue additional debt securities of the same series;
- the purchase price for the debt securities and the denominations of the debt securities;
- the specific designation of the series of debt securities being offered;
- the maturity date or dates of the debt securities and the date or dates upon which the debt securities are payable and the rate or rates at which the debt securities of the series shall bear interest, if any, which may be fixed or variable, or the method by which such rate shall be determined;
- the basis for calculating interest if other than 360-day year or twelve 30-day months;
- the date or dates from which any interest will accrue or the method by which such date or dates will be determined;

- the duration of any deferral period, including the maximum consecutive period during which interest payment periods may be extended;
- whether the amount of payments of principal of (and premium, if any) or interest on the debt securities may be determined with reference to any index, formula or other method, such as one or more currencies, commodities, equity indices or other indices, and the manner of determining the amount of such payments;
- the dates on which we will pay interest on the debt securities and the regular record date for determining who is entitled to the interest payable on any interest payment date;
- the place or places where the principal of (and premium, if any) and interest on the debt securities will be payable, where any securities may be surrendered for registration of transfer, exchange or conversion, as applicable, and notices and demands may be delivered to or upon us pursuant to the applicable Indenture;
- the rate or rates of amortization of the debt securities;
- if we possess the option to do so, the periods within which and the prices at which we may redeem the debt securities, in whole or in part, pursuant to optional redemption provisions, and the other terms and conditions of any such provisions;
- our obligation or discretion, if any, to redeem, repay or purchase debt securities by making periodic payments to a sinking fund or through an analogous provision or at the option of holders of the debt securities, and the period or periods within which and the price or prices at which we will redeem, repay or purchase the debt securities, in whole or in part, pursuant to such obligation, and the other terms and conditions of such obligation;
- the terms and conditions, if any, regarding the option or mandatory conversion or exchange of debt securities;
- the period or periods within which, the price or prices at which and the terms and conditions upon which any debt securities of the series may be redeemed, in whole or in part at our option and, if other than by a board resolution, the manner in which any election by us to redeem the debt securities shall be evidenced;
- any restriction or condition on the transferability of the debt securities of a particular series;
- the portion, or methods of determining the portion, of the principal amount of the debt securities which we must pay upon the acceleration of the maturity of the debt securities in connection with any event of default if other than the full principal amount;
- the currency or currencies in which the debt securities will be denominated and in which principal, any premium and any interest will or may be payable or a description of any units based on or relating to a currency or currencies in which the debt securities will be denominated;
- provisions, if any, granting special rights to holders of the debt securities upon the occurrence of specified events;
- any deletions from, modifications of or additions to the events of default or our covenants with respect to the applicable series of debt securities, and whether or not such events of default or covenants are consistent with those contained in the applicable Indenture;
- any limitation on our ability to incur debt, redeem stock, sell our assets or other restrictions;
- the application, if any, of the terms of the applicable Indenture relating to defeasance and covenant defeasance (which terms are described below) to the debt securities;
- what subordination provisions will apply to the debt securities;

- the terms, if any, upon which the holders may convert or exchange the debt securities into or for our common stock, preferred stock or other securities or property;
- whether we are issuing the debt securities in whole or in part in global form;
- any change in the right of the trustee or the requisite holders of debt securities to declare the principal amount thereof due and payable because of an event of default;
- the depository for global or certificated debt securities, if any;
- any material federal income tax consequences applicable to the debt securities, including any debt securities denominated and made payable, as described in the prospectus supplements, in foreign currencies, or units based on or related to foreign currencies;
- any right we may have to satisfy, discharge and defease our obligations under the debt securities, or terminate or eliminate restrictive covenants or events of default in the Indentures, by depositing money or U.S. government obligations with the trustee of the Indentures;
- the names of any trustees, depositories, authenticating or paying agents, transfer agents or registrars or other agents with respect to the debt securities;
- to whom any interest on any debt security shall be payable, if other than the person in whose name the security is registered, on the record date for such interest, the extent to which, or the manner in which, any interest payable on a temporary global debt security will be paid if other than in the manner provided in the applicable Indenture;
- if the principal of or any premium or interest on any debt securities is to be payable in one or more currencies or currency units other than as stated, the currency, currencies or currency units in which it shall be paid and the periods within and terms and conditions upon which such election is to be made and the amounts payable (or the manner in which such amount shall be determined);
- the portion of the principal amount of any debt securities which shall be payable upon declaration of acceleration of the maturity of the debt securities pursuant to the applicable Indenture if other than the entire principal amount;
- if the principal amount payable at the stated maturity of any debt security of the series will not be determinable as of any one or more dates prior to the stated maturity, the amount which shall be deemed to be the principal amount of such debt securities as of any such date for any purpose, including the principal amount thereof which shall be due and payable upon any maturity other than the stated maturity or which shall be deemed to be outstanding as of any date prior to the stated maturity (or, in any such case, the manner in which such amount deemed to be the principal amount shall be determined); and
- any other specific terms of the debt securities, including any modifications to the events of default under the debt securities and any other terms which may be required by or advisable under applicable laws or regulations.

Unless otherwise specified in the applicable prospectus supplement, the debt securities will not be listed on any securities exchange. Holders of the debt securities may present registered debt securities for exchange or transfer in the manner described in the applicable prospectus supplement. Except as limited by the applicable Indenture, we will provide these services without charge, other than any tax or other governmental charge payable in connection with the exchange or transfer.

Debt securities may bear interest at a fixed rate or a variable rate as specified in the prospectus supplement. In addition, if specified in the prospectus supplement, we may sell debt securities bearing no interest or interest at a rate that at the time of issuance is below the prevailing market rate, or at a discount below their stated principal amount. We will describe in the applicable prospectus supplement any special federal income tax considerations applicable to these discounted debt securities.

We may issue debt securities with the principal amount payable on any principal payment date, or the amount of interest payable on any interest payment date, to be determined by referring to one or more currency exchange rates, commodity prices, equity indices or other factors. Holders of such debt securities may receive a principal amount on any principal payment date, or interest payments on any interest payment date, that are greater or less than the amount of principal or interest otherwise payable on such dates, depending upon the value on such dates of applicable currency, commodity, equity index or other factors. The applicable prospectus supplement will contain information as to how we will determine the amount of principal or interest payable on any date, as well as the currencies, commodities, equity indices or other factors to which the amount payable on that date relates and certain additional tax considerations.

Warrants

We may issue warrants for the purchase of our common stock, preferred stock or debt securities or any combination thereof. Warrants may be issued independently or together with our common stock, preferred stock or debt securities and may be attached to or separate from any offered securities. To the extent warrants that we issue are to be publicly-traded, each series of such warrants will be issued under a separate warrant agreement to be entered into between us and a bank or trust company, as warrant agent. The warrant agent will act solely as our agent in connection with such warrants. The warrant agent will not have any obligation or relationship of agency or trust for or with any holders or beneficial owners of warrants.

We will file as exhibits to the registration statement of which this prospectus is a part, or will incorporate by reference from a current report on Form 8-K that we file with the SEC, forms of the warrant and warrant agreement, if any. The prospectus supplement relating to any warrants that we may offer will contain the specific terms of the warrants and a description of the material provisions of the applicable warrant agreement, if any. These terms may include the following:

- the title of the warrants;
- the price or prices at which the warrants will be issued;
- the designation, amount and terms of the securities or other rights for which the warrants are exercisable;
- the designation and terms of the other securities, if any, with which the warrants are to be issued and the number of warrants issued with each other security;
- the aggregate number of warrants;
- any provisions for adjustment of the number or amount of securities receivable upon exercise of the warrants or the exercise price of the warrants;
- the price or prices at which the securities or other rights purchasable upon exercise of the warrants may be purchased;
- if applicable, the date on and after which the warrants and the securities or other rights purchasable upon exercise of the warrants will be separately transferable;
- a discussion of any material U.S. federal income tax considerations applicable to the exercise of the warrants;
- the date on which the right to exercise the warrants will commence, and the date on which the right will expire;
- the maximum or minimum number of warrants that may be exercised at any time;
- information with respect to book-entry procedures, if any; and
- any other terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

Exercise of Warrants. Each warrant will entitle the holder of warrants to purchase the amount of securities or other rights, at the exercise price stated or determinable in the prospectus supplement for the warrants. Warrants may be exercised at any time up to the close of business on the expiration date shown in the applicable prospectus supplement, unless otherwise specified in such prospectus supplement. After the close of business on the expiration date, if applicable,

unexercised warrants will become void. Warrants may be exercised in the manner described in the applicable prospectus supplement. When the warrant holder makes the payment and properly completes and signs the warrant certificate at the corporate trust office of the warrant agent, if any, or any other office indicated in the prospectus supplement, we will, as soon as possible, forward the securities or other rights that the warrant holder has purchased. If the warrant holder exercises less than all of the warrants represented by the warrant certificate, we will issue a new warrant certificate for the remaining warrants.

Rights

We may issue rights to purchase our securities. The rights may or may not be transferable by the persons purchasing or receiving the rights. In connection with any rights offering, we may enter into a standby underwriting or other arrangement with one or more underwriters or other persons pursuant to which such underwriters or other persons would purchase any offered securities remaining unsubscribed for after such rights offering. Each series of rights will be issued under a separate rights agent agreement to be entered into between us and one or more banks, trust companies or other financial institutions, as rights agent, which we will name in the applicable prospectus supplement. The rights agent will act solely as our agent in connection with the rights and will not assume any obligation or relationship of agency or trust for or with any holders of rights certificates or beneficial owners of rights.

The prospectus supplement relating to any rights that we offer will include specific terms relating to the offering, including, among other matters:

- the date of determining the security holders entitled to the rights distribution;
- the aggregate number of rights issued and the aggregate amount of securities purchasable upon exercise of the rights;
- the exercise price;
- the conditions to completion of the rights offering;
- the date on which the right to exercise the rights will commence and the date on which the rights will expire; and
- any applicable federal income tax considerations.

Each right would entitle the holder of the rights to purchase for cash the principal amount of securities at the exercise price set forth in the applicable prospectus supplement. Rights may be exercised at any time up to the close of business on the expiration date for the rights provided in the applicable prospectus supplement. After the close of business on the expiration date, all unexercised rights will become void.

If less than all of the rights issued in any rights offering are exercised, we may offer any unsubscribed securities directly to persons other than our security holders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement.

Units

We may issue units consisting of any combination of the other types of securities offered under this prospectus in one or more series. We may evidence each series of units by unit certificates that we may issue under a separate agreement. We may enter into unit agreements with a unit agent. Each unit agent, if any, may be a bank or trust company that we select. We will indicate the name and address of the unit agent, if any, in the applicable prospectus supplement relating to a particular series of units. Specific unit agreements, if any, will contain additional important terms and provisions. We will file as an exhibit to the registration statement of which this prospectus is a part, or will incorporate by reference from a current report that we file with the SEC, the form of unit and the form of each unit agreement, if any, relating to units offered under this prospectus.

If we offer any units, certain terms of that series of units will be described in the applicable prospectus supplement, including, without limitation, the following, as applicable

- the title of the series of units;
- identification and description of the separate constituent securities comprising the units;
- the price or prices at which the units will be issued;
- the date, if any, on and after which the constituent securities comprising the units will be separately transferable;
- a discussion of certain United States federal income tax considerations applicable to the units; and
- any other material terms of the units and their constituent securities.

Transfer Agent and Registrar

American Stock Transfer & Trust Company, LLC is the transfer agent and registrar for our common stock.

Listing

Our common stock is quoted on The NASDAQ Capital Market under the trading symbol “SSKN.”

PLAN OF DISTRIBUTION

We may sell the securities from time to time pursuant to underwritten public offerings, direct sales to the public, negotiated transactions, block trades or a combination of these methods. We may sell the securities to or through underwriters or dealers, through agents, or directly to one or more purchasers. We may distribute securities from time to time in one or more transactions:

- at a fixed price or prices, which may be changed;
- at market prices prevailing at the time of sale;
- at prices related to such prevailing market prices; or
- at negotiated prices.

A prospectus supplement or supplements will describe the terms of the offering of the securities, including, to the extent applicable:

- the terms of the offering;
- the name or names of the underwriters, if any;
- the purchase price of the securities or other consideration therefor, and the proceeds, if any, we will receive from the sale;
- any over-allotment options under which underwriters may purchase additional securities from us;
- any agency fees or underwriting discounts and other items constituting agents’ or underwriters’ compensation;

- any public offering price;
- any discounts or concessions allowed or re-allowed or paid to dealers; and
- any securities exchange or market on which the securities may be listed.

Only underwriters named in the prospectus supplement will be underwriters of the securities offered by the prospectus supplement.

If underwriters are used in the sale, they will acquire the securities for their own account and may resell the securities from time to time in one or more transactions at a fixed public offering price or at varying prices determined at the time of sale. The obligations of the underwriters to purchase the securities will be subject to the conditions set forth in the applicable underwriting agreement. We may offer the securities to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate. Subject to certain conditions, the underwriters will be obligated to purchase all of the securities offered by the prospectus supplement, other than securities covered by any over-allotment option. Any public offering price and any discounts or concessions allowed or re-allowed or paid to dealers may change from time to time. We may use underwriters with whom we have a material relationship. We will describe in the prospectus supplement, naming the underwriter, the nature of any such relationship.

We may sell securities directly or through agents we designate from time to time. We will name any agent involved in the offering and sale of securities, and we will describe any commissions we will pay the agent in the prospectus supplement. Unless the prospectus supplement states otherwise, our agent will act on a best-efforts basis for the period of its appointment.

We may authorize agents or underwriters to solicit offers by certain types of institutional investors to purchase securities from us at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. We will describe the conditions to these contracts and the commissions we must pay for solicitation of these contracts in the prospectus supplement.

We may also make sales through the Internet or through other electronic means. Since we may from time to time elect to offer securities directly to the public, with or without the involvement of agents, underwriters or dealers, utilizing the Internet or other forms of electronic bidding or ordering systems for the pricing and allocation of such securities, you will want to pay particular attention to the description of that system we will provide in a prospectus supplement.

Such electronic system may allow bidders to directly participate, through electronic access to an auction site, by submitting conditional offers to buy that are subject to acceptance by us, and which may directly affect the price or other terms and conditions at which such securities are sold. These bidding or ordering systems may present to each bidder, on a so-called “real-time” basis, relevant information to assist in making a bid, such as the clearing spread at which the offering would be sold, based on the bids submitted, and whether a bidder’s individual bids would be accepted, prorated or rejected. For example, in the case of debt security, the clearing spread could be indicated as a number of “basis points” above an index treasury note. Of course, many pricing methods can and may also be used.

Upon completion of such an electronic auction process, securities will be allocated based on prices bid, terms of bid or other factors. The final offering price at which securities would be sold and the allocation of securities among bidders would be based in whole or in part on the results of the Internet or other electronic bidding process or auction.

We may provide agents and underwriters with indemnification against civil liabilities, including liabilities under the Securities Act or contribution with respect to payments that the agents or underwriters may make with respect to these liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

All securities we may offer, other than common stock, will be new issues of securities with no established trading market. Any underwriters may make a market in these securities, but will not be obligated to do so and may discontinue any market making at any time without notice. We cannot guarantee the liquidity of the trading markets for any securities.

Any underwriter may engage in over-allotment, stabilizing transactions, short-covering transactions and penalty bids in accordance with Regulation M under the Exchange Act. Over-allotment involves sales in excess of the offering size, which create a short position. Stabilizing transactions permit bids to purchase the underlying security so long as the stabilizing bids do not exceed a specified maximum price. Syndicate-covering or other short-covering transactions involve purchases of the securities, either through exercise of the over-allotment option or in the open market after the distribution is completed, to cover short positions. Penalty bids permit the underwriters to reclaim a selling concession from a dealer when the securities originally sold by the dealer are purchased in a stabilizing or covering transaction to cover short positions. Those activities may cause the price of the securities to be higher than it would otherwise be. If commenced, the underwriters may discontinue any of the activities at any time.

Any underwriters or agents that are qualified market makers on The NASDAQ Global Select Market may engage in passive market making transactions in the common stock on The NASDAQ Global Select Market in accordance with Regulation M under the Exchange Act, during the business day prior to the pricing of the offering, before the commencement of offers or sales of our common stock. Passive market makers must comply with applicable volume and price limitations and must be identified as passive market makers. In general, a passive market maker must display its bid at a price not in excess of the highest independent bid for such security; if all independent bids are lowered below the passive market maker's bid, however, the passive market maker's bid must then be lowered when certain purchase limits are exceeded. Passive market making may stabilize the market price of the securities at a level above that which might otherwise prevail in the open market and, if commenced, may be discontinued at any time.

LEGAL MATTERS

The validity of the securities we are offering will be passed upon for us by Stevens & Lee P.C., Philadelphia, Pennsylvania.

EXPERTS

The consolidated balance sheets of STRATA Skin Sciences, Inc. and Subsidiary as of December 31, 2020 and 2019, and the related consolidated statements of operations, changes in stockholders' equity, and cash flows for the years then ended, included in the 2020 Annual Report on Form 10-K, and the related notes, have been audited by Marcum LLP, independent registered public accounting firm, as set forth in their report thereon which is incorporated herein by reference. Such financial statements have been incorporated by reference in reliance upon the report pertaining to such financial statements of such firm given upon their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed a registration statement with the Securities and Exchange Commission under the Securities Act with respect to the shares of our common stock offered by this prospectus. This prospectus is part of that registration statement and does not contain all the information included in the registration statement.

For further information with respect to our common stock and us, you should refer to the registration statement, its exhibits and the material incorporated by reference therein. Portions of the exhibits have been omitted as permitted by the rules and regulations of the Securities and Exchange Commission. Statements made in this prospectus as to the contents of any contract, agreement or other document referred to are not necessarily complete. In each instance, we refer you to the copy of the contracts or other documents filed as an exhibit to the registration statement, and these statements are hereby qualified in their entirety by reference to the contract or document. The registration statement may be obtained from the web site that the Securities and Exchange Commission maintains at <http://www.sec.gov>. We file annual, quarterly and current reports and other information with the Securities and Exchange Commission.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

We are "incorporating by reference" certain documents we file with the SEC, which means that we can disclose important information to you by referring you to those documents. The information in the documents incorporated by reference is considered to be part of this prospectus supplement. Statements contained in documents that we file with the SEC and that are incorporated by reference in this prospectus supplement will automatically update and supersede

information contained in this prospectus supplement, including information in previously filed documents or reports that have been incorporated by reference in this prospectus supplement, to the extent the new information differs from or is inconsistent with the old information. We have filed or may file the following documents with the SEC and they are incorporated herein by reference as of their respective dates of filing:

- our Annual Report on Form 10-K for the year ended December 31, 2020, as filed with the SEC on March 25, 2021;
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2021, as filed with the SEC on May 13, 2021, and June 30, 2021, as filed with the SEC on August 16, 2021;
- Our Current Reports on Form 8-K and/or their amendments as filed with the SEC on January 4, 2021, January 12, 2021, March 1, 2021, March 9, 2021, March 15, 2021, March 24, 2021, April 12, 2021, May 12, 2021, July 7, 2021, August 17, 2021, August 20, 2021 and October 4, 2021; and
- the description of our Capital Stock set forth in Form 8-A, as filed with the SEC on August 8, 2005, and as it may be further amended from time to time.

In addition, all documents filed by us pursuant to Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date hereof and before the termination or completion of this offering of our securities shall be deemed to be incorporated by reference in this prospectus and to be a part of it from the filing dates of such documents, except in each case for information contained in any such filing where we indicate that such information is being furnished and is not to be considered “filed” under the Securities Exchange Act of 1934, as amended.

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus shall be deemed modified, superseded or replaced for purposes of this prospectus to the extent that a statement contained in this prospectus, or in any subsequently filed document that also is deemed to be incorporated by reference in this prospectus, modifies, supersedes or replaces such statement. Any statement so modified, superseded or replaced shall not be deemed, except as so modified, superseded or replaced, to constitute a part of this prospectus. None of the information that we disclose under Items 2.02 or 7.01 of any Current Report on Form 8-K or any corresponding information, either furnished under Item 9.01 or included as an exhibit thereto, that we may from time to time furnish to the SEC will be incorporated by reference into, or otherwise included in, this prospectus, except as otherwise expressly set forth in the relevant document. Subject to the foregoing, all information appearing in this prospectus is qualified in its entirety by the information appearing in the documents incorporated by reference.

You may request, orally or in writing, a copy of these documents, which will be provided to you at no cost, by contacting STRATA Skin Sciences, Inc., 5 Walnut Grove Drive, Suite 140, Horsham, Pennsylvania, Attention: General Counsel. The Company can be reached via telephone at (215) 619-3200.

STRATA Skin Sciences, Inc.

\$25,000,000

Common Stock
Debt Securities
Rights

Preferred Stock
Warrants
Units

PROSPECTUS

, 2021

PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution

The following table sets forth the Company's estimates (other than the SEC registration fee) of the expenses in connection with the issuance and distribution of the securities being registered.

	Amount
SEC registration fee	\$ 2,728
Fees and expenses of the trustee	\$ (1)
Printing expenses	\$ (1)
Legal fees and expenses	\$ (1)
Accounting fees and expenses	\$ (1)
Transfer agent fees and expenses	\$ (1)
Miscellaneous	\$ (1)
Total	<u>\$ (1)</u>

(1) These fees are calculated based on the securities offered and the number of issuance and accordingly cannot be estimated at this time.

Item 15. Indemnification of Directors and Officers

Subsection (a) of Section 145 of the General Corporation Law of Delaware (the "DGCL") empowers a corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the corporation) by reason of the fact that he is or was a director, employee or agent of the corporation or is or was serving at the request of the corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by him in connection with such action, suit or proceeding if he acted in good faith and in a manner he 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 conduct was unlawful.

Subsection (b) of Section 145 of the DGCL empowers a corporation to indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action or suit by or in the right of the corporation to procure a judgment in its favor by reason of the fact that such person acted in any of the capacities set forth above, against expenses (including attorneys' fees) actually and reasonably incurred by him in connection with the defense or settlement of such action or suit if he acted in good faith and in a manner he reasonably believed to be in or not opposed to the best interests of the corporation and except that no indemnification may be made with respect to any claim, issue or matter as to which such person shall have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery or the court in which such action or suit was brought shall determine upon application that, despite the adjudication of liability but in view of all of the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses which the Court of Chancery or such other court shall deem proper.

Section 145 of the DGCL further provides that to the extent a director, officer, employee or agent of a corporation has been successful on the merits or otherwise in the defense of any action, suit or proceeding referred to in subsections (a) and (b) or in the defense of any claim, issue or matter therein, he shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by him in connection therewith; that indemnification or advancement of expenses provided for by Section 145 shall not be deemed exclusive of any other rights to which the indemnified party may be entitled; and empowers the corporation to purchase and maintain insurance on behalf of a director, officer, employee or agent of the corporation against any liability asserted against him or incurred by him in any such capacity or arising out of his status as such whether or not the corporation would have the power to indemnify him against such liabilities under Section 145.

Reference is also made to Section 102(b)(7) of the DGCL, which enables a corporation in its certificate of incorporation to eliminate or limit the personal liability of a director for monetary damages for violations of a director's fiduciary duty, except for 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 (providing for liability of directors for unlawful payment of dividends or unlawful stock purchases or redemptions) or (iv) for any transaction from which the director derived an improper personal benefit.

Our certificate of incorporation, as amended, provides that to the fullest extent permitted by the DGCL, a director shall not be personally liable to the Company or its stockholders for monetary damages for breach of fiduciary duty as a director. The Company may indemnify to the fullest extent permitted by law any person made or threatened to be made a party to an action or proceeding, by reason of the fact that he, his testator or intestate is or was a director, officer or employee of the Company or serves or served at any other enterprise as a director, officer or employee at the request of the Company. Article V of our amended and restated by-laws provides that we shall indemnify our directors and officers, or former directors and officers, against any and all expenses and liabilities, to the fullest extent permitted by the DGCL.

We have entered into agreements to indemnify our directors and officers. These agreements, among other things, will indemnify and advance expenses to our directors and officers for all expenses, including, but not limited to, attorney's fees, witness fees, damages, judgments, fines, penalties and settlement amounts incurred by any such person in any action or proceeding, including any action by us arising out of such person's services as our director or officer, or any other company or enterprise to which the person provides services at our request.

Item 16. Exhibits

The following exhibits are filed with this Registration statement.

Exhibit Number	Description of Document
1.1	Form of Underwriting Agreement**
3.1	Fifth Amended and Restated Certificate of Incorporation of STRATA Skin Sciences, Inc., as amended and restated***
3.2	Fourth Amended and Restated Bylaws of STRATA Skin Sciences, Inc., incorporated herein by reference to Exhibit 3.2 to the Current Report on Form 8-K filed with the SEC on January 8, 2016.
4.1	Form of Indenture***
4.2	Form of Debt Securities**
4.3	Form of Warrant Agreement and Form of Warrant Certificate**
4.4	Form of Preferred Stock Certificate and Form of Certificate of Designation of Preferred Stock**
4.5	Form of Unit Agreement and Form of Unit Certificate**
4.6	Form of Rights Agreement and Form of Rights Certificate**
5.1	Opinion of Stevens & Lee, P.C.*
10.1	Warrant Agreement to Purchase Shares of the Common Stock of STRATA Skin Sciences, Inc., dated as of September 30, 2021, between STRATA Skin Sciences, Inc. and MidCap Funding XXVII Trust, incorporated herein by reference to Exhibit 10.3 to the Current Report on Form 8-K filed with the SEC on October 4, 2021.
23.1	Consent of Marcum LLP*
23.2	Consent of Stevens & Lee, P.C. (included in Exhibit 5.1)*
24.1	Power of Attorney***
25.1	Statement of Eligibility of Trustee on Form T-1**+

* Filed herewith.

** If applicable, to be filed by an amendment or as an exhibit to a report pursuant to section 13(a) or section 15(d) of the Exchange Act and incorporated by reference.

*** Previously filed.

+ To be filed pursuant to Rule 305(b)(2) of the Trust Indenture Act.

Item 17. 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 of 1933;

(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 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement;

(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 the undertakings set forth in paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) above do not apply if the registration statement is on Form S-3 or Form F-3 and 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 Securities Exchange Act that are incorporated by reference in the registration statements or is contained in a form of prospectus filed pursuant to Rule 424(b) that is a part of the registration statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, 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.

(4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:

(i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

(ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

(5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:

(i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;

(ii) any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

(iii) the portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and

(iv) any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, as amended, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act that is incorporated by reference in this 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 registrant pursuant to the foregoing provisions or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 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 of 1933, and will be governed by the final adjudication of such issue.

(d) If and when applicable, the undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act in accordance with the rules and regulations prescribed by the Commission under Section 305(b)(2) of the Act.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on this Form S-3 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Horsham, Pennsylvania on the 12th day of October, 2021.

STRATA SKIN SCIENCES, INC.

By: /s/ Robert Moccia
Robert Moccia
Chief Executive Officer (Principal Executive Officer)

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.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Robert Moccia</u> Robert Moccia	Chief Executive Officer and Director (Principal Executive Officer)	October 12, 2021
<u>/s/ Matthew C. Hill</u> Matthew C. Hill	Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)	October 12, 2021
<u>*</u> William D. Humphries	Director, Chairman of the Board of Directors	October 12, 2021
<u>*</u> LuAnn Via	Director, Vice Chairman of the Board of Directors	October 12, 2021
<u>*</u> Uri Geiger	Director	October 12, 2021
<u>*</u> Nachum Shamir	Director	October 12, 2021
<u>*</u> Samuel Rubinstein	Director	October 12, 2021

*By: /s/ Matthew C. Hill Attorney-in-Fact

October 12, 2021

Matthew C. Hill

Stevens & Lee

111 N. Sixth Street
P.O. Box 679
Reading, PA 19603
(610) 478-2000
www.stevenslee.com

October 12, 2021

STRATA Skin Sciences, Inc.
5 Walnut Grove Drive, Suite 140
Horsham, Pennsylvania 19044

Re: Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as counsel to STRATA Skin Sciences, Inc., a Delaware corporation (the “**Company**”), in connection with a Registration Statement on Form S-3 (the “**Registration Statement**”) under the Securities Act of 1933, as amended (the “**Act**”), of up to \$25,000,000 amount of (i) shares of common stock, par value \$0.001 per share, of the Company (the “**Common Stock**”), (ii) shares of one or more series of preferred stock, par value \$0.10 per share, of the Company (the “**Preferred Stock**”), (iii) one or more debt securities of the Company (the “**Debt Securities**”), (iv) warrants to purchase Common Stock or Preferred Stock (the “**Warrants**”), (v) rights to purchase the Company’s securities (the “**Rights**”), and (vi) units comprised of one or more of shares of Common Stock, shares of Preferred Stock, Debt Securities, Warrants and Rights (the “**Units**” and, collectively with the Common Stock, Preferred Stock, Debt Securities, Warrants, and Rights, the “**Securities**”).

In rendering the opinions set forth below, we have examined originals or copies certified or otherwise identified to our satisfaction of such documents and corporate and public records as we deem necessary as a basis for the opinion hereinafter expressed. With respect to such examination, we have assumed the genuineness of all signatures appearing on all documents presented to us as originals, and the conformity to the originals of all documents presented to us as conformed or reproduced copies. Where factual matters relevant to such opinion were not independently established, we have relied upon certificates of executive officers and responsible employees and agents of the Company.

For purposes of this opinion letter, we have also assumed that (a) a prospectus supplement will have been prepared and filed with the Securities and Exchange Commission describing the Securities offered thereby, (b) all Securities will be offered, issued and sold in compliance with applicable federal and state securities laws and in the manner stated in the Registration Statement and the appropriate prospectus supplement, (c) any definitive purchase, underwriting or similar agreement with respect to any Securities offered will have been duly authorized and validly executed and delivered by the Company and the other parties thereto, (d) any securities issuable upon exercise of any Securities being offered will have been duly authorized, created and, if appropriate, reserved for issuance upon such exercise, (e) at the time of any offering or sale of any shares of Common Stock or Preferred Stock or Warrants to

Stevens & Lee

STRATA Skin Sciences, Inc.

October 12, 2021

Page 2

purchase shares of Common Stock or Preferred Stock, there will be sufficient shares of Common Stock or Preferred Stock, as applicable, authorized and unissued under the Company's then operative certificate of incorporation, as amended (the "**Certificate of Incorporation**"), and not otherwise reserved for issuance, (f) at the time of issuance of the Securities, the Company validly exists and is duly qualified and in good standing under the laws of its jurisdiction of incorporation, and has the necessary corporate power for such issuance, (g) at the time of issuance of the Securities, the Certificate of Incorporation and then operative bylaws of the Company, as amended (the "**Bylaws**" and collectively with the Certificate of Incorporation, the "**Charter Documents**"), are in full force and effect and have not been amended, restated, supplemented or otherwise altered, and there has been no authorization of any such amendment, restatement, supplement or other alteration, in either case since the date hereof, (h) any applicable Indenture relating to the issuance of the Debt Securities and any Warrant Agreement (defined below) or Unit Agreement (defined below) has been duly authorized, executed and delivered by the parties thereto (other than the Company) and constitute legally valid and binding obligations of the parties thereto (other than the Company), enforceable against each of them in accordance with their respective terms, and (i) that the terms, execution and delivery of the Securities (1) do not result in breaches of, or defaults under, agreements or instruments to which the Company is bound or violations of applicable statutes, rules, regulations or court or governmental orders, and (2) comply with any applicable requirement or restriction imposed by any court or governmental body having jurisdiction over the Company. We have further assumed the legal capacity of natural persons, and we have assumed that each party to the documents we have examined or relied on (other than the Company) has the legal capacity or authority and has satisfied all legal requirements that are applicable to that party to the extent necessary to make such documents enforceable against that party. We have not verified any of the foregoing assumptions.

We are members of the bar of the Commonwealth of Pennsylvania and the State of Delaware and do not express any opinion as to matters arising under the laws of any jurisdiction other than the United States federal securities laws and the Delaware General Corporation Law.

Based upon and subject to the foregoing and the other matters set forth herein, it is our opinion that:

(1) With respect to shares of Common Stock offered under the Registration Statement, when (a) the Company has taken all necessary action to authorize and approve the issuance thereof and related matters, and (b) certificates representing the shares of Common Stock have been duly executed, countersigned, registered and delivered, or if uncertificated, valid book-entry notations have been made in the share register of the Company, in each case in accordance with the Charter Documents, either (i) against payment therefor in an amount not less than the par value thereof or such other consideration determined by the Company's Board of Directors and permitted under the Delaware General Corporation Law and in the manner contemplated by the Registration Statement and/or the applicable prospectus supplement and in accordance with the provisions of the applicable definitive purchase, underwriting or similar

agreement, if any, approved by the Company or (ii) upon exercise of any other Security in accordance with the terms of such Security or the instrument governing such Security as approved by the Company, for the consideration approved by the Company (in an amount not less than the par value thereof or such other consideration determined by the Company's Board of Directors and permitted under the Delaware General Corporation Law), the shares of Common Stock will be duly authorized, validly issued, fully paid and non-assessable.

(2) With respect to shares of one or more series of Preferred Stock offered under the Registration Statement, when (a) the Company has taken all necessary action to authorize and approve the issuance thereof and related matters, including the adoption of an appropriate amendment to the Company's Certificate of Incorporation or adoption of a Certificate of Designation relating to such series of Preferred Stock which has been properly filed with the Secretary of State of the State of Delaware, and (b) certificates representing the shares of Preferred Stock have been duly executed, countersigned, registered and delivered, or if uncertificated, valid book-entry notations have been made in the share register of the Company, in each case in accordance with the Charter Documents, either (i) against payment therefor in an amount not less than the par value thereof or such other consideration determined by the Company's Board of Directors and permitted under the Delaware General Corporation Law and in the manner contemplated by the Registration Statement and/or the applicable prospectus supplement and in accordance with the provisions of the applicable definitive purchase, underwriting or similar agreement, if any, approved by the Company or (ii) upon conversion, exchange, redemption or exercise of any other Security in accordance with the terms of such Security or the instrument governing such Security as approved by the Company, for the consideration as approved by the Company (in an amount not less than the par value thereof or such other consideration determined by the Company's Board of Directors and permitted under the Delaware General Corporation Law), the shares of Preferred Stock will be duly authorized, validly issued, fully paid and non-assessable.

(3) With respect to Debt Securities offered under the Registration Statement, when (a) an applicable Indenture, if any, or any necessary amendment or supplement thereto or other agreement in respect thereof, if any, has been duly authorized and validly executed and delivered by the Company and the trustee thereunder, (b) any applicable Indenture, if required, has been duly qualified under the Trust Indenture Act of 1939, as amended, if qualification is required thereunder, (c) the specific terms and the issuance and sale of any particular Debt Security have been duly established in accordance with the applicable Indenture, if any, or any necessary amendment thereto or other agreement in respect thereof, if any, and authorized by all necessary action of the Company, and (d) any such Debt Security has been duly executed, issued, authenticated (if required) and delivered by or on behalf of the Company as contemplated by the Registration Statement and/or the applicable prospectus supplement either (i) against payment therefor in accordance with the provisions of the applicable Indenture and/or any other agreement or instrument binding upon the Company and the provisions of the applicable definitive purchase, underwriting or similar agreement approved by the Company and in the manner contemplated by the Registration Statement and/or the applicable prospectus supplement

or (ii) upon conversion, exchange, redemption or exercise of any other Security in accordance with the terms of such Security or the instrument governing such Security as approved by the Company, for the consideration approved by the Company, such Debt Securities will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

(4) With respect to Warrants offered under the Registration Statement, when (a) the Company has taken all necessary action to authorize and approve the creation of and the issuance and terms of the Warrants, the terms of the offering thereof and related matters, (b) a warrant agreement in respect thereof (a “**Warrant Agreement**”) has been duly authorized, executed and delivered by the Company in accordance with applicable law and (c) the Warrants have been duly executed and delivered against payment therefor in accordance with the provisions of the Warrant Agreement and in the manner contemplated by the Registration Statement and/or the applicable prospectus supplement (assuming the securities issuable upon exercise of the Warrants have been duly authorized and reserved for issuance by all necessary corporate action and in accordance with applicable law), the Warrants will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

(5) With respect to the Rights offered under the Registration Statement assuming that the Rights are issued pursuant to one or more rights agreements (each, a “**Right Agreement**”) to be entered into between the Company and one or more banks, trust companies or other financial institutions as identified in the applicable Rights Agreement, and the holders from time to time of the Rights, and assuming that the issuance and terms of any Rights and the terms of the offering thereof have been duly authorized, when (a) the Rights Agreement or Rights Agreements relating to such Rights have been duly authorized, executed and delivered by the Company and the rights agent appointed by the Company and (b) such Rights or certificates representing such Rights have been duly executed, authenticated, issued, paid for and delivered as contemplated in the Registration Statement and any applicable prospectus supplement relating thereto, and in accordance with any underwriting agreement, purchase or similar agreement, such Rights will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

(6) With respect to Units offered under the Registration Statement, assuming that (a) any Debt Securities that form a part of such Units constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, as contemplated in numbered paragraph 3 above, (b) any Warrants that form a part of such Units constitute valid and binding obligations of the Company in accordance with their terms, as contemplated in numbered paragraph 4 above, (c) any shares of Common Stock or Preferred Stock that form a part of such Units are validly issued, fully paid and nonassessable, as contemplated in numbered paragraphs 1 and 2 above, and (d) any Rights that form a part of such Units, as contemplated in numbered paragraph 5 above, respectively, when (i) the Company has taken all necessary corporate action to approve the creation of and the issuance and terms of the Units (including the Securities which comprise such Units), the terms of the offering thereof and related matters,

(ii) any applicable unit agreement has been duly authorized, executed and delivered by the Company in accordance with applicable law (a “**Unit Agreement**”), and (iii) the Units or certificates representing the Units, as the case may be, have been delivered against payment therefor in accordance with the provisions of any applicable Unit Agreement or purchase or similar agreement approved by the Company and in the manner contemplated by the Registration Statement and/or the applicable prospectus supplement, the Units will constitute valid and binding obligations of the Company, enforceable against the Company in accordance with their terms.

We express no opinions regarding (i) the validity or enforceability of any provisions that purport to waive or not give effect to rights or notices, defenses, subrogation or other rights or benefits that cannot be effectively waived under applicable law, (ii) the enforceability of indemnification provisions to the extent they purport to relate to liabilities resulting from or based upon negligence or any violation of federal or state securities or blue sky laws, (iii) any provision for liquidated damages, default interest, late charges, monetary penalties, make-whole premiums or other economic remedies to the extent such provisions are deemed to constitute a penalty, (iv) consents to, or restrictions upon, governing law, jurisdiction, venue, arbitration, remedies or judicial relief, (v) any provision requiring the payment of attorneys’ fees, where such payment is contrary to law or public policy, (vi) provisions for exclusivity, election or accumulation of rights or remedies, (vii) provisions authorizing or validating conclusive or discretionary determinations, (viii) grants of setoff rights, (ix) the availability of equitable remedies to any person or entity including, but not limited to, specific performance and injunctive relief; (x) the effect of bankruptcy, reorganization, insolvency, fraudulent conveyance, fraudulent transfer, moratorium and other similar laws or equitable principles affecting creditors’ rights or remedies (whether applied by a court of law or equity), (xi) the effect of applicable law and court decisions which may hereafter limit or render unenforceable certain rights or remedies of any person or entity and (xii) the severability, if invalid, of provisions to the foregoing effect.

We hereby consent to the use of this opinion as Exhibit 5.1 to the Registration Statement, and to the use of our name as your counsel under “Legal Matters” in the Prospectus constituting a part of the Registration Statement. In giving this consent, we do not thereby concede that we come within the categories of persons whose consent is required by the Act or the General Rules and Regulations promulgated thereunder. We assume no obligation to update or supplement any of the opinions set forth herein to reflect any changes of law or fact that may occur.

Stevens & Lee

STRATA Skin Sciences, Inc.
October 12, 2021
Page 6

Very truly yours,

STEVENS & LEE

/s/ Stevens & Lee

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM'S CONSENT

We consent to the incorporation by reference in this Registration Statement of STRATA Skin Sciences, Inc. and Subsidiary on Amendment No. 1 to Form S-3 (File No. 333-258814) of our report dated March 25, 2021, with respect to our audits of the consolidated financial statements of STRATA Skin Services, Inc. and Subsidiary as of December 31, 2020 and 2019 and for the years ended December 31, 2020 and 2019 appearing in the Annual Report on Form 10-K of STRATA Skin Sciences, Inc. for the year ended December 31, 2020. We also consent to the reference to our firm under the heading "Experts" in the Prospectus, which is part of this Registration Statement.

/s/ Marcum LLP

Marcum LLP
Philadelphia, Pennsylvania
October 12, 2021
