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STRATA SKIN SCIENCES, INC.  
5 Walnut Grove Drive, Suite 140  
Horsham, Pennsylvania 19044  
October 13, 2021

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F. Street, N.E.  
Washington, D.C. 20549  
Attention: Ms. Laura Crotty

Re: STRATA Skin Sciences, Inc. (the "Company")  
Registration Statement on Form S-3  
File No. 333-258814

Ladies and Gentlemen:

The undersigned hereby requests, pursuant to Rules 460 and 461(a) promulgated under the Securities Act of 1933, as amended, that the above-referenced Registration Statement on Form S-3 (File No. 333-258814) (the "Form S-3") of the Company be declared effective at 11:00 a.m., New York City time, on Friday, October 15, 2021 or as soon thereafter as is practicable. We respectfully request that we be notified of such effectiveness by a telephone call to Sunjeet S. Gill of Stevens & Lee, P.C. at (610) 205-6076 and that such effectiveness also be confirmed in writing to the addressees listed on the cover page of the Form S-3.

Very truly yours,  
STRATA SKIN SCIENCES, INC.

By: /s/ Robert Moccia

Name: Robert Moccia

Title: President and Chief Executive Officer

cc: Sunjeet S. Gill, Esq., Stevens & Lee, P.C.

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