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

Post-Effective Amendment No. 1 to FORM S-3 REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

Clever Leaves Holdings Inc.

(Exact name of Registrant as specified in its charter)

| British Columbia, Canada | Not Applicable |
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| (State or other jurisdiction of incorporation or organization) | (I.R.S. Employer Identification Number) |
| Tocancipá — | rque Industrial Tibitoc P.H., Cundinamarca, Colombia |
| | 561) 634-7430 , including area code, of Registrant's principal executive offices) |
| Clever I 6501 Cor Boca R | eorgette Otero .eaves Holdings Inc. ngress Ave, Suite 240 atton, Florida 33487 561) 634-7430 phone number, including area code, of agent for service) |
| | Copies to: |
| Georgette Otero Clever Leaves Holdings Inc. 6501 Congress Ave, Suite 240 Boca Raton, Florida 33487 (561) 634-7430 | Pamela L. Marcogliese, Esq. Sebastian L. Fain, Esq. Freshfields Bruckhaus Deringer US LLP 3 World Trade Center 175 Greenwich Street New York, New York 10007 (212) 277-4000 |
| Approximate date of commencement of proposed sale to the public: Not ap above referenced registration statement. If the only securities being registered on this Form are being offered pursuant to d | pplicable. Removal from registration of all securities that were not sold pursuant to the ividend 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 delay Act"), other than securities offered only in connection with dividend or interest rei | ed or continuous basis pursuant to Rule 415 under the Securities Act of 1933 (the "Securities investment plans, check the following box. \Box |
| If this Form is filed to register additional securities for an offering pursuant to Ru registration statement number of the earlier effective registration statement for the | ale 462(b) under the Securities Act, please check the following box and list the Securities Act same offering. \Box |
| If this Form is a post-effective amendment filed pursuant to Rule 462(c) under number of the earlier effective registration statement for the same offering. \Box | the Securities Act, check the following box and list the Securities Act registration statement |
| If this Form is a registration statement pursuant to General Instruction I.D. or a p pursuant to Rule 462(e) under the Securities Act, check the following box. \square | ost-effective amendment thereto that shall become effective upon filing with the Commission |
| If this Form is a post-effective amendment to a registration statement filed purs securities pursuant to Rule 413(b) under the Securities Act, check the following be | uant to General Instruction I.D. filed to register additional securities or additional classes of ox. \Box |
| | celerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth ller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act: |
| Large accelerated filer □ Non-accelerated filer □ | Accelerated filer □ Smaller Reporting Company ⊠ Emerging Growth Company □ |
| If an emerging growth company, indicate by check mark if the registrant has elect accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act | eted not to use the extended transition period for complying with any new or revised financial \Box |

EXPLANATORY NOTE DEREGISTRATION OF SECURITIES

This Post-Effective Amendment No. 1 (the "Post-Effective Amendment") is being filed by Clever Leaves Holdings Inc., a corporation organized under the laws of British Columbia (the "Registrant"), to withdraw and remove from registration all of the unsold securities under the Registration Statement on Form S-3 (Registration No. 333-262183) (the "Registration Statement"), which was originally filed with the U.S. Securities and Exchange Commission on January 14, 2022, and became effective on February 11, 2022.

The Registrant is terminating all offerings of its securities pursuant to the Registration Statement. In accordance with an undertaking made by the Registrant in the Registration Statement to remove from registration by means of a post-effective amendment any of the securities which remain unsold at the termination of the offering, the Registrant hereby removes from registration any of the securities registered but unsold under the Registration Statement as of the date hereof. The Registration Statement is hereby amended, as appropriate, to reflect the deregistration of such securities.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this Post-Effective Amendment to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Tocancipá, Cundinamarca, Colombia, on April 15, 2024.

CLEVER LEAVES HOLDINGS INC.

By: /s/ Andres Fajardo

Name: Andres Fajardo Title: Chief Executive Officer

No other person is required to sign this Post-Effective Amendment in reliance upon Rule 478 under the Securities Act of 1933, as amended.