

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

FORM S-8  
REGISTRATION STATEMENT  
Under the Securities Act of 1933

**Applied Optoelectronics, Inc.**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State or other jurisdiction of  
incorporation or organization)

**76-0533927**  
(I.R.S. Employer  
Identification Number)

**13139 Jess Pirtle Blvd.**  
**Sugar Land, TX 77478**  
**(281) 295-1800**

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

**Applied Optoelectronics, Inc. 2023 Equity Inducement Plan**  
(Full title of the plan)

**Stefan J. Murry**  
**Chief Financial Officer**  
**Applied Optoelectronics, Inc.**  
**13139 Jess Pirtle Blvd.**  
**Sugar Land, TX 77478**  
**(281) 295-1800**

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

*Copies to:*

**David C. Kuo**  
**Chief Legal Officer**  
**Applied Optoelectronics, Inc.**  
**13139 Jess Pirtle Blvd.**  
**Sugar Land, TX 77478**  
**(281) 295-1800**

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.

**PART II**  
**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents by Reference.**

Applied Optoelectronics, Inc. (the “Registrant”) hereby incorporates by reference into this Registration Statement on Form S-8 (this “Registration Statement”) the following documents previously filed with the U.S. Securities and Exchange Commission (the “Commission”):

- a. The Registrant’s [Annual Report on Form 10-K for its fiscal year ended December 31, 2022 \(the “Annual Report”\), filed with the Commission on February 27, 2023](#) pursuant to Section 13(a) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), as amended by [Amendment No. 1 to the Registrant’s Annual Report on Form 10-K/A, filed with the Commission on March 10, 2023](#);
- b. The Registrant’s Quarterly Reports on Form 10-Q for its fiscal quarters ended [March 31, 2023, filed on May 4, 2023](#), and [June 30, 2023, filed on August 3, 2023](#), pursuant to Section 13(a) of the Exchange Act;
- c. The Registrant’s Current Reports on Form 8-K filed on [March 24, 2023](#), [May 3, 2023](#), [June 12, 2023](#), [June 14, 2023](#), and [June 21, 2023](#), and all other reports filed with the Commission pursuant to Sections 13(a) or 15(d) of the Exchange Act since the end of the fiscal year covered by the Registrant’s Annual Report; and
- d. The description of the Registrant’s common stock, par value \$0.001, contained in the Registrant’s [Registration Statement on Form 8-A \(File No. 001-36083\)](#) pursuant to Section 12(b) of the Exchange Act, as updated by the description of the Registrant’s registered securities contained in [Exhibit 4.4 to the Registrant’s Annual Report on Form 10-K for its fiscal year ended December 31, 2019, filed with the Commission on February 28, 2020](#), including any amendment or report filed for the purpose of updating such description.

All documents filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement that indicates that all securities offered hereby have been sold or that de-registers all securities then remaining unsold shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents; provided, however, that documents or information deemed to have been furnished and not filed in accordance with the rules of the Commission shall not be deemed incorporated by reference into this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained in any subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 4. Description of Securities.**

Not applicable.

**Item 5. Interests of Named Experts and Counsel.**

None.

**Item 6. Indemnification of Directors and Officers.**

Subsection (a) of Section 145 of the General Corporation Law of the state of Delaware, or the DGCL, empowers a corporation to indemnify any person who was or is a party or who 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 the person is or was a director, officer, 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 the person in connection with such action, suit or proceeding if the person acted in good faith and in a manner the person 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 the person’s conduct was unlawful.

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Subsection (b) of Section 145 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 the person acted in any of the capacities set forth above, against expenses (including attorneys' fees) actually and reasonably incurred by the person in connection with the defense or settlement of such action or suit if the person acted in good faith and in a manner the person reasonably believed to be in or not opposed to the best interests of the corporation, except that no indemnification shall be made in respect of 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 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 further provides that to the extent a director or officer 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) of Section 145, or in defense of any claim, issue or matter therein, such person shall be indemnified against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection therewith; that indemnification provided for by Section 145 shall not be deemed exclusive of any other rights to which the indemnified party may be entitled; and the indemnification provided for by Section 145 shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director, officer, employee or agent and shall inure to the benefit of such person's heirs, executors and administrators. Section 145 also empowers the corporation to purchase and maintain insurance on behalf of any person who is or was a director, officer, 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 any liability asserted against such person and incurred by such person in any such capacity, or arising out of such person's status as such, whether or not the corporation would have the power to indemnify such person against such liabilities under Section 145.

Provisions in the Registrant's amended and restated certificate of incorporation and amended and restated bylaws limit or eliminate the personal liability of the Registrant's directors to the fullest extent permitted by the DGCL, as it now exists or may in the future be amended. Consequently, a director will not be personally liable to the Registrant or the Registrant's stockholders for monetary damages or breach of fiduciary duty as a director, except for liability for:

- any breach of the director's duty of loyalty to the Registrant or the Registrant's stockholders;
- any act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;
- any unlawful payments related to dividends or unlawful stock purchases, redemptions or other distributions; or
- any transaction from which the director derived an improper personal benefit.

These limitations of liability do not alter director liability under the federal securities laws and do not affect the availability of equitable remedies such as an injunction or rescission.

In addition, the Registrant's amended and restated bylaws provide that:

- the Registrant will indemnify its directors, officers and, in the discretion of the Registrant's board of directors, certain employees to the fullest extent permitted by the DGCL, as it now exists or may in the future be amended; and
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- the Registrant will advance reasonable expenses, including attorneys' fees, to its directors and, in the discretion of the Registrant's board of directors, to its officers and certain employees, in connection with legal proceedings relating to their service for or on behalf of the Registrant, subject to limited exceptions.

The Registrant has entered into indemnification agreements with each of its directors and certain of its executive officers. These agreements provide that the Registrant will indemnify each of its directors and certain of its executive officers to the fullest extent permitted by Delaware law.

The Registrant also maintains general liability insurance which covers certain liabilities of its directors and officers arising out of claims based on acts or omissions in their capacities as directors or officers, including liabilities under the Securities Act of 1933, as amended (the "Securities Act").

**Item 7. Exemption from Registration Claimed.**

Not applicable.

**Item 8. Exhibits.**

Exhibit Number	Description
<a href="#">4.1</a>	<a href="#">Amended and Restated Certificate of Incorporation (incorporated by reference to Exhibit 3.1 to the Registrant's Form 10-Q filed on November 14, 2013 (File No. 001-36083)).</a>
<a href="#">4.2</a>	<a href="#">Amended and Restated Bylaws (incorporated by reference to Exhibit 3.2 to the Registrant's Form 10-Q filed on November 14, 2013 (File No. 001-36083)).</a>
<a href="#">5.1*</a>	<a href="#">Opinion of Perkins Coie LLP as to the legality of the securities being registered.</a>
<a href="#">23.1*</a>	<a href="#">Consent of Perkins Coie LLP (contained in Exhibit 5.1).</a>
<a href="#">23.2*</a>	<a href="#">Consent of Grant Thornton LLP.</a>
<a href="#">24.1*</a>	<a href="#">Powers of Attorney (included on the signature page of this Registration Statement).</a>
<a href="#">99.1*</a>	<a href="#">Applied Optoelectronics, Inc. 2023 Equity Inducement Plan.</a>
<a href="#">107*</a>	<a href="#">Filing Fee Table</a>

\* Filed herewith.

**Item 9. Undertakings.**

1. The undersigned Registrant hereby undertakes:

(a) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of this 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 this Registration Statement; and

(iii) To include any material information with respect to the plan of distribution not previously disclosed in this Registration Statement or any material change to such information in this Registration Statement;

*Provided, however,* that paragraphs (a)(i) and (a)(ii) above do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference into this Registration Statement.

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- (b) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.
  - (c) 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.
2. The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference into 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.
  3. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the indemnity provisions summarized in Item 6, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question of whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.
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## SIGNATURES

Pursuant to the requirements of the Securities Act, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Sugar Land, State of Texas on August 3, 2023.

APPLIED OPTOELECTRONICS, INC.

By: /S/ CHIH-HSIANG (THOMPSON) LIN

CHIH-HSIANG (THOMPSON) LIN

*President and Chief Executive Officer*

## POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Chih-Hsiang (Thompson) Lin and Dr. Stefan J. Murry, and each of them, his true and lawful attorneys-in-fact and agents, with full power of substitution, for him and in his name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement and to file the same with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully and to all intents and purposes as they might or could not in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or their or his substitute or substitutes may lawfully do or cause to be done by virtue hereof.

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

Signature	Date
<p>/S/ CHIH-HSIANG (THOMPSON) LIN</p> <hr/> <p>CHIH-HSIANG (THOMPSON) LIN, <i>President, Chief Executive Officer and Chairman of the Board of Directors</i> <i>(principal executive officer)</i></p>	August 3, 2023
<p>/S/ STEFAN J. MURRY</p> <hr/> <p>STEFAN J. MURRY, <i>Chief Financial Officer</i> <i>(principal financial officer and principal accounting officer)</i></p>	August 3, 2023
<p>/S/ WILLIAM H. YEH</p> <hr/> <p>WILLIAM H. YEH, <i>Director</i></p>	August 3, 2023
<p>/S/ RICHARD B. BLACK</p> <hr/> <p>RICHARD B. BLACK, <i>Director</i></p>	August 3, 2023
<p>/S/ CHE-WEI LIN</p> <hr/> <p>CHE-WEI LIN, <i>Director</i></p>	August 3, 2023
<p>/S/ ELIZABETH LOBOA</p> <hr/> <p>ELIZABETH LOBOA, <i>Director</i></p>	August 3, 2023

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/S/ MIN-CHU (MIKE) CHEN

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MIN-CHU (MIKE) CHEN,  
*Director*

August 3, 2023

/S/ CYNTHIA (CINDY) DELANEY

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CYNTHIA (CINDY) DeLANEY,  
*Director*

August 3, 2023

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PerkinsCoie.com

August 3, 2023

Applied Optoelectronics, Inc.  
13139 Jess Pirtle Blvd.  
Sugar Land, TX 77478

Re: Registration Statement on Form S-8 of Shares of Common Stock of Applied Optoelectronics, Inc. (the "Company")

Ladies and Gentlemen:

We have acted as counsel to you in connection with the preparation of a Registration Statement on Form S-8 (the "Registration Statement") under the Securities Act of 1933, as amended (the "Act"), which you are filing with the Securities and Exchange Commission with respect to up to 800,000 shares of common stock of the Company (the "Shares"), which may be issued pursuant to the Company's 2023 Equity Inducement Plan (the "Plan").

We have examined the Registration Statement and such documents and records of the Company as we have deemed necessary for the purpose of this opinion. In giving this opinion, we are assuming the authenticity of all instruments presented to us as originals, the conformity with originals of all instruments presented to us as copies and the genuineness of all signatures.

Based upon and subject to the foregoing, we are of the opinion that any Shares issued by the Company pursuant to the Plan, upon registration by its registrar of such Shares and the issuance thereof by the Company in accordance with the terms of the Plan, and the receipt of consideration for such Shares in accordance with the terms of the Plan, will be legally issued, fully paid and nonassessable.

This opinion is limited in all respects to the General Corporation Law of the State of Delaware. We express no opinion as to any other law or any matter other than as expressly set forth above. The opinions expressed herein are rendered as of the date hereof and we expressly disclaim any obligation to update this letter or advise you of any change in any matter after the date hereof.

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

Very truly yours,

/s/ PERKINS COIE LLP

PERKINS COIE LLP

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**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We have issued our report dated February 24, 2023 with respect to the consolidated financial statements of Applied Optoelectronics, Inc. included in the Annual Report on Form 10-K for the year ended December 31, 2022, which are incorporated by reference in this Registration Statement. We consent to the incorporation by reference of the aforementioned report in this Registration Statement.

/s/ GRANT THORNTON LLP

Houston, Texas  
August 3, 2023

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**APPLIED OPTOELECTRONICS, INC.**  
**2023 EQUITY INDUCEMENT PLAN**

1. **Purpose of the Plan.** The Company has adopted the 2023 Equity Inducement Plan to attract, retain and motivate new employees of the Company and its Related Companies by providing them the opportunity to acquire an equity interest in the Company and align their interests and efforts with the long-term interests of the Company's stockholders. Each Award under this Plan is intended to qualify as an employment inducement award pursuant to Listing Rule 5635(c) of the corporate governance rules of the NASDAQ Stock Market (the "Listing Rule"). The Plan will become effective on the date the Board approves the Plan (the "Effective Date").

2. **Definitions.** Capitalized terms used in the Plan have the meanings set forth in Appendix A.

3. **Administration.**

(a) **Administrator.** The Plan will be administered by the Compensation Committee of the Company, which shall be composed of two or more directors, each of whom is (i) a "non employee director" within the meaning of Rule 16b-3(b)(3) promulgated under the Exchange Act, or any successor definition adopted by the Securities and Exchange Commission, and (ii) an "independent" director within the meaning of any applicable stock exchange listing rules. All references in the Plan to the "Administrator" will be to the Compensation Committee.

(i) **Rule 16b-3.** To the extent desirable to qualify transactions hereunder as exempt under Rule 16b-3, those transactions will be structured to satisfy the requirements for exemption under Rule 16b-3, and thereafter any action related to the Award will be approved by the Administrator to the extent necessary for such exemption to remain available.

(b) **Powers of Administrator.** The Administrator will have full power and exclusive authority, subject to the terms of this Plan, restrictions under Applicable Law, and the delegation of authority from the Board, to:

(i) select which Eligible Persons will be granted Awards;

(ii) determine the type of Awards, number of shares of Common Stock covered by the Award, the Fair Market Value of the shares, and the terms and conditions of that Award (including when the Award may vest, be exercised (including prior to vesting), or settled, whether the Award carries rights to dividends or Dividend Equivalents, and whether the Award is to be settled in cash, shares of Common Stock, or other property) and the form of Award Agreement;

(iii) determine whether, to what extent and under what circumstances Awards may be amended (including to waive restrictions, accelerate vesting or extend exercise periods), tolled, cancelled or terminated;

(iv) interpret and administer the Plan, any Award Agreement and any other agreements or documents related to the administration of Awards;

(v) establish rules, and delegate ministerial duties to the Company's employees consistent with Applicable Law, for the proper administration of the Plan; and

(vi) make any other determination and take any other action that the Administrator deems necessary or desirable for administration of the Plan.

The Administrator's decisions will be final, conclusive and binding on all persons, including the Company, any Participant, any stockholder and any Eligible Person.

4. **Shares Subject to the Plan.**

(a) **Authorized Number of Shares.** Subject to adjustment from time to time as provided in this Plan, 800,000 shares of Common Stock will be available for issuance under the Plan (the "Share Reserve"). Shares issued under the Plan will be drawn from authorized and unissued shares or treasury shares.

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(b) **Share Use.**

(i) No fractional shares may be issued under the Plan; however, cash shall be paid in lieu of any fractional Share in settlement of an Award.

(ii) The Administrator may grant Substitute Awards under the Plan. If the Board approves a written agreement between the Company and an Acquired Entity pursuant to which a merger or consolidation is completed and that agreement sets forth the terms and conditions of the substitution of outstanding awards of the Acquired Entity, the grant of those substitute awards will be deemed to be the action of the Administrator without any further action by the Administrator, and the persons holding the newly substituted Awards will be deemed to be Participants.

5. **Eligibility.** The Administrator may grant Awards to any new employee (including any officer) of the Company or a Related Company only as an incentive material to such employee entering into employment with the Company or any Related Company as provided in the Listing Rule; provided, however, that Awards may be granted only to employees who (a) were not previously an employee or director of the Company or any Related Company or (b) previously provided services to the Company or any Related Company as an employee or director, but subsequently have completed a period of bona fide non-employment by the Company or any Related Company sufficient for compliance with the Listing Rule.

6. **Provisions Applicable to All Awards.**

(a) **Grant Date.** Corporate action constituting a grant by the Company of an Award to any Participant will be deemed completed as of the date of such corporate action, unless otherwise determined by the Administrator, regardless of when the instrument, certificate, or letter evidencing the Award is communicated to, received by, or accepted by, the Participant.

(i) **Clerical Errors.** If the Administrator's records (e.g., consents, resolutions or minutes) documenting the corporate action granting the Award contain terms (e.g., exercise price, vesting schedule or number of shares) that are inconsistent with those in the Award Agreement as a result of a clerical error in the papering of the Award Agreement, the Administrator's records will control and the Participant will have no legally binding right to the incorrect term in the Award Agreement.

(ii) **Grants Prior to Start Date.** If the Administrator attempts to grant an Award effective as of a date in the future, and if the Award recipient is not employed by the Company or a Related Company as of that future date (either due to failure to commence employment by that future date or a Termination of Service), then as of that future date, the Award will be deemed null, void and of no force and effect without any further action by the Administrator, and the individual will have no rights, title or interests in or to the Award or the shares of Common Stock underlying the Award.

(b) **Evidence of Awards.** The Administrator will document all Awards by a written instrument (which may include electronic writings such as smart contracts and distributed ledger entries) that contains the material terms of the Award, including but not limited to the consideration to be paid to receive the award (including the Participant's services to the Company or a Related Company), the exercise or purchase price (if any), the vesting schedule (including any performance vesting triggers), and the Company's rights to repurchase or reacquire the shares subject to the Award.

(c) **Other Governing Documents.** The Administrator may require a Participant, as a condition to receiving shares under the Plan, to sign additional documentation as reasonably required by the Administrator for compliance with Applicable Laws and the orderly administration of the Plan.

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(d) **Payments for Shares and Taxes.** The Administrator will determine the forms of consideration a Participant may use to pay the exercise or purchase price for shares issued under Awards and any withholding taxes or other amounts due in connection with Awards. A Participant must pay all consideration due in connection with the Award (including withholding taxes) before the Company will issue the shares being acquired. The Administrator may (but is not required to) permit the use of the following forms of consideration:

- (i) cash or cash equivalent, including checks, wire transfers, ACH payments, and convertible virtual currencies;
- (ii) having the Company withhold shares of Common Stock and any other consideration that would otherwise be issued under an Award that have an aggregate Fair Market Value on that date equal to the consideration owed to the Company, including in connection with a Change of Control (a “Withhold to Cover”);
- (iii) tendering (either actually or, if and so long as the Common Stock is registered under Section 12(b) or 12(g) of the Exchange Act, by attestation) shares of Common Stock owned by the Participant free and clear of any liens, claims or other encumbrances that have an aggregate Fair Market Value on that date equal to the consideration owed to the Company, but only if the tender will not result in any adverse accounting consequences to the Company;
- (iv) if and so long as the Common Stock is registered under Section 12(b) or 12(g) of the Exchange Act, and to the extent permitted by Applicable Laws, delivery of a properly executed agreement, together with irrevocable instructions to a brokerage firm designated or approved by the Company to deliver promptly to the Company the aggregate amount of proceeds to pay the consideration due to the Company, all in accordance with the regulations of the Federal Reserve Board (a “Public Sell to Cover”); and/or
- (v) such other consideration as the Administrator may permit.

A Participant may request or authorize the Administrator to withhold amounts owed under this Plan from cash payments otherwise owed to the Participant by the Company or a Related Company. If a Participant engages in a Withhold to Cover transaction to pay for applicable tax withholdings, the value of the shares so withheld may not exceed the employer’s applicable maximum required tax withholding rate or such other applicable rate as is necessary to avoid adverse treatment for financial accounting purposes, as determined by the Administrator.

(e) **Vesting.** Unless otherwise provided by the Administrator, a Participant will cease vesting in an Award at the time of the Participant’s Termination of Service and the Participant will have no further rights, title or interests in or to the unvested portion of the Award following the Termination of Service.

(f) **Performance-Based Awards.** The Administrator may grant Awards subject to performance-based conditions. The Administrator may choose the performance-based conditions in its sole discretion, which may be determined on a Company-wide, divisional, business unit or individual basis and may include the Performance Metrics. The time period during which the performance-based conditions must be met will be called the “Performance Period.”

(g) **Change in Service; Leaves of Absence.** The Administrator will determine the effect on Awards of a Participant’s leave of absence or change in hours of employment. In general, if, after the Grant Date of any Award to a Participant, the Participant’s regular level of time commitment in the performance of the Participant’s services for the Company and any Related Companies is reduced (for example, and without limitation, if the Participant has a change in status from a full-time employee to a part-time employee, or if the Participant goes on a leave of absence without using paid vacation or sick days), the Administrator has the right in its sole discretion (and without the need to seek or obtain the consent of the affected Participant) to (i) make a corresponding reduction in the number of shares, other property or cash subject to any portion of such Award that is scheduled to vest or become payable after the date of such change in time commitment, and (ii) in lieu of or in combination with such a reduction, extend the vesting or payment schedule applicable to such Award (but only if the modification would not cause the Participant to incur penalties or additional taxation under Section 409A). If an Award is reduced, the Participant will have no right with respect to the portion of the Award that is so reduced.

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(h) **Applicability of Award Terms to New Property.** If a Participant receives new or additional shares of Common Stock, other securities, other property, or cash in respect of an Award, those shares, securities, property and cash will be subject to all the same terms of the Plan and the Award Agreement as applied to the underlying shares of Common Stock subject to that Award.

(i) **Dividends and Dividend Equivalents.** The Administrator, in its discretion, may provide in the Award Agreement evidencing any Award that the Participant will be entitled to receive dividends or Dividend Equivalents with respect to the payment of cash dividends on Shares having a record date prior to the date on which the Awards are settled or forfeited. The dividends or Dividend Equivalents, if any, will be credited to an Award in such manner and subject to such terms and conditions as determined by the Administrator in its sole discretion subject to the provisions of the Plan. However, dividends and Dividend Equivalents will be subject to the same vesting provisions as the Awards to which they relate, and while amounts may accrue while the Award or Dividend Equivalent is unvested, the amounts payable with respect to Dividend Equivalents or dividends will not be paid before the Dividend Equivalent or the Award to which it relates vests. If a dividend or distribution is paid in shares of Common Stock or any other adjustment is made on a change in the capital structure of the Company as described in Section 12, appropriate adjustments will be made to the Participant's Award and the associated Dividend Equivalent so that it represents the right to receive on settlement any and all new, substituted or additional securities or other property (other than normal cash dividends) to which the Participant would be entitled by reason of the consideration issuable on settlement of the Award, and all such new, substituted or additional securities or other property will be immediately subject to the same vesting and settlement conditions as are applicable to the Award. Dividend Equivalents will be subject to the same Award Limits applicable to the underlying Award.

(j) **Recoupment.** All Awards are subject to recoupment in accordance with any clawback policy that the Company is required to adopt pursuant to the listing standards of any national securities exchange or association on which the Company's securities are listed or as is otherwise required by the Dodd-Frank Wall Street Reform and Consumer Protection Act or other Applicable Law. The implementation of any clawback policy will not be deemed a triggering event for purposes of any definition of "good reason" for resignation or "constructive termination."

(k) **Investigations.** If a Participant's employment with the Company is suspended pending an investigation of whether the Participant will be terminated for Cause, all the Participant's rights under any Award will likewise be suspended during the period of investigation.

(l) **No Obligation to Notify or Minimize Taxes.** The Company and the Administrator will have no duty or obligation to any Participant to advise such holder as to the time or manner of exercising the Participant's rights under an Award. Furthermore, the Company will have no duty or obligation to warn or otherwise advise such holder of a pending termination or expiration of an Award or a possible period in which the Award may not be exercised. The Company has no duty or obligation to minimize the tax consequences of an Award to the holder of such Award.

## 7. **Options & SARs.**

### (a) **Exercise Price.**

(i) Generally, the Administrator may not grant Options or SARs with an exercise price per share less than 100% of the Fair Market Value of the Common Stock on the Grant Date.

(ii) The Administrator may grant Options or SARs with a price less than 100% of the Fair Market Value in the case of Substitute Awards.

(b) **Term.** The maximum term of an Option or SAR will be 10 years from the Grant Date, subject to earlier termination in accordance with the terms of the Plan and the Award Agreement.

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(c) **Conditions to Exercise.**

(i) To exercise an Option or SAR, the Participant must deliver (A) the exercise agreement stating the number of shares being purchased and, if applicable, the account number or digital wallet address into which the shares should be deposited, (B) payment in full of the exercise price and any tax withholding obligations, and (C) any additional documents required by the Company as a condition to exercise. The Company will not initiate the settlement on the exercise of an Option or SAR until the Company has verified that all conditions necessary for the exercise of the Award have been satisfied (including compliance with Applicable Laws), all the foregoing steps have been completed and the Company initiates the issuance of the shares in the Participant's name. The Company will issue exercised shares promptly after the exercise.

(ii) The Administrator may modify the exercise agreement form and the procedure for exercise, from time to time, including after the Grant Date of an Award, without the Participant's consent. The Administrator may restrict exercise to those times when the exercise will not violate Applicable Laws. In addition, the Administrator may prohibit exercise during any "blackout" or "closed" trading windows under the Company's insider trading policies (as amended from time to time).

(iii) The Administrator may require that an Option may be exercised only for whole shares and for not less than a reasonable number of shares at any one time.

(d) **Non-Exempt Employees.** If an Option or SAR is granted to an employee who is a non-exempt employee for purposes of the Fair Labor Standards Act of 1938, as amended, the Option or SAR will not be first exercisable for any shares of Common Stock until at least 6 months following the Grant Date of the Option or SAR (although the Award may vest prior to such date). Consistent with the provisions of the Worker Economic Opportunity Act, (i) if such non-exempt employee dies or suffers a disability, (ii) on a Change of Control in which such Option or SAR is not assumed, continued, or substituted, or (iii) on the Participant's retirement (as such term may be defined in the Participant's Award Agreement or in another agreement between the Participant and the Company, or, if no such definition, in accordance with the Company's then current employment policies and guidelines), the vested portion of any Options and SARs may be exercised earlier than 6 months following the Grant Date. The foregoing provision is intended to operate so that any income derived by a non-exempt employee from the exercise or vesting of an Option or SAR will be exempt from the employee's regular rate of pay. If required for compliance with the Worker Economic Opportunity Act to ensure that any income derived by a non-exempt employee from the exercise, vesting or issuance of any shares under any other Award will be exempt from the employee's regular rate of pay, the provisions of this paragraph will apply to all Awards and are hereby incorporated by reference into such Award Agreements.

(e) **Effect of Termination of Service.** The Administrator will establish and define in the Award Agreement how an Option or SAR will be treated on a Termination of Service.

(f) **Extension Under Limited Circumstances.** The Administrator may provide that:

(i) if the exercise of an Option or SAR following the Termination of Service (other than upon the Participant's death or Disability) would result in liability under Section 16(b) of the Exchange Act, then the Award will terminate on the earlier of (A) the Award Expiration Date, or (B) the tenth (10th) day after the last date on which such exercise would result in liability under Section 16(b) of the Exchange Act; or

(ii) if the exercise of the Award following the Participant's Termination of Service (other than upon the Participant's death or Disability) would be prohibited at any time solely because the issuance of shares of Common Stock would violate the registration requirements under the Securities Act or the Company's insider trading policy, then the Award will terminate on the earlier of (A) the Award Expiration Date or (B) the expiration of a period of thirty (30) days (or such longer period of time as determined by the Administrator in its sole discretion) after the Termination of Service during which the exercise of the Award would not be in violation of such registration requirements or insider trading policy requirements.

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8. **Restricted Stock, Restricted Stock Units and Other Stock Based Awards.**

(a) **Restricted Stock.** The Administrator will specify whether the Award is a Restricted Stock Purchase Award or a Restricted Stock Bonus Award.

(i) **Section 83(b) Election.** The Administrator may require that the Participant deliver a completed copy of the Participant's Section 83(b) election, the taxes due in connection with that election and evidence of timely receipt of the Section 83(b) election by the Internal Revenue Service. If a Participant fails to satisfy these requirements, the Administrator will instruct the Company to withhold/remit (if applicable) taxes on, and report to the applicable taxing authorities, the income recognized on each subsequent vesting date of the Award in accordance with Applicable Law. In the alternative, the Administrator may grant the Award of Restricted Stock subject to a forfeiture condition whereby failure to satisfy these requirements results in the forfeiture of all unvested shares of Common Stock subject to the Award at the Participant's original purchase price (or for no consideration, in the case of a Restricted Stock Bonus Award).

(b) **Restricted Stock Units.**

(i) If the Administrator grants Restricted Stock Units intended to be exempt from Section 409A under Treasury Regulation Section 1.409A-1(b)(4), then (A) the Company will treat each installment of Restricted Stock Units that vests as a separate installment for purposes of Section 409A, and (B) the Company will deliver the vested shares of Common Stock (or other property or cash due on vesting) not later than the last day of the period determined under Treasury Regulation Section 1.409A-1(b)(4), which is incorporated by reference into this Plan.

(ii) If the Administrator grants Restricted Stock Units intended to be compliant deferred compensation under Treasury Regulation Section 1.409A-3, then (A) the Company will treat each installment of Restricted Stock Units that vests as a separate installment for purposes of Section 409A, and (B) if the Award Agreement fails to state at least one permitted distribution event or form of payment, the Award Agreement will be deemed to provide that the earlier to occur of a Change of Control and the date that is the first day of the 6th calendar year after the Grant Date as the permitted distribution dates and a lump sum payment as the form of payment.

(c) **Other Stock Awards.** The Administrator may grant or sell Awards that are valued in whole or in part by reference to, or are otherwise based on the Fair Market Value of, shares of the Company's Common Stock. The Administrator will determine the form of such Award and the terms and conditions to earning the Award in its sole discretion, including the number of shares referenced by the Award, the vesting schedule, whether it will be settled in Common Stock, cash or other property, and when it will be settled.

9. **Tax Matters.**

(a) **Withholding.** The Company will require the Participant to pay to the Company or a Related Company, as applicable, the amount of (i) any taxes that the Company or a Related Company is required by applicable federal, state, local or foreign law to withhold with respect to an Award and (ii) any other amounts due from the Participant to the Company, any Related Company or any governmental authority. The Company will not be required to issue any shares of Common Stock or otherwise settle an Award under the Plan until such tax withholding obligations and other obligations are satisfied. As a result, a Participant may not be able to exercise an Award or have an Award settled, even though the Award is vested, unless and until such obligations are satisfied. As a condition to acceptance of any Award under the Plan, (i) a Participant authorizes withholding by the Company or a Related Company from payroll and any other amounts payable to such Participant, and otherwise agree to make adequate provision for (including), any sums required to satisfy any U.S. federal, state, local and/or foreign tax or social insurance contribution withholding obligations of the Company or a Related Company which arise in connection with the Award and (ii) a Participant agrees to indemnify and hold the Company and the Related Companies harmless from any failure by the Company or a Related Company to withhold the proper amount. The Administrator makes no representations that Awards granted under the Plan will, and makes no undertaking to, minimize the tax impact to the Participant.

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(b) **Section 409A.** The Company intends that the Plan and Awards granted under the Plan (unless otherwise expressly provided for in the Award Agreement and Administrator resolutions approving the Award) are exempt from the requirements of Section 409A to the maximum extent possible, whether pursuant to the short-term deferral exception described in Treasury Regulation Section 1.409A-1(b)(4), the exclusion applicable to stock options, stock appreciation rights and certain other equity-based compensation under Treasury Regulation Section 1.409A-1(b)(5) or 1.409A-1(b)(6), or otherwise. The Administrator will use reasonable best efforts to interpret, operate and administer the Plan and any Award granted under the Plan in a manner consistent with this intention. However, the Administrator makes no representations that Awards granted under the Plan will be exempt from or comply with Section 409A and makes no undertaking to preclude Section 409A from applying to Awards granted under the Plan.

(i) If Section 409A is applicable to any Award granted under the Plan (that is, to the extent not so exempt), the Administrator intends that the non-exempt Award will comply with the deferral, payout, plan termination and other limitations and restrictions imposed under Section 409A.

(ii) If necessary for exemption from, or compliance with, Section 409A:

(A) All references in the Plan or any Award granted under the Plan to the termination of the Participant's employment or service are intended to mean the Participant's "separation from service," within the meaning of Section 409A(a)(2)(A)(i).

(B) The Administrator will treat each installment that vests or is delivered under an Award in a series of payments or installments as a separate payment for purposes of Section 409A, unless expressly set forth in the Award Agreement that each installment is not a separate payment.

(C) If the Participant is a "specified employee," within the meaning of Section 409A, then if necessary to avoid subjecting the Participant to the imposition of any additional tax under Section 409A, amounts that would otherwise be payable under the Plan or any Award granted under the Plan during the 6-month period immediately following the Participant's "separation from service" will not be paid to the Participant during such period, but will instead be accumulated and paid to the Participant (or, in the event of the Participant's death, the Participant's estate) in a lump sum on the first business day after the earlier of the date that is 6 months following the Participant's separation from service or the Participant's death, unless the amounts can be paid in another manner that complies with Section 409A.

(D) If, after the Grant Date of an Award, the Administrator determines that an Award is reasonably likely to fail to be either exempt from or compliant with Section 409A, the Administrator reserves the right, but will not be required, to unilaterally (and without the affected Participant's consent) amend or modify the Plan and any Award granted under the Plan so that the Award qualifies for exemption from or complies with Section 409A. Any such amendment or modification made to avoid the imposition of adverse taxation under Section 409A will be deemed not to materially adversely impact the Participant.

(E) The right to any dividends or Dividend Equivalents declared and paid on the number of shares underlying an Option or a Stock Appreciation Right may not be contingent, directly or indirectly, on the exercise of the Option or Stock Appreciation Right and must otherwise comply with or qualify for an exemption under Section 409A. In addition, the right to any dividends or Dividend Equivalents declared and paid on Restricted Stock must comply with or qualify for an exemption under Section 409A.

#### 10. **Restrictions on Transfer of Awards and Common Stock.**

(a) **No Transfer of Awards.** A Participant may not Transfer an Award or interest in an Award other than (i) Transfers on Participant's death by will or by the Applicable Laws of descent and distribution, and (ii) Transfers of vested shares of Common Stock after the period of restrictions have lapsed or been removed and the shares have been issued to the Participant, and subject to compliance with the Company's policies on trading in Company securities and Applicable Laws. In general, during a Participant's lifetime, only the Participant granted the Award may exercise the Award or purchase the shares under the Award. The Administrator may permit the Transfer of an Award or an interest in an Award if that Transfer complies with all Applicable Laws, such as a transfer to a trust if the Participant is considered the sole beneficial owner of the trust (as determined under Applicable Laws) or pursuant to a court-endorsed domestic relations order in a format acceptable to the Administrator.

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(b) **Refusal to Transfer.** The Company will not be required (i) to Transfer on its books any shares of Common Stock that have been purportedly Transferred in violation of any of the provisions of this Plan, or (ii) to treat as owner of the shares or to accord the right to vote or pay dividends to any purchaser or other transferee to whom the shares have purportedly been so Transferred. In general, any Transfer or purported Transfer of an Award or of shares of Common Stock issued under the Plan in violation of the Plan will be null and void, will have no force or effect.

11. **Changes to Company's Common Stock.**

(a) If the Company undertakes a stock dividend, stock split, spin-off, combination or exchange of shares, recapitalization, merger, consolidation, distribution to stockholders other than a normal cash dividend, or other change in the Company's corporate or capital structure that constitutes an equity restructuring transaction, as that term is used in Statement of Financial Accounting Standards Board Accounting Standards Codification Topic 718 (or any successor thereto) and that results in (i) the outstanding shares of Common Stock, or any securities exchanged therefor or received in their place, being exchanged for a different number or kind of securities of the Company or any other company or (ii) new, different or additional securities of the Company or any other company being received by the holders of shares of Common Stock, then the Administrator will make proportional adjustments in (A) the maximum number and kind of securities available for issuance under the Plan; (B) the maximum number and kind of securities subject to the Award Limits, and (C) the maximum number and kind of securities that are subject to any outstanding Award and the per share price of such securities, without any change in the aggregate price to be paid under the Award, in each case as necessary to prevent the diminution or enlargement of rights under this Plan. The determination by the Administrator as to the terms of any of the foregoing adjustments will be conclusive and binding. For clarity, the issuance by the Company of shares of stock of any class, or securities convertible into shares of stock of any class, for cash or property, or for labor or services rendered, either on direct sale or on the exercise of rights or warrants to subscribe therefor, or on conversion of shares or obligations of the Company convertible into such shares or other securities, will not affect, and no adjustment by reason thereof will be made with respect to, outstanding Awards.

(b) **Dissolution or Liquidation.** To the extent not previously exercised or settled, and unless otherwise determined by the Administrator in its sole discretion, Awards will terminate immediately prior to the dissolution or liquidation of the Company. If a vesting condition, forfeiture provision or repurchase right applicable to an Award has not been waived by the Administrator, the portion of the Award subject to that condition, provision or right will be forfeited immediately prior to the consummation of the dissolution or liquidation.

(c) **Change of Control.** The following provisions will apply to Awards in the event of a Change of Control unless otherwise provided in the Award Agreement or any other written agreement between the Company or any Related Company and the Participant. In the event of a Change of Control:

(i) All outstanding Awards that are subject to vesting based on continued employment with the Company or a Related Company shall become fully vested and immediately exercisable or payable, and all applicable restrictions or forfeiture provisions shall lapse, immediately prior to the Change of Control and such Awards shall terminate at the effective time of the Change of Control; provided, however, that with respect to a Change of Control that is a Company Transaction in which such Awards could be converted, assumed, substituted for or replaced by the Successor Company, such Awards shall become fully vested and exercisable or payable, all applicable restrictions or forfeiture provisions shall lapse, and such Awards shall terminate at the effective time of the Change of Control, only if and to the extent such Awards are not converted, assumed, substituted for or replaced by the Successor Company. If and to the extent that the Successor Company converts, assumes, substitutes for or replaces an Award, the vesting restrictions and/or forfeiture provisions applicable to such Award shall not be accelerated or lapse, and all such vesting restrictions and/or forfeiture provisions shall continue with respect to any shares of the Successor Company or other consideration that may be received with respect to such Award.

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(ii) For the purposes of Section 11(c)(i), an Award shall be considered converted, assumed, substituted for or replaced by the Successor Company if following the Company Transaction the Award confers the right to purchase or receive, for each share of Common Stock subject to the Award immediately prior to the Company Transaction, the consideration (whether stock, cash or other securities or property) received in the Company Transaction by holders of Common Stock for each share held on the effective date of the transaction (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding shares); provided, however, that if such consideration received in the Company Transaction is not solely common stock of the Successor Company, the Administrator may, with the consent of the Successor Company, provide for the consideration to be received pursuant to the Award, for each share of Common Stock subject thereto, to be solely common stock of the Successor Company substantially equal in fair market value to the per share consideration received by holders of Common Stock in the Company Transaction. The determination of such substantial equality of value of consideration shall be made by the Administrator, and its determination shall be conclusive and binding.

(iii) All outstanding Awards that are subject to vesting based on the achievement of specified performance goals, and that are earned and outstanding as of the date the Change of Control is determined to have occurred, and for which the payout level has been determined, shall be payable in full in accordance with the payout schedule pursuant to the instrument evidencing the Award. Any remaining outstanding Awards that are subject to vesting based on the achievement of specified performance goals (including any applicable performance period) for which the payout level has not been determined shall be prorated based on actual results measured against the performance goals as of the Change of Control and shall be payable in accordance with the payout schedule pursuant to the instrument evidencing the Award. Any existing deferrals or other restrictions not waived by the Administrator in its sole discretion shall remain in effect. With respect to a Change of Control that is a Company Transaction in which such Awards could be converted, assumed, substituted for or replaced by the Successor Company, such Awards shall terminate at the effective time of the Change of Control if and to the extent such Awards are not converted, assumed, substituted for or replaced by the Successor Company.

(iv) Notwithstanding the foregoing, the Administrator, in its sole discretion, may instead provide in the event of a Change of Control that is a Company Transaction that a Participant's outstanding Awards shall terminate upon or immediately prior to such Company Transaction and that such Participant shall receive, in exchange therefor, a cash payment equal to the amount (if any) by which (A) the value of the per share consideration received by holders of Common Stock in the Company Transaction, or, in the event the Company Transaction is a transaction that does not result in direct receipt of consideration by holders of Common Stock, the value of the deemed per share consideration received, in each case as determined by the Administrator in its sole discretion, multiplied by the number of shares of Common Stock subject to such outstanding Awards (to the extent then vested and exercisable or whether or not then vested and exercisable, as determined by the Administrator in its sole discretion) exceeds (B) if applicable, the respective aggregate exercise price or grant price for such Awards.

(v) For the avoidance of doubt, nothing in this Section 11(c) requires all outstanding Awards to be treated similarly.

(d) **Further Adjustment of Awards.** The Administrator will have the discretion to take additional action as it determines to be necessary or advisable with respect to Awards. Such authorized action may include (but will not be limited to) establishing, amending or waiving the type, terms, conditions or duration of, or restrictions on, Awards so as to provide for earlier, later, extended or additional time for exercise, lifting restrictions and other modifications, and the Administrator may take such actions with respect to all Participants, to certain categories of Participants or only to individual Participants. The Administrator may take such action before or after granting Awards to which the action relates and before or after any public announcement with respect to such sale, merger, consolidation, reorganization, liquidation, dissolution or change of control that is the reason for such action.

(e) **No Limitations.** The grant of Awards will in no way affect the Company's right to adjust, reclassify, reorganize or otherwise change its capital or business structure or to merge, consolidate, dissolve, liquidate or sell or Transfer all or any part of its business or assets.

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(f) **Payment Conditions.** By accepting an Award under the Plan, each Participant agrees that if an Award is to be terminated in connection with a Change of Control in exchange for a payment in cash, securities or other property, a condition to receipt of any such payment is that the Participant execute an Award termination agreement providing for, among other things, (i) the Participant's agreement and consent to (A) the amount of such consideration to be paid in respect of the Award and (B) the termination of the Award in exchange for such consideration, (ii) the Participant's agreement to be bound by the indemnification, escrow, earn-out, holdback or similar arrangements contained in the definitive agreements relating to the Change of Control that are applicable to holders of Common Stock generally, (iii) a customary release of any and all claims the Participant may have, whether known, unknown or otherwise, arising from or relating to the Award and ownership of Company securities, including any claims relating to cash, equity or other compensation, (iv) the Participant's agreement to keep all non-public information provided in connection with the Change of Control transaction confidential, and (v) other customary provisions.

(h) **Fractional Shares.** In the event of any adjustment in the number of shares covered by any Award, each such Award will cover only the number of full shares resulting from such adjustment, and any fractional shares resulting from such adjustment will be disregarded.

12. **Term of the Plan.** This Plan will shall have no fixed expiration date. The Administrator may not grant new Awards after the Plan is terminated.

13. **Amendment and Termination.**

(a) **Plan Amendment, Suspension or Termination.** The Administrator may amend, suspend or terminate the Plan or any portion of the Plan at any time and in such respects as it will deem advisable, provided that any such amendment would not require approval of the Company's stockholders pursuant to the Listing Rule.

(b) **Award Amendment.** The Administrator may amend any Award at any time, subject to the restrictions of the Listing Rule. However, the Administrator may not amend an Award in a manner that materially adversely impacts the rights of the Participant holding that Award without the Participant's written consent. A Participant will not be deemed to have been materially adversely impacted if, without the consent of the Participant, the Board amends an Award: (i) to clarify the manner of exemption from, or to bring the Award into compliance with Section 409A, (ii) to correct clerical or typographical errors, or (iii) to comply with other Applicable Laws.

14. **No Individual Rights.**

(a) No individual or Participant will have any claim to be granted any Award under the Plan. The Company has no obligation for uniformity of treatment of Participants under the Plan.

(b) Nothing in the Plan or any Award will be deemed to constitute an employment contract or confer or be deemed to confer on any Participant any right to continue in the employ of, or to continue any other service relationship with, the Company or any Related Company or limit in any way the right of the Company or any Related Company to terminate a Participant's Service relationship at any time, with or without cause.

15. **Conditions on Issuance of Shares.**

(a) The Company will have no obligation to issue or deliver any shares of Common Stock under the Plan or make any other distribution of benefits under the Plan unless, in the opinion of the Company's counsel, such issuance, delivery or distribution would comply with all Applicable Laws.

(b) The Company will be under no obligation to any Participant to register for offering or resale or to qualify for exemption under the Securities Act, or to register or qualify under the laws of any state or foreign jurisdiction, any shares of Common Stock, security or interest in a security paid or issued under, or created by, the Plan, or to continue in effect any such registrations or qualifications if made. If, after reasonable efforts and at a reasonable cost, the Company is unable to obtain from any regulatory commission or agency the authority that legal counsel for the Company deems necessary or advisable for the lawful issuance and sale of Common Stock under the Plan, the Company will be relieved from any liability for failure to issue and sell Common Stock under those Awards.

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(c) As a condition to the receipt of Common Stock under the Plan, the Administrator may require the Participant to (i) make any representations or warranties required for compliance with Applicable Laws and (ii) undertake additional actions as necessary to comply with Applicable Laws.

(d) The Company may issue shares of Common Stock on a noncertificated basis, including as digital assets located on a distributed ledger or blockchain, to the extent not prohibited by Applicable Law or the applicable rules of any stock exchange. The Company may require that any shares of Common Stock that are unvested or subject to transfer restrictions will be (i) held in book entry form subject to the Company's instructions until such shares become vested or any other restrictions lapse or (ii) evidenced by a certificate, which certificate will be held in such form and manner as determined by the Administrator.

16. **No Rights as a Stockholder.** Unless otherwise provided by the Administrator or in the Award Agreement or in a written employment, services or other agreement, no Participant will be deemed to be the holder of, or have any rights of a holder of, the shares of the Common Stock subject to an Award unless and until the date of issuance under the Plan of the shares that are the subject of such Award. No adjustment to an Award will be made for a dividend or other right for which the record date is prior to the date the shares of Common Stock are issued, except as provided in Section 11.

17. **Participants in Other Countries or Jurisdictions.** The Administrator may grant Awards to Eligible Persons who are foreign nationals on such terms and conditions different from those specified in the Plan, as may, in the judgment of the Administrator, be necessary or desirable to foster and promote achievement of the purposes of the Plan. The Administrator has the authority to adopt Plan modifications, administrative procedures, subplans and the like as may be necessary or desirable to comply with provisions of the laws or regulations of other countries or jurisdictions in which the Company or any Related Company may operate or have employees.

18. **No Trust or Fund.** The Plan is intended to constitute an "unfunded" plan. Nothing contained herein will require the Company to segregate any monies or other property, or shares of Common Stock, or to create any trusts, or to make any special deposits for any immediate or deferred amounts payable to any Participant. No Participant will have any rights that are greater than those of a general unsecured creditor of the Company. Proceeds from the sale of shares of Common Stock pursuant to Awards will constitute general funds of the Company.

19. **Successors.** All obligations of the Company under the Plan with respect to Awards will be binding on any successor to the Company, whether the existence of such successor is the result of a direct or indirect purchase, merger, consolidation, or otherwise, of all or substantially all the business and/or assets of the Company. The Plan and conditions of any Award will be binding on the Participant and the Participant's estate, executor, any receiver or trustee in bankruptcy and any representative of Participant's creditors.

20. **Severability.** If any provision of the Plan or any Award is determined to be invalid, illegal or unenforceable in any jurisdiction, or as to any person, or would disqualify the Plan or any Award under any law deemed applicable by the Administrator, such provision will be construed or deemed amended to conform to Applicable Laws. If any such provision cannot be so construed or deemed amended without, in the Administrator's determination, materially altering the intent of the Plan or the Award, such provision will be stricken as to such jurisdiction, person or Award, and the remainder of the Plan and any such Award will remain in full force and effect.

21. **Choice of Law and Venue.** The Plan, all Awards granted thereunder, and all determinations made and actions taken pursuant hereto, to the extent not otherwise governed by the laws of the United States, will be governed by the laws of the state of Texas without giving effect to principles of conflicts of law. Participants irrevocably consent to the nonexclusive jurisdiction and venue of the state and federal courts located in the state of Texas.

22. **Legal Requirements.** The granting of Awards and the issuance of shares of Common Stock under the Plan are subject to and intended to comply with all Applicable Laws.

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**APPENDIX A**  
**DEFINITIONS**

For purposes of the Plan:

“Acceleration Conditions” means the Participant signs, and does not revoke, the Company’s standard form of release of all claims so that it is effective not later than 60 days after the Termination of Service, resigns from all positions the Participant then holds with the Company, and otherwise complies with all continuing obligations to the Company.

“Acquired Entity” means any entity acquired by the Company or a Related Company or with which the Company or a Related Company merges or combines.

“Admin Portal” means any third-party online stock plan administration portal used to document and administer the Plan and Awards granted hereunder.

“Administrator” has the meaning set forth in Section 3(a) of the Plan.

“Applicable Law” means the requirements relating to the administration of this Plan and the Awards granted hereunder under any applicable securities, federal, state, foreign, material local or municipal or other law, statute, constitution, principle of common law, resolution, ordinance, code, edict, decree, rule, listing rule, regulation, judicial decision, ruling or requirement issued, enacted, adopted, promulgated, implemented or otherwise put into effect by or under the authority of any governmental body (including under the authority of any applicable self-regulating organization such as the Nasdaq Stock Market, New York Stock Exchange, or the Financial Industry Regulatory Authority).

“Award” means any Option, Stock Appreciation Right, Restricted Stock, Restricted Stock Unit or cash-based award or other incentive payable in cash or in shares of Common Stock, as may be designated by the Administrator from time to time.

“Award Agreement” means the written document stating the terms of the Award.

“Board” means the Board of Directors of the Company.

“Cause,” unless otherwise defined in an Award Agreement or in a written employment, services or other agreement between the Participant and the Company or a Related Company, means, with respect to a Participant, the occurrence of any of the following events: (a) such Participant’s commission of any felony; (b) such Participant’s commission of a crime involving fraud or dishonesty under the laws of the United States or any state thereof that are applicable to that Participant and which crime is reasonably likely to result in material adverse effects on the Company or a Related Company; (c) such Participant’s material violation of any contract or agreement between the Participant and the Company or a Related Company or material breach of any statutory duty owed to the Company or a Related Company; (d) such Participant’s unauthorized use or disclosure of the confidential information or trade secrets of the Company or a Related Company; or (e) such Participant’s gross misconduct that is reasonably likely to result in material adverse effects on the Company or a Related Company. The determination that a termination of the Participant is either for Cause or without Cause will be made by the Administrator, in its sole discretion. Any determination by the Administrator that a Participant was terminated with or without Cause for the purposes of outstanding Awards held by such Participant will have no effect on any determination of the rights or obligations of the Company or such Participant for any other purpose.

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“Change of Control,” unless the Administrator determines otherwise with respect to an Award at the time the Award is granted or unless otherwise defined for purposes of an Award in a written employment, services or other agreement between the Participant and the Company or a Related Company, means the consummation, in a single transaction or in a series of related transactions, of any one or more of the following events:

- (a) Any person or entity becomes the owner, directly or indirectly, of securities of the Company representing more than 50% of the combined voting power of the Company’s then outstanding securities other than by virtue of a merger, consolidation or similar transaction.
- (b) A Company Transaction.

However, the term Change of Control will not include a sale of assets, merger or other transaction effected exclusively for the purpose of changing the domicile of the Company.

In addition, a Change of Control will not be deemed to occur (i) on account of the acquisition of securities of the Company by an investor, any affiliate thereof or any other entity or person that acquires the Company’s securities in a transaction or series of related transactions the primary purpose of which is to obtain financing for the Company through the issuance of equity securities, or (ii) solely because the level of ownership held by any person or entity (the “Subject Person”) exceeds the designated percentage threshold of the outstanding voting securities as a result of a repurchase or other acquisition of voting securities by the Company reducing the number of shares outstanding. However, if a Change of Control would occur (but for the operation of this sentence) as a result of the acquisition of voting securities by the Company, and after such share acquisition, the Subject Person becomes the owner of any additional voting securities that, assuming the repurchase or other acquisition had not occurred, increases the percentage of the then outstanding voting securities owned by the Subject Person over the designated percentage threshold, then a Change of Control will be deemed to occur.

If necessary for compliance with Section 409A, no transaction will be a Change of Control unless it is also a change in the ownership or effective control of the Company, or in the ownership of a substantial portion of the Company’s assets, as provided in Section 409A(a)(2)(A)(v) of the Code and Treasury Regulations Section 1.409A-3(i)(5).

“Code” means the Internal Revenue Code of 1986, as amended from time to time.

“Committee” means a duly authorized committee of the Board that is structured to satisfy Applicable Laws for purposes of the actions being taken by that Committee.

“Common Stock” means the common stock, par value \$0.001 per share, of the Company.

“Company” means Applied Optoelectronics, Inc., a Delaware corporation.

“Company Transaction” means:

- (a) a merger, consolidation or similar transaction involving (directly or indirectly) the Company and, immediately after the consummation of such merger, consolidation or similar transaction, the stockholders of the Company immediately prior thereto do not own, directly or indirectly, either (A) outstanding voting securities representing more than 50% of the combined outstanding voting power of the surviving entity in such merger, consolidation or similar transaction, or (B) more than 50% of the combined outstanding voting power of the parent of the surviving entity in such merger, consolidation or similar transaction, in each case in substantially the same proportions as their ownership of the outstanding voting securities of the Company immediately prior to such transaction;
  - (b) a sale in one transaction or a series of transactions undertaken with a common purpose of more than 50% of the Company’s outstanding voting securities; or
  - (c) a sale or other disposition of all or substantially all of the consolidated assets of the Company and its subsidiaries, other than a sale or other disposition of all or substantially all of the consolidated assets of the Company and its subsidiaries to a person or entity, more than 50% of the combined voting power of the voting securities of which are owned by stockholders of the Company in substantially the same proportions as their ownership of the outstanding voting securities of the Company immediately prior to such sale or other disposition.
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“Disability,” unless otherwise defined by the Administrator for purposes of the Plan or in an Award Agreement or in a written employment, services or other agreement between the Participant and the Company or a Related Company, means a mental or physical impairment of the Participant that is expected to result in death or that has lasted or is expected to last for a continuous period of 12 months or more and that causes the Participant to be unable to perform the Participant’s material duties for the Company or a Related Company and to be engaged in any substantial gainful activity, in each case as determined by the Company’s chief human resources officer or other person performing that function or, in the case of directors and executive officers, the Administrator, each of whose determination will be conclusive and binding.

“Dividend Equivalent” means a credit, made at the discretion of the Administrator or as otherwise provided by the Plan, to the account of a Participant in an amount equal to the cash dividends paid on one share of Common Stock for each share represented by an Award held by such Participant. Dividend Equivalents will generally be subject to the same vesting restrictions as the related shares subject to the underlying Award. The Administrator may settle Dividend Equivalents in cash, shares of Common Stock, or a combination thereof.

“Effective Date” means the date the Plan is approved by the Board.

“Eligible Person” means any person eligible to receive an Award as set forth in Section 5 of the Plan.

“Exchange Act” means the Securities Exchange Act of 1934, as amended from time to time.

“Fair Market Value” means the per share fair market value of the Common Stock as established in good faith by the Administrator. In general, if the Common Stock is listed on an established stock exchange or national market system, the Administrator will use the closing sales price for the Common Stock on any given date during regular trading, or if not trading on that date, such price on the last preceding date on which the Common Stock was traded, unless determined otherwise by the Administrator using such methods or procedures as it may establish. If the Common Stock is not listed on a national stock exchange or national market system, the Administrator will determine Fair Market Value in a manner consistent with Sections 409A of the Code. However, in determining the value of a share for purposes of tax reporting purposes and such other purposes as determined by the Administrator, the Administrator may calculate Fair Market Value using the foregoing methods, the actual sales price in the transaction at issue (e.g., “*sell to cover*”), or such other value determined by the Company’s general counsel or principal financial officer in good faith in a manner that complies with applicable tax laws.

“Good Reason” will have the meaning ascribed to such term in any written agreement between the Participant and the Company defining such term as applicable to an Award and, in the absence of such agreement, such term means, with respect to a Participant, the Participant’s resignation from all positions he or she then-holds with the Company following: (i) a reduction in the Participant’s base salary of more than 10% or (ii) the required relocation of Participant’s primary work location to a facility that increases the Participant’s one-way commute by more than 50 miles, in either case, only if (x) Participant provides written notice to the Company’s Chief Executive Officer within 30 days following such event identifying the nature of the event, (y) the Company fails to cure such event within 30 days following receipt of such written notice and (z) Participant’s resignation is effective not later than 30 days thereafter.

“Grant Date” means the later of (a) the date on which the Administrator completes the corporate action authorizing the grant of an Award or such later date specified by the Administrator and (b) the date on which all conditions precedent to an Award have been satisfied, provided that conditions to the exercisability or vesting of Awards will not defer the Grant Date.

“Listing Rule” has the meaning set forth in Section 1 of the Plan.

“Nonqualified Stock Option,” “Nonstatutory Stock Option,” or “NSO” means an Option that does not qualify as an incentive stock option under Section 422 of the Code.

“Option” means a right to purchase Common Stock granted under Section 7 of the Plan. Options granted under the Plan will be Nonstatutory Stock Options.

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“Outside Director” means a member of the Board who is not an employee of the Company or any Related Company.

“Parent Company” means a company or other entity which as a result of a Company Transaction owns the Company or all or substantially all of the Company’s assets either directly or through one or more subsidiaries.

“Participant” means any Eligible Person to whom an Award is granted.

“Performance Metrics” means performance objectives measuring achievement in earnings (including earnings per share or net earnings); earnings before interest, taxes and depreciation; earnings before interest, taxes, depreciation and amortization; total stockholder return; return on equity or average stockholder’s equity; return on assets, investment, or capital employed; stock price; margin (including gross margin); income (before or after taxes); operating income; operating income after taxes; pre-tax profit; operating cash flow; sales or revenue targets; increases in revenue or product revenue; expenses and cost reduction goals; improvement in or attainment of working capital levels; economic value added (or an equivalent metric); market share; cash flow; cash flow per share; share price performance; debt reduction; customer satisfaction; stockholders’ equity; capital expenditures; debt levels; operating profit or net operating profit; workforce diversity; growth of net income or operating income; billings; financing; regulatory milestones; stockholder liquidity; corporate governance and compliance; environmental or climate impact; social good impact; intellectual property; personnel matters; progress of internal research; progress of partnered programs; partner satisfaction; budget management; partner or collaborator achievements; internal controls, including those related to the Sarbanes-Oxley Act of 2002; investor relations, analysts and communication; implementation or completion of projects or processes; employee retention; strategic partnerships or transactions (including in-licensing and out-licensing of intellectual property); establishing relationships with respect to the marketing, distribution and sale of the Company’s products; supply chain achievements; co-development, co-marketing, profit sharing, joint venture or other similar arrangements; individual performance goals; corporate development and planning goals; and other measures of performance selected by the Administrator. Performance Metrics may be measured on an absolute basis or relative to a pre-established target, across or within Performance Periods, and, with respect to financial metrics, in accordance with or with deviations from either United States Generally Accepted Accounting Principles (“GAAP”) or International Accounting Standards Board (“IASB”) principles.

“Plan” means this 2023 Equity Inducement Plan.

“Related Company” means any “parent” or “subsidiary” of the Company, as such terms are defined under Rule 405 of the Securities Act. The Administrator will determine status as a Related Company.

“Restricted Stock” means an Award of shares of Common Stock, either without payment of a purchase price (a “Restricted Stock Bonus Award”) or with payment of a purchase price (a “Restricted Stock Purchase Award”).

“Restricted Stock Unit” or “RSU” means an Award denominated in units of Common Stock that represents an unfunded, unsecured right to receive the Fair Market Value of one share of Common Stock for each unit subject to the Award in cash, Common Stock or other securities, on the date of vesting or settlement.

“Rule 16b-3” means Rule 16b-3 of the Exchange Act or any successor to Rule 16b-3, as in effect when discretion is being exercised with respect to the Plan.

“Section 409A” means Section 409A of the Code.

“Securities Act” means the Securities Act of 1933, as amended from time to time.

“Service” means there has not been a Termination of Service with respect to a Participant.

“Stock Appreciation Right” or “SAR” means a right to receive, in cash, shares of Common Stock or other securities, (i) the Fair Market Value per share of Common Stock on the date of exercise minus the grant price per share of Common Stock subject to the SAR, multiplied by (ii) the number of shares of Common Stock with respect to which the SAR is exercised.

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“Substitute Awards” means Awards granted or shares of Common Stock issued by the Company in substitution for awards previously granted by an Acquired Entity.

“Successor Company” means the surviving company, the successor company or Parent Company, as applicable, in connection with a Company Transaction.

“Termination of Service,” unless the Administrator determines otherwise with respect to an Award, means a termination of employment relationship with the Company or a Related Company for any reason, whether voluntary or involuntary, including by reason of death or Disability. Any question as to whether and when there has been a Termination of Service for the purposes of an Award and the cause of such Termination of Service will be determined by the Company’s chief human resources officer or other person performing that function or, with respect to directors and executive officers, by the Administrator, whose determination will be conclusive and binding. Transfer of a Participant’s employment relationship between the Company and any Related Company will not be considered a Termination of Service for purposes of an Award. Unless the Administrator determines otherwise, a Termination of Service will be deemed to occur if the Participant’s employment relationship is with an entity that has ceased to be a Related Company. A Participant’s change in status from an employee of the Company or a Related Company to an Outside Director, consultant, advisor or independent contractor of the Company or a Related Company will not be considered a Termination of Service.

“Transfer” means, as the context may require, (a) any sale, assignment, pledge (as collateral for a loan or as security for the performance of an obligation or for any other purpose), hypothecation, mortgage, encumbrance or other disposition, whether by contract, gift, will, intestate succession, operation of law or otherwise, of all or any part of an Award or shares issued thereunder, as applicable, (b) any transaction designed to give the stockholder essentially the same economic benefit as any of the foregoing, and (c) any verb equivalent of the foregoing.

“Vesting Commencement Date” means the Grant Date or such other date selected by the Administrator as the date from which an Award begins to vest.

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## Calculation of Filing Fee Tables

**Form S-8**  
(Form Type)

**APPLIED OPTOELECTRONICS, INC.**  
(Exact Name of Registrant as Specified in its Charter)

Table 1: Newly Registered Securities

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered <sup>(1)</sup>	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
Equity	Common Stock	Other	800,000	\$ 6.32 <sup>(2)</sup>	\$ 5,056,000	0.00011020	\$ 557.17
<b>Total Offering Amounts</b>					\$ 5,056,000		\$ 557.17
<b>Total Fee Offsets</b>							\$ —
<b>Net Fee Due</b>							\$ 557.17

- (1) This Registration Statement covers 800,000 shares of Common Stock reserved for issuance under the Applied Optoelectronics, Inc. 2023 Equity Inducement Plan (the “Inducement Plan”). Pursuant to Rule 416(a) of the Securities Act of 1933, as amended (the “Securities Act”), this Registration Statement shall also cover any additional shares of Applied Optoelectronics, Inc. (the “Registrant”) common stock, \$0.001 per share (“Common Stock”), that become issuable under the Inducement Plan by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the Registrant’s receipt of consideration that increases the number of the Registrant’s outstanding shares of Common Stock.
- (2) Estimated in accordance with paragraphs (c) and (h) of Rule 457 under the Securities Act solely for purposes of calculating the registration fee. The price for the Common Stock being registered hereby is based on a price of \$6.32 per share of Common Stock, which is the average of the high (\$6.78) and low (\$5.86) trading prices for a share of Common Stock of the Registrant on July 31, 2023, as reported on the Nasdaq Stock Market.