

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

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

MEDICAL DISCOVERIES, INC.

(Exact name of registrant as specified in its charter)

Utah
(State or other jurisdiction of
incorporation or organization)

87-0407858
(I.R.S. Employer
Identification No.)

**738 Aspenwood Lane
Twin Falls, Idaho 83301
(208) 736-1799**

(Address of Principal Executive Offices, including Zip Code)

Medical Discoveries, Inc. 2002 Stock Incentive Plan
(Full title of the plan)

**Judy M. Robinett
Chief Executive Officer
738 Aspenwood Lane
Twin Falls, Idaho 83301
(208) 736-1799**

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

**With a copy to:
Stephen R. Drake, Esq.
Stoel Rives LLP
101 S. Capitol Blvd., Suite 1900
Boise, Idaho 83702
(208) 389-9000**

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered(1)	Proposed Maximum Offering Price per Share(2)	Proposed Maximum Aggregate Offering Price(2)	Amount of Registration Fee(2)
Options to purchase Common Stock	2,000,000	N/A	N/A	N/A
Common Stock, no par value	2,000,000	\$ 0.0585	\$ 117,000	\$ 10.76

- (1) This Registration Statement shall also cover any additional shares of Common Stock that become issuable under the 2002 Stock Incentive Plan by reason of any stock dividend, stock split, recapitalization or other similar transaction effected without the receipt of consideration that results in an increase in the number of outstanding shares of Common Stock of Medical Discoveries, Inc.
- (2) Calculated solely for purposes of this offering under Rule 457(h) of the Securities Act of 1933, as amended, on the basis of the average of the high and low price per share of Common Stock of Medical Discoveries, Inc. as reported by the NASD OTC Bulletin Board on July 10, 2002.

TABLE OF CONTENTS

PART I INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Item 1. Plan Information.*

Item 2. Registrant Information and Employee Plan Annual Information.*

PART II INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

Item 4. Description of Securities.

Item 5. Interests of Named Experts and Counsel.

Item 6. Indemnification of Directors and Officers.

Item 7. Exemption from Registration Claimed.

Item 8. Exhibits.

Item 9. Undertakings.

SIGNATURES

EXHIBIT INDEX

EXHIBIT 4.3

EXHIBIT 5

EXHIBIT 23.1

PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

Item 1. Plan Information.*

Item 2. Registrant Information and Employee Plan Annual Information.*

* Information required by Part I to be contained in the Section 10(a) prospectus is omitted from this Registration Statement in accordance with Rule 428 under the Securities Act of 1933, as amended (the "Securities Act"), and the Note to Part I of Form S-8.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Documents by Reference.

The following documents filed by Medical Discoveries, Inc. (the "Registrant") with the Securities and Exchange Commission (the "SEC") are hereby incorporated by reference into this Registration Statement:

- (1) The Registrant's Annual Report on Form 10-KSB filed with the SEC on April 1, 2002.
- (2) The description of the Common Stock of the Registrant contained in its Form 10, filed with the SEC on June 28, 1984.

In addition, all documents subsequently filed by the Registrant pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), prior to the filing of a post-effective amendment which indicates that all securities offered have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be a part hereof from the date of filing of such documents. Any statement contained in a document incorporated by reference herein shall be deemed to be modified or superseded for purposes hereof to the extent that a statement contained herein (or in any other subsequently filed document which also is incorporated by reference herein) modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed to constitute a part hereof except as so modified or superseded.

Item 4. Description of Securities.

Not applicable.

Item 5. Interests of Named Experts and Counsel.

Not applicable.

Item 6. Indemnification of Directors and Officers.

Section 16-10a-902 ("Section 902") of the Utah Revised Business Corporation Act (the "Revised Act") provides that a corporation may indemnify any individual who was, is, or is threatened to be made a named defendant or respondent (a "Party") in any threatened, pending or completed action, suit or proceeding, whether

Table of Contents

civil, criminal, administrative or investigative and whether formal or informal (a “Proceeding”), because he is or was a director of the corporation or is or was serving at its request as a director, officer, partner, trustee, employee, fiduciary or agent of another corporation or other person or of an employee benefit plan (an “Indemnified Director”), against any obligation incurred with respect to a Proceeding, including any judgment, settlement, penalty, fine or reasonable expense (including attorneys’ fees), incurred in the Proceeding if his conduct was in good faith, he reasonably believed that his conduct was in, or not opposed to, the best interests of the corporation, and, in the case of any criminal proceeding, he had no reasonable cause to believe his conduct was unlawful; except that (i) indemnification under Section 902 in connection with a Proceeding by or in the right of the corporation is limited to payment of reasonable expenses (including attorney’s fees) incurred in connection with the proceeding and (ii) the corporation may not indemnify a director in connection with a Proceeding by or in the right of the corporation in which the director was adjudged liable to the corporation, or in connection with any other Proceeding charging that the director derived an improper personal benefit, whether or not involving action in his official capacity, in which Proceeding he was adjudged liable on the basis that he derived an improper personal benefit.

Section 16-10a-906 of the Revised Act provides that a corporation may not indemnify a director under Section 902 unless authorized and a determination has been made (by the board of directors, a committee of the board of directors, special legal counsel or by the stockholders) that indemnification of the director is permissible in the circumstances because the director has met the applicable standard of conduct set forth in Section 902.

Section 16-10a-903 (“Section 903”) of the Revised Act provides that, unless limited by its articles of incorporation, a corporation shall indemnify a director who was successful, on the merits or otherwise, in the defense of any Proceeding, or in the defense of any claim, issue or matter in the proceeding, to which he was a Party because he is or was a director of the corporation, against reasonable expenses (including attorneys’ fees) incurred by him in connection with the Proceeding or claim.

In addition to the indemnification provided by Sections 902 and 903, Section 16-10a-905 (Section “905”) of the Revised Act provides that, unless otherwise limited by a corporation’s articles of incorporation, a director may apply for indemnification to the court conducting the Proceeding or to another court of competent jurisdiction. On receipt of an application and after giving any notice the court considers necessary, (i) the court may order mandatory indemnification under Section 903, in which case the court shall also order the corporation to pay the director’s reasonable expenses to obtain court-ordered indemnification, or (ii) upon the court’s determination that the director is fairly and reasonably entitled to indemnification in view of all the relevant circumstances and regardless of whether the director met the applicable standard of conduct set forth in Section 902, the court may order indemnification as the court determines to be proper, except that indemnification with respect to certain Proceedings resulting in a director being found liable for certain actions against the corporation may be limited to reasonable expenses (including attorneys’ fees) incurred by the director.

Section 16-10a-904 (“Section 904”) of the Revised Act provides that a corporation may pay for or reimburse the reasonable expenses (including attorneys’ fees) incurred by a director who is a Party to a Proceeding in advance of the final disposition of the Proceeding if (i) the director furnishes the corporation a written affirmation of his good faith belief that he has met the applicable standard of conduct described in Section 902, (ii) the director furnishes to the corporation a written undertaking, executed personally or on his behalf, to repay the advance if it is ultimately determined that he did not meet the required standard of conduct, and (iii) a determination is made that the facts then known to those making the determination would not preclude indemnification under Section 904.

Section 16-10a-907 of the Revised Act provides that, unless a corporation’s articles of incorporation provide otherwise, (i) an officer of the corporation is entitled to mandatory indemnification under Section 903 and is entitled to apply for court ordered indemnification under Section 905, in each case to the same extent as a director, (ii) the corporation may indemnify and advance expenses to an officer, employee, fiduciary or agent of the corporation to the same extent as a director, and (iii) a corporation may also indemnify and advance expenses to an officer, employee, fiduciary or agent who is not a director to a greater extent than the right of

Table of Contents

indemnification granted to directors, if not inconsistent with public policy, and if provided for by its articles of incorporation, bylaws, general or specific action of its board of directors or contract.

The Registrant's Amended Bylaws (the "Bylaws") provide that, subject to the limitations described below, the Registrant shall, to the maximum extent and in the manner permitted by the Revised Act, indemnify any individual made party to a proceeding because he is or was a director or officer of the Registrant, against liability incurred in the proceeding if his conduct was in good faith, he reasonably believed that his conduct was in, or not opposed to, the Registrant's best interest and, in the case of any criminal proceeding he had no reasonable cause to believe his conduct was unlawful. The Registrant may not, however, extend such indemnification to an officer or director in connection with a proceeding by or in the right of the Registrant in which such person was adjudged liable to the Registrant, or in connection with any other proceeding charging that such person derived an improper personal benefit, whether or not involving action in his official capacity, in which proceeding he was adjudged liable on the basis that he derived an improper personal benefit, unless ordered by a court of competent jurisdiction. The Bylaws also permit the Registrant to pay for or reimburse the reasonable expenses incurred by an officer or director who is a party to a proceeding in advance of final disposition of the proceeding if (i) the officer or director furnishes to the Registrant a written affirmation of his good faith belief that he has met the applicable standard of conduct necessary for indemnification, (ii) the officer or director furnishes to the Registrant a written undertaking to repay the advance if its ultimately determined that he did not meet the standard of conduct, and (iii) a determination is made that the facts then known to those making the determination would not preclude indemnification pursuant to the Bylaws.

Utah law permits director liability to be eliminated in accordance with Section 16-10a-841 of the Revised Act, which provides that the liability of a director to the corporation or its stockholders for monetary damages for any action taken or any failure to take any action, as a director, may be limited or eliminated by the corporation except for liability for (i) the amount of financial benefit received by a director to which he is not entitled; (ii) an intentional infliction of harm on the corporation or its stockholders; (iii) a violation of Section 16-10a-842 of the Revised Act which prohibits unlawful distributions by a corporation to its stockholders; or (iv) an intentional violation of criminal law. Such a provision may appear either in a corporation's articles of incorporation or bylaws; however, to be effective, such a provision in the bylaws must be approved by the corporation's stockholders.

The Registrant's Amended and Restated Articles of Incorporation provide that the personal liability of any director to the Registrant or its stockholders for monetary damages for any action taken or the failure to take any action, as a director, is eliminated to the fullest extent permitted by Utah law.

The Bylaws provide that the Registrant may purchase and maintain insurance on behalf of any person who is or was a director, officer, employee, fiduciary or agent of the Registrant, or is or was serving at the request of the Registrant as a director, officer, employee, fiduciary or agent of another corporation, partnership, joint venture, trust or other enterprise against any liability asserted against him or incurred by him in such capacity or arising out of his status in such capacity, whether or not the Registrant would have the power to indemnify him against such liability under the Revised Act.

Item 7. Exemption from Registration Claimed.

Not applicable.

[Table of Contents](#)

Item 8. Exhibits.

Exhibit Number	Title of Document	Location
4.1	Amended and Restated Articles of Incorporation of the Registrant	Exhibit 3.1 to the Registrant's Annual Report on Form 10-KSB for the fiscal year ended December 31, 1994*
4.2	Amended Bylaws of the Registrant	Exhibit 3.2 to the Registrant's Annual Report on Form 10-KSB for the fiscal year ended December 31, 1994*
4.3	2002 Stock Incentive Plan	Filed herewith
5	Opinion of Stoel Rives LLP	Filed herewith
23.1	Consent of Balukoff Lindstrom & Co.	Filed herewith
23.2	Consent of Stoel Rives LLP	Filed herewith (included in Exhibit No. 5)
24	Powers of Attorney	Included on Page 6 hereof

* Incorporated by reference.

Item 9. Undertakings.

(a) The undersigned Registrant hereby undertakes:

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

(i) Include any prospectus required by section 10(a)(3) of the Securities Act of 1933;

(ii) Reflect in the prospectus any facts or events which, individually or together, represent a fundamental change in the Registration Statement; and

(iii) Include any additional or changed information on the plan of distribution.

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) shall not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the Registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference into this Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new Registration Statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To file a post-effective amendment to remove from registration any of the securities that remain unsold at the end of the offering.

MEDICAL DISCOVERIES, INC.

EXHIBIT INDEX

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MEDICAL DISCOVERIES, INC.

2002 STOCK INCENTIVE PLAN

1. PURPOSE. The purpose of this 2002 Stock Incentive Plan (the "Plan") is to enable Medical Discoveries, Inc. (the "Company") to attract and retain the services of (i) selected employees, officers and directors of the Company or any parent or subsidiary of the Company and (ii) selected nonemployee agents, consultants, advisers and independent contractors of the Company or any parent or subsidiary of the Company. For purposes of this Plan, a person is considered to be employed by or in the service of the Company if the person is employed by or in the service of any entity (the "Employer") that is either the Company or a parent or subsidiary of the Company.

2. SHARES SUBJECT TO THE PLAN. Subject to adjustment as provided below and in Section 10, the shares to be offered under the Plan shall consist of Common Stock of the Company, and the total number of shares of Common Stock that may be issued under the Plan shall be 2,000,000 shares. If an option or Performance-Based Award granted under the Plan expires, terminates or is canceled, the unissued shares subject to that option or Performance-Based Award shall again be available under the Plan. If shares awarded as a bonus pursuant to Section 7 or sold pursuant to Section 8 under the Plan are forfeited to or repurchased by the Company, the number of shares forfeited or repurchased shall again be available under the Plan.

3. EFFECTIVE DATE AND DURATION OF PLAN.

3.1 EFFECTIVE DATE. The Plan shall become effective as of July 11, 2002. No Incentive Stock Option (as defined in Section 5 below) granted under the Plan shall become exercisable and no payments shall be made under a Performance-Based Award, however, until the Plan is approved by the affirmative vote of the holders of a majority of the shares of Common Stock represented at a shareholders meeting at which a quorum is present or by means of unanimous consent resolutions, and the exercise of any Incentive Stock Options granted under the Plan before approval shall be conditioned on and subject to that approval. Subject to this limitation, options and Performance-Based Awards may be granted and shares may be awarded as bonuses or sold under the Plan at any time after the effective date and before termination of the Plan.

3.2. DURATION. The Plan shall continue in effect until all shares available for issuance under the Plan have been issued and all restrictions on the shares have lapsed. The Board of Directors may suspend or terminate the Plan at any time except with respect to options, Performance-Based Awards and shares subject to restrictions then outstanding under the Plan. Termination shall not affect any outstanding options, any outstanding Performance-Based Awards or any right of the Company to repurchase shares or the forfeitability of shares issued under the Plan.

4. ADMINISTRATION.

4.1 BOARD OF DIRECTORS. The Plan shall be administered by the Board of Directors of the Company, which shall determine and designate the individuals to whom awards shall be made, the amount of the awards and the other terms and conditions of the awards. Subject to the provisions of the Plan, the Board of Directors may adopt and amend rules and regulations relating to administration of the Plan, advance the lapse of any waiting period, accelerate any exercise date, waive or modify any restriction applicable to shares (except those restrictions imposed by law) and make all other determinations in the judgment of the Board of Directors necessary or desirable for the administration of the Plan. The interpretation and construction of the provisions of the Plan and related agreements by the Board of Directors shall be final and conclusive. The Board of Directors may correct any defect or supply any omission or reconcile any inconsistency in the Plan or in any related agreement in the manner and to the extent it deems expedient to carry the Plan into effect, and the Board of Directors shall be the sole and final judge of such expediency.

4.2 COMMITTEE. The Board of Directors may delegate to any committee of the Board of Directors (the "Committee") any or all authority for administration of the Plan. If authority is delegated to the Committee, all references to the Board of Directors in the Plan shall mean and relate to the Committee, except (i) as otherwise provided by the Board of Directors and (ii) that only the Board of Directors may amend or terminate the Plan as provided in Sections 3 and 11.

5. TYPES OF AWARDS, ELIGIBILITY, LIMITATIONS. The Board of Directors may, from time to time, take the following actions, separately or in combination, under the Plan: (i) grant Incentive Stock Options, as defined in Section 422 of the Internal Revenue Code of 1986, as amended (the "Code"), as provided in Sections 6.1 and 6.2; (ii) grant options other than Incentive Stock Options ("Non-Statutory Stock Options") as provided in Sections 6.1 and 6.3;

(iii) award stock bonuses as provided in Section 7; (iv) sell shares subject to restrictions as provided in Section 8; and (v) award Performance-Based Awards as provided in Section 9. Awards may be made to employees, including employees who are officers or directors, and to other individuals described in Section 1 selected by the Board of Directors; provided, however, that only employees of the Company or any parent or subsidiary of the Company (as defined in subSections 424(e) and 424(f) of the Code) are eligible to receive Incentive Stock Options under the Plan. The Board of Directors shall select the individuals to whom awards shall be made and shall specify the action taken with respect to each individual to whom an award is made. At the discretion of the Board of Directors, an individual may be given an election to surrender an award in exchange for the grant of a new award.

6. OPTION GRANTS.

6.1 GENERAL RULES RELATING TO OPTIONS.

6.1-1 TERMS OF GRANT. The Board of Directors may grant options under the Plan. With respect to each option grant, the Board of Directors shall determine the number of shares subject to the option, the exercise price, the period of the option, the time or times at which the option may be exercised and whether the option is an Incentive Stock Option or a Non-Statutory Stock Option. At the time of the grant of an option or at any time thereafter, the Board of Directors may provide that an optionee who exercised an option with Common Stock of the Company shall automatically receive a new option to purchase additional shares equal to the number of shares surrendered and may specify the terms and conditions of such new options.

6.1-2 EXERCISE OF OPTIONS. Except as provided in Section 6.1-4 or as determined by the Board of Directors, no option granted under the Plan may be exercised unless at the time of exercise the optionee is employed by or in the service of the Company and shall have been so employed or provided such service continuously since the date the option was granted. Except as provided in Sections 6.1-4 and 10, options granted under the Plan may be exercised from time to time over the period stated in each option in amounts and at times prescribed by the Board of Directors, provided that options may not be exercised for fractional shares. Unless otherwise determined by the Board of Directors, if an optionee does not exercise an option in any one year for the full number of shares to which the optionee is entitled in that year, the optionee's rights shall be cumulative and the optionee may purchase those shares in any subsequent year during the term of the option.

6.1-3 NONTRANSFERABILITY. Each Incentive Stock Option and, unless otherwise determined by the Board of Directors, each other option granted under the Plan by its terms (i) shall be nonassignable and nontransferable by the optionee, either voluntarily or by operation of law, except by will or by the laws of descent and distribution of the state or country of the optionee's domicile at the time of death, and (ii) during the optionee's lifetime, shall be exercisable only by the optionee.

6.1-4 TERMINATION OF EMPLOYMENT OR SERVICE.

6.1-4(a) GENERAL RULE. Unless otherwise determined by the Board of Directors, if an optionee's employment or service with the Company terminates for any reason other than because

of total disability or death as provided in Sections 6.1-4(b) and (c), his or her option may be exercised at any time before the expiration date of the option or the expiration of 30 days after the date of termination, whichever is the shorter period, but only if and to the extent the optionee was entitled to exercise the option at the date of termination.

6.1-4(b) TERMINATION BECAUSE OF TOTAL DISABILITY. Unless otherwise determined by the Board of Directors, if an optionee's employment or service with the Company terminates because of total disability, his or her option may be exercised at any time before the expiration date of the option or before the date 12 months after the date of termination, whichever is the shorter period, but only if and to the extent the optionee was entitled to exercise the option at the date of termination. The term "total disability" means a medically determinable mental or physical impairment that is expected to result in death or has lasted or is expected to last for a continuous period of 12 months or more and that, in the opinion of the Company and two independent physicians, causes the optionee to be unable to perform his or her duties as an employee, director, officer or consultant of the Employer and unable to be engaged in any substantial gainful activity. Total disability shall be deemed to have occurred on the first day after the two independent physicians have furnished their written opinion of total disability to the Company and the Company has reached an opinion of total disability.

6.1-4(c) TERMINATION BECAUSE OF DEATH. Unless otherwise determined by the Board of Directors, if an optionee dies while employed by or providing service to the Company, his or her option may be exercised at any time before the expiration date of the option or before the date 12 months after the date of death, whichever is the shorter period, but

only if and to the extent the optionee was entitled to exercise the option at the date of death and only by the person or persons to whom the optionee's rights under the option shall pass by the optionee's will or by the laws of descent and distribution of the state or country of domicile at the time of death.

6.1-4(d) AMENDMENT OF EXERCISE PERIOD APPLICABLE TO TERMINATION. The Board of Directors may at any time extend the 30-day and 12-month exercise periods any length of time not longer than the original expiration date of the option. The Board of Directors may at any time increase the portion of an option that is exercisable, subject to terms and conditions determined by the Board of Directors.

6.1-4(e) FAILURE TO EXERCISE OPTION. To the extent that the option of any deceased optionee or any optionee whose employment or service terminates is not exercised within the applicable period, all further rights to purchase shares pursuant to the option shall cease and terminate.

6.1-4(f) LEAVE OF ABSENCE. Absence on leave approved by the Employer or on account of illness or disability shall not be deemed a termination or interruption of employment or service. Unless otherwise determined by the Board of Directors, vesting of options shall continue during a medical, family or military leave of absence, whether paid or unpaid, and vesting of options shall be suspended during any other unpaid leave of absence.

6.1-5 PURCHASE OF SHARES.

6.1-5(a) NOTICE OF EXERCISE. Unless the Board of Directors determines otherwise, shares may be acquired pursuant to an option granted under the Plan only upon the Company's receipt of written notice from the optionee of the optionee's binding commitment to purchase shares, specifying the number of shares the optionee desires to purchase under the option and the date on which the optionee agrees to complete the transaction, and, if required to comply with the Securities Act of 1933, containing a representation that it is the optionee's intention to acquire the shares for investment and not with a view to distribution.

6.1-5(b) PAYMENT. Unless the Board of Directors determines otherwise, on or before the date specified for completion of the purchase of shares pursuant to an option exercise, the optionee must pay the Company the full purchase price of those shares in cash or by check or, with the consent of the Board of Directors, in whole or in part, in Common Stock of the Company valued at fair market value, restricted stock or other contingent awards denominated in either stock or cash, promissory notes and other forms of

consideration. Unless otherwise determined by the Board of Directors, any Common Stock provided in payment of the purchase price must have been previously acquired and held by the optionee for at least six months. The fair market value of Common Stock provided in payment of the purchase price shall be the closing price of the Common Stock last reported before the time payment in Common Stock is made or, if earlier, committed to be made, if the Common Stock is publicly traded, or another value of the Common Stock as specified by the Board of Directors. No shares shall be issued until full payment for the shares has been made, including all amounts owed for tax withholding. With the consent of the Board of Directors, an optionee may request the Company to apply automatically the shares to be received upon the exercise of a portion of a stock option (even though stock certificates have not yet been issued) to satisfy the purchase price for additional portions of the option.

6.1-5(c) TAX WITHHOLDING. Each optionee who has exercised an option shall, immediately upon notification of the amount due, if any, pay to the Company in cash or by check amounts necessary to satisfy any applicable federal, state and local tax withholding requirements. If additional withholding is or becomes required (as a result of exercise of an option or as a result of disposition of shares acquired pursuant to exercise of an option) beyond any amount deposited before delivery of the certificates, the optionee shall pay such amount, in cash or by check, to the Company on demand. If the optionee fails to pay the amount demanded, the Company or the Employer may withhold that amount from other amounts payable to the optionee, including salary, subject to applicable law. With the consent of the Board of Directors, an optionee may satisfy this obligation, in whole or in part, by instructing the Company to withhold from the shares to be issued upon exercise or by delivering to the Company other shares of Common Stock; provided, however, that the number of shares so withheld or delivered shall not exceed the minimum amount necessary to satisfy the required withholding obligation.

6.1-5(d) REDUCTION OF RESERVED SHARES. Upon the exercise of an option, the number of shares reserved for issuance under the Plan shall be reduced by the number of shares issued upon exercise of the option (less the number of any shares surrendered in payment for the exercise price or withheld to satisfy withholding requirements).

6.1-6 LIMITATIONS ON GRANTS TO NON-EXEMPT EMPLOYEES. Unless otherwise determined by the Board of Directors, if an employee of the

Company or any parent or subsidiary of the Company is a non-exempt employee subject to the overtime compensation provisions of Section 7 of the Fair Labor Standards Act (the "FLSA"), any option granted to that employee shall be subject to the following restrictions: (i) the option price shall be at least 85 percent of the fair market value, as described in Section 6.2-4, of the Common Stock subject to the option on the date it is granted; and (ii) the option shall not be exercisable until at least six months after the date it is granted; provided, however, that this six-month restriction on exercisability will cease to apply if the employee dies, becomes disabled or retires, there is a change in ownership of the Company, or in other circumstances permitted by regulation, all as prescribed in Section 7(e)(8)(B) of the FLSA.

6.2 INCENTIVE STOCK OPTIONS. Incentive Stock Options shall be subject to the following additional terms and conditions:

6.2-1 LIMITATION ON AMOUNT OF GRANTS. If the aggregate fair market value of stock (determined as of the date the option is granted) for which Incentive Stock Options granted under this Plan (and any other stock incentive plan of the Company or its parent or subsidiary corporations, as defined in subSections 424(e) and 424(f) of the Code) are exercisable for the first time by an employee during any calendar year exceeds \$100,000, the portion of the option or options not exceeding \$100,000, to the extent of whole shares, will be treated as an Incentive Stock Option and the remaining portion of the option or options will be treated as a Non-Statutory Stock Option. The preceding sentence will be applied by taking options into account in the order in which they were granted. If, under the \$100,000 limitation, a portion of an option is treated as an Incentive Stock Option and the remaining portion of the option is treated as a Non-Statutory Stock Option, unless the optionee designates otherwise at the time of exercise, the optionee's exercise of all or a portion of the option will be treated as the exercise of the Incentive Stock Option portion of the option to the full extent permitted under the \$100,000 limitation. If an optionee exercises an option that is treated as in part an Incentive Stock Option and

in part a Non-Statutory Stock Option, the Company will designate the portion of the stock acquired pursuant to the exercise of the Incentive Stock Option portion as Incentive Stock Option stock by issuing a separate certificate for that portion of the stock and identifying the certificate as Incentive Stock Option stock in its stock records.

6.2-2 LIMITATIONS ON GRANTS TO 10 PERCENT SHAREHOLDERS. An Incentive Stock Option may be granted under the Plan to an employee possessing more than 10 percent of the total combined voting power of all classes of stock of the Company or any parent or subsidiary (as defined in subSections 424(e) and 424(f) of the Code) only if the option price is at least 110 percent of the fair market value, as described in Section 6.2-4, of the Common Stock subject to the option on the date it is granted and the option by its terms is not exercisable after the expiration of five years from the date it is granted.

6.2-3 DURATION OF OPTIONS. Subject to Sections 6.1-2, 6.1-4 and 6.2-2, Incentive Stock Options granted under the Plan shall continue in effect for the period fixed by the Board of Directors, except that by its terms no Incentive Stock Option shall be exercisable after the expiration of 10 years from the date it is granted.

6.2-4 OPTION PRICE. The option price per share shall be determined by the Board of Directors at the time of grant. Except as provided in Section 6.2-2, the option price shall not be less than 100 percent of the fair market value of the Common Stock covered by the Incentive Stock Option at the date the option is granted. The fair market value shall be the closing price of the Common Stock last reported before the time the option is granted, if the stock is publicly traded, or another value of the Common Stock as specified by the Board of Directors.

6.2-5 LIMITATION ON TIME OF GRANT. No Incentive Stock Option shall be granted on or after the tenth anniversary of the last action by the Board of Directors adopting the Plan or approving an increase in the number of shares available for issuance under the Plan, which action was subsequently approved within 12 months by the shareholders.

6.2-6 EARLY DISPOSITIONS. If within two years after an Incentive Stock Option is granted or within 12 months after an Incentive Stock Option is exercised, the optionee sells or otherwise disposes of Common Stock acquired on exercise of the Option, the optionee shall within 30 days of the sale or disposition notify the Company in writing of (i) the date of the sale or disposition, (ii) the amount realized on the sale or disposition and (iii) the nature of the disposition (e.g., sale, gift, etc.).

6.3 NON-STATUTORY STOCK OPTIONS. Non-Statutory Stock Options shall be subject to the following terms and conditions, in addition to those set forth in Section 6.1 above:

6.3-1 OPTION PRICE. The option price for Non-Statutory Stock Options shall be determined by the Board of Directors at the time of grant

and may be any amount determined by the Board of Directors.

6.3-2 DURATION OF OPTIONS. Non-Statutory Stock Options granted under the Plan shall continue in effect for the period fixed by the Board of Directors.

7. STOCK BONUSES. The Board of Directors may award shares under the Plan as stock bonuses. Shares awarded as a bonus shall be subject to the terms, conditions and restrictions determined by the Board of Directors. The restrictions may include restrictions concerning transferability and forfeiture of the shares awarded, together with any other restrictions determined by the Board of Directors. The Board of Directors may require the recipient to sign an agreement as a condition of the award, but may not require the recipient to pay any monetary consideration other than amounts necessary to satisfy tax withholding requirements. The agreement may contain any terms, conditions, restrictions, representations and warranties required by the Board of Directors. The certificates representing the shares awarded shall bear any legends required by the Board of Directors. The Company may require any recipient of a stock bonus to pay to the Company in cash or by check

upon demand amounts necessary to satisfy any applicable federal, state or local tax withholding requirements. If the recipient fails to pay the amount demanded, the Company or the Employer may withhold that amount from other amounts payable to the recipient, including salary, subject to applicable law. With the consent of the Board of Directors, a recipient may satisfy this obligation, in whole or in part, by instructing the Company to withhold from any shares to be issued or by delivering to the Company other shares of Common Stock; provided, however, that the number of shares so withheld or delivered shall not exceed the minimum amount necessary to satisfy the required withholding obligation. Upon the issuance of a stock bonus, the number of shares reserved for issuance under the Plan shall be reduced by the number of shares issued, less the number of shares withheld or delivered to satisfy withholding obligations.

8. RESTRICTED STOCK. The Board of Directors may issue shares under the Plan for any consideration (including promissory notes and services) determined by the Board of Directors. Shares issued under the Plan shall be subject to the terms, conditions and restrictions determined by the Board of Directors. The restrictions may include restrictions concerning transferability, repurchase by the Company and forfeiture of the shares issued, together with any other restrictions determined by the Board of Directors. All Common Stock issued pursuant to this Section 8 shall be subject to a purchase agreement, which shall be executed by the Company and the prospective purchaser of the shares before the delivery of certificates representing the shares to the purchaser. The purchase agreement may contain any terms, conditions, restrictions, representations and warranties required by the Board of Directors. The certificates representing the shares shall bear any legends required by the Board of Directors. The Company may require any purchaser of restricted stock to pay to the Company in cash or by check upon demand amounts necessary to satisfy any applicable federal, state or local tax withholding requirements. If the purchaser fails to pay the amount demanded, the Company or the Employer may withhold that amount from other amounts payable to the purchaser, including salary, subject to applicable law. With the consent of the Board of Directors, a purchaser may satisfy this obligation, in whole or in part, by instructing the Company to withhold from any shares to be issued or by delivering to the Company other shares of Common Stock; provided, however, that the number of shares so withheld or delivered shall not exceed the minimum amount necessary to satisfy the required withholding obligation. Upon the issuance of restricted stock, the number of shares reserved for issuance under the Plan shall be reduced by the number of shares issued, less the number of shares withheld or delivered to satisfy withholding obligations.

9. PERFORMANCE-BASED AWARDS. The Board of Directors may grant awards intended to qualify as qualified performance-based compensation under Section 162(m) of the Code and the regulations thereunder ("Performance-Based Awards"). Performance-Based Awards shall be denominated at the time of grant either in Common Stock ("Stock Performance Awards") or in dollar amounts ("Dollar Performance Awards"). Payment under a Stock Performance Award or a Dollar Performance Award shall be made, at the discretion of the Board of Directors, in Common Stock ("Performance Shares"), or in cash or in any combination thereof. Performance-Based Awards shall be subject to the following terms and conditions:

9.1 AWARD PERIOD. The Board of Directors shall determine the period of time for which a Performance-Based Award is made (the "Award Period").

9.2 PERFORMANCE GOALS AND PAYMENT. The Board of Directors shall establish in writing objectives ("Performance Goals") that must be met by the Company or any subsidiary, division or other unit of the Company ("Business Unit") during the Award Period as a condition to payment being made under the Performance-Based Award. The Performance Goals for each award shall be one or more targeted levels of performance with respect to one or more of the following objective measures with respect to the Company or any Business Unit: earnings, earnings per share, stock price increase, total shareholder return (stock price increase plus dividends), return on equity, return on assets, return on capital, economic value added, revenues, operating income, inventories, inventory turns,

cash flows or any of the foregoing before the effect of acquisitions, divestitures, accounting changes, and restructuring and special charges (determined according to criteria established by the Board of Directors). The Board of Directors shall also establish the number of Performance Shares or the amount of cash payment to be made under a Performance-Based Award if the Performance Goals are met or exceeded, including the fixing of a maximum payment. The Board of Directors may establish other restrictions to payment under a Performance-Based Award, such as a continued employment requirement, in

addition to satisfaction of the Performance Goals. Some or all of the Performance Shares may be issued at the time of the award as restricted shares subject to forfeiture in whole or in part if Performance Goals or, if applicable, other restrictions are not satisfied.

9.3 COMPUTATION OF PAYMENT. During or after an Award Period, the performance of the Company or Business Unit, as applicable, during the period shall be measured against the Performance Goals. If the Performance Goals are not met, no payment shall be made under a Performance-Based Award. If the Performance Goals are met or exceeded, the Board of Directors shall certify that fact in writing and certify the number of Performance Shares earned or the amount of cash payment to be made under the terms of the Performance-Based Award.

9.4 TAX WITHHOLDING. Each participant who has received Performance Shares shall, upon notification of the amount due, pay to the Company in cash or by check amounts necessary to satisfy any applicable federal, state and local tax withholding requirements. If the participant fails to pay the amount demanded, the Company or the Employer may withhold that amount from other amounts payable to the participant, including salary, subject to applicable law. With the consent of the Board of Directors, a participant may satisfy this obligation, in whole or in part, by instructing the Company to withhold from any shares to be issued or by delivering to the Company other shares of Common Stock; provided, however, that the number of shares so delivered or withheld shall not exceed the minimum amount necessary to satisfy the required withholding obligation.

9.5 EFFECT ON SHARES AVAILABLE. The payment of a Performance-Based Award in cash shall not reduce the number of shares of Common Stock reserved for issuance under the Plan. The number of shares of Common Stock reserved for issuance under the Plan shall be reduced by the number of shares issued upon payment of an award, less the number of shares delivered or withheld to satisfy withholding obligations.

10. CHANGES IN CAPITAL STRUCTURE.

10.1 STOCK SPLITS, STOCK DIVIDENDS. If the outstanding Common Stock of the Company is hereafter increased or decreased or changed into or exchanged for a different number or kind of shares or other securities of the Company by reason of any stock split, combination of shares, dividend payable in shares, recapitalization or reclassification, appropriate adjustment shall be made by the Board of Directors in the number and kind of shares available for grants under the Plan and in all other share amounts set forth in the Plan. In addition, the Board of Directors shall make appropriate adjustment in the number and kind of shares as to which outstanding options, or portions thereof then unexercised, shall be exercisable, so that the optionee's proportionate interest before and after the occurrence of the event is maintained. Notwithstanding the foregoing, the Board of Directors shall have no obligation to effect any adjustment that would or might result in the issuance of fractional shares, and any fractional shares resulting from any adjustment may be disregarded or provided for in any manner determined by the Board of Directors. Any such adjustments made by the Board of Directors shall be conclusive.

10.2 MERGERS, REORGANIZATIONS, ETC. In the event of a merger, consolidation, plan of exchange, acquisition of property or stock, split-up, split-off, spin-off, reorganization or liquidation to which the Company is a party or any sale, lease, exchange or other transfer (in one transaction or a series of related transactions) of all, or substantially all, of the assets of the Company (each, a "Transaction"), the Board of Directors shall, in its sole discretion and to the extent possible under the structure of the Transaction, select one of the following alternatives for treating outstanding options under the Plan:

10.2-1 Outstanding options shall remain in effect in accordance with their terms. 10.2-2 Outstanding options shall be converted into options to purchase stock in one or more of the corporations, including the Company, that are the surviving or acquiring corporations in the Transaction. The amount, type of securities subject thereto and exercise price of the converted options shall be determined by the Board of Directors of the Company, taking into account the relative values of the companies involved in the Transaction and the exchange rate, if any, used in determining shares of the surviving corporation(s) to be held by holders of shares of the Company following the Transaction. Unless otherwise determined by the Board of Directors, the converted

options shall be vested only to the extent that the vesting requirements relating to options granted hereunder have been satisfied.

10.2-3 The Board of Directors shall provide a period of 30 days or less before the completion of the Transaction during which outstanding options may be exercised to the extent then exercisable, and upon the expiration of that period, all unexercised options shall immediately terminate. The Board of Directors may, in its sole discretion, accelerate the exercisability of options so that they are exercisable in full during that period.

10.3 DISSOLUTION OF THE COMPANY. In the event of the dissolution of the Company, options shall be treated in accordance with Section 10.2-3.

10.4 RIGHTS ISSUED BY ANOTHER CORPORATION. The Board of Directors may also grant options and stock bonuses and Performance-Based Awards and issue restricted stock under the Plan with terms, conditions and provisions that vary from those specified in the Plan, provided that any such awards are granted in substitution for, or in connection with the assumption of, existing options, stock bonuses, Performance-Based Awards and restricted stock granted, awarded or issued by another corporation and assumed or otherwise agreed to be provided for by the Company pursuant to or by reason of a Transaction.

11. AMENDMENT OF THE PLAN. The Board of Directors may at any time modify or amend the Plan in any respect. Except as provided in Section 10, however, no change in an award already granted shall be made without the written consent of the holder of the award if the change would adversely affect the holder.

12. APPROVALS. The Company's obligations under the Plan are subject to the approval of state and federal authorities or agencies with jurisdiction in the matter. The Company will use its best efforts to take steps required by state or federal law or applicable regulations, including rules and regulations of the Securities and Exchange Commission and any stock exchange on which the Company's shares may then be listed, in connection with the grants under the Plan. The foregoing notwithstanding, the Company shall not be obligated to issue or deliver Common Stock under the Plan if such issuance or delivery would violate state or federal securities laws.

13. EMPLOYMENT AND SERVICE RIGHTS. Nothing in the Plan or any award pursuant to the Plan shall (i) confer upon any employee any right to be continued in the employment of an Employer or interfere in any way with the Employer's right to terminate the employee's employment at will at any time, for any reason, with or without cause, or to decrease the employee's compensation or benefits, or (ii) confer upon any person engaged by an Employer any right to be retained or employed by the Employer or to the continuation, extension, renewal or modification of any compensation, contract or arrangement with or by the Employer.

14. RIGHTS AS A SHAREHOLDER. The recipient of any award under the Plan shall have no rights as a shareholder with respect to any shares of Common Stock until the date the recipient becomes the holder of record of those shares. Except as otherwise expressly provided in the Plan, no adjustment shall be made for dividends or other rights for which the record date occurs before the date the recipient becomes the holder of record.

Adopted: July 11, 2002

July 16, 2002

The Board of Directors of Medical Discoveries, Inc.
738 Aspenwood Lane
Twin Falls, Idaho 83301

Re: Registration Statement on Form S-8 filed by Medical Discoveries, Inc.
(the "Company") with respect to 2002 Stock Incentive Plan.

Ladies and Gentlemen:

We refer you to the Company's Registration Statement on Form S-8 (the "Registration Statement") to be filed under the Securities Act of 1933, as amended, with respect to the issuance of up to 2,000,000 shares of Common Stock, no par value, of the Company (the "Shares") in connection with the 2002 Stock Incentive Plan. When authorized and issued pursuant to the Registration Statement, the Shares will be legally issued, fully paid and nonassessable.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement. In giving this consent, we do not admit that we are within the category of persons whose consent is required under Section 7 of the Securities Act of 1933, as amended, or the General Rules and Regulations of the Securities and Exchange Commission.

Very truly yours,

/s/ Stoel Rives LLP

Stoel Rives LLP

CONSENT OF INDEPENDENT ACCOUNTANTS

We consent to the incorporation by reference in this Registration Statement of Medical Discoveries, Inc. on Form S-8 of our report dated March 27, 2002, on our audits of the consolidated financial statements of Medical Discoveries, Inc. as of December 31, 2001 and for the years ended December 31, 2001 and 2000, which report is included in the Annual Report on Form 10-KSB (File No. 000-12627).

/s/ BALUKOFF LINDSTROM & CO.

Boise, Idaho
July 3, 2002