- any amendment to the articles of association
- an increase of the company's authorized share capital
- a merger; or
- approval of some of the acts and transactions which require shareholder approval.

A shareholder has the general duty to refrain from depriving rights of other shareholders. Any controlling shareholder, any shareholder who knows that it possesses the power to determine the outcome of a shareholder vote and any shareholder that, under the provisions of the articles of association, has the power to appoint an office holder in the company, is under a duty to act in fairness towards the company. The Companies Law does not describe the substance of this duty.

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Transfer of Shares

Fully paid ordinary shares are issued in registered form and may be freely transferred under our articles of association unless the transfer is restricted or prohibited by another instrument.

Modification of Class Rights

Under our articles of association, the rights attached to any class unless otherwise provided by the terms of the class including voting, rights to dividends and the like, may be varied by adoption of the necessary amendment to the articles of association, provided that the affected shareholders approve the change by a class meeting in which a simple majority of the voting power of the class represented at the meeting and voting on the matter approves the change.

Election of Directors

Our ordinary shares do not have cumulative voting rights in the election of directors. As a result, the holders of ordinary shares that represent more than 50% of the voting power represented at a shareholders meeting have the power to elect all of our directors, other than the outside directors which are appointed by a special majority of shareholders. For a summary of those provisions in our articles of association with respect to the directors, see "Item 6. Directors, Senior Management and Employees."

Anti-Takeover Provisions; Mergers and Acquisitions under Israeli Law

Mergers

The Companies Law includes provisions that allow a merger transaction and requires that each company that is party to a merger approve the transaction by its board of directors and a vote of the majority of its shares voting on the proposed merger at a shareholders' meeting called on at least 21 days' prior notice. In determining whether a majority has approved the merger, shares held by the other party to the merger or any person holding at least 25% of the other party to the merger are excluded from the vote. The Companies Law does not require court approval of a merger other than in specified situations. Upon the request of a creditor of either party to the proposed merger, the court may delay or prevent the merger if it concludes that there exists a reasonable concern that as a result of the merger, the surviving company will be unable to satisfy the obligations of any of the parties to the merger. In addition, a merger may not be completed unless at least 70 days have passed from the time that a proposal for approval of the merger has been filed with the Israeli registrar of companies.

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Tender Offers

The Companies law also provides that an acquisition of shares of a public company on the open market must be made by means of a tender offer if as a result of the acquisition the purchaser would become a 25% shareholder of the company. The rule does not apply if there is already another 25% shareholder of the company. Similarly, the Companies Law provides that an acquisition of shares in a public company must be made by means of a tender offer if, as a result of the acquisition, the purchaser would become a 45% shareholder, unless there is a 50% shareholder of the company. These rules do not apply if the acquisition is made by way of a merger as opposed to a tender offer. Regulations adopted under the Companies Law provide that these tender offer requirements do not apply to companies whose shares are listed for trading outside of Israel if, according to the law in the country in which the shares are traded, including the rules and regulations of the stock exchange on which the shares are traded, there is either a limitation on acquisition of any level of control of the company, or the acquisition of any level of control requires the purchaser to do so by means of a tender offer to the public. The Companies Law also provides that if following any acquisition of shares, the acquirer holds 90% or more of the company's shares or of a class of shares, the acquisition must be made by means of a tender offer for all the target company's shares or all the shares of the class, as applicable. An acquirer who wishes to eliminate all minority shareholders must do so by way of a tender offer to acquire 95% is not successful, the acquirer may not acquire shares tendered if by doing so the acquirer would own more than 90% of the shares of the target company.

C. Material Contracts

We consider our investment in Sapiens and the transactions with Formula Vision as material contracts. For a summary of the terms of these contracts, see "Item 4.A. Information on the Company— Capital Expenditures and Divestitures."

D. Exchange Controls

Under current Israeli regulations, we may pay dividends or other distributions in respect of our ordinary shares either in non-Israeli or Israeli currencies. If we make these payments in Israeli currency, they will be freely transferred in non-Israeli currencies at the rate of exchange prevailing at the time of conversion. We expect therefore, that dividends, if any, that we pay to holders of ADSs, will be paid in dollars, net of conversion expenses of the depositary, the Bank of New York and Israeli income taxes. Because exchange rates between the NIS and the dollar fluctuate continuously, a U.S. shareholder will be subject to the risk of currency fluctuations between the date when we declare NIS-denominated dividends and the date when we pay them in NIS. See "Item 3.D. Risk Factors."

Non-residents of Israel may freely hold and trade our ADSs or ordinary shares pursuant to the general permit issued under the Israeli Currency Control Law, 1978. Neither our articles of association nor the laws of the State of Israel restrict in any way the ownership of our ordinary shares by non-residents, except that these restrictions may exist with respect to citizens of countries which are in a state of war with Israel.

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E. Taxation

The following is general information regarding Israeli tax laws to which U.S. and other non-Israeli shareholders may be subject. It does not cover all possible tax considerations and therefore you should not rely on this information as legal or professional tax advice. You should consult your own tax advisor as to the particular tax consequences of an investment in our ordinary shares or ADSs, including the effects of applicable Israeli or foreign or other tax laws and possible changes in the tax laws.

To the extent that the discussion is based on legislation yet to be judicially or administratively interpreted, we cannot assure you that the views we express herein will accord with any such interpretation in the future.

Under current Israeli law, individual or corporate shareholders (which are not subject to the provisions of the Inflationary Adjustments Law), selling our ordinary shares are subject to a 15% tax rate on any capital gain accrued after January 1, 2003 when certain conditions are met. However, foreign residents are exempt from capital gains tax on the sale of traded securities of Israeli companies. The foregoing does not apply to companies or individuals which are subject to Chapter II of the Income Tax (Inflationary Adjustments) Law, 1985. In general, Chapter II of the Inflationary Adjustments Law applies to all Israeli companies and individuals, except for those companies which comply with all of the following: (i) they do not generate any business income; (ii) they do not apply for a deduction of financing expenses; and (iii) they are held only by individuals. Notwithstanding the foregoing, dealers in securities in Israel are taxed at regular tax rates applicable to business income. We obtained a ruling from the Israeli income tax authorities confirming that capital gains received upon sale of ADSs will be subject to the same treatment as capital gains received upon sale of our ordinary shares.

Pursuant to the convention between the Government of the United States of America and the Government of Israel with respect to taxes on income (the U.S.-Israel tax treaty), the sale, exchange or disposition of our ADSs or ordinary shares by a person who qualifies as a resident of the United States under the treaty and who is entitled to claim the benefits afforded to him by the treaty, will generally not be subject to Israeli capital gains tax. This exemption shall not apply to a person who held, directly or indirectly, shares representing 10% or more of the voting power in our company during any part of the 12-month period preceding the sale, exchange or disposition, subject to certain conditions. A sale, exchange or disposition of our shares by a U.S. resident qualified under the treaty, who held, directly or indirectly, shares representing 10% or more of the voting power in our company at any time during the preceding 12-month period would be subject to Israeli tax, to the extent applicable. However, under the treaty, this U.S. resident would be permitted to claim a credit for these taxes, if apply, against the U.S. income tax with respect to the sale, exchange or disposition, subject to the limitations in U.S. laws applicable to foreign tax credits in accordance with tax treaties.

Non-residents of Israel are subject to income tax on passive income accrued or derived from sources in Israel like dividends, royalties and interest, as well as non-passive income from services rendered in Israel. On distributions of dividends other than bonus shares (stock dividends) we should generally withhold at source income tax at a rate of 25%, unless a different rate applies under a treaty between Israel and the shareholder's country of residence. Under the U.S.-Israel tax treaty, the maximum tax on dividends paid to a holder of our ADSs or ordinary shares who is a resident of the United States will be 25% or 12.5% if certain conditions are met including, interalia, that the holder is a corporation which holds, directly or indirectly, shares representing 10% or more of the voting power in our company during the relevant period preceding the date of payment of the dividend. However, under the Law for the Encouragement of Capital Investments, 1959 (the Investments Law), dividends generated by an approved enterprise are taxed at the rate of 15%.

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United States Federal Income Tax Considerations

Subject to the limitations described herein, this discussion summarizes the material United States federal income tax consequences of the purchase, ownership and disposition of our ordinary shares or ADSs to a United States holder. A United States holder is a holder of our ordinary shares or ADSs who is:

- an individual citizen or resident of the United States;
- a corporation (or another entity taxable as a corporation for United States federal income tax purposes) created or organized under the laws of the United States or any political subdivision thereof;
- an estate, the income of which is subject to United States federal income tax regardless of its source; or
- a trust (i) if, in general, a United States court is able to exercise primary supervision over its administration and one or more United States persons have the authority to control all of its substantial decisions or (ii) that has in effect a valid election under applicable United States Treasury regulations to be treated as a United States person.

Unless otherwise specifically indicated, this discussion does not consider the United States tax consequences to a person that is not a United States holder and considers only United States holders that will own the ordinary shares or ADSs as capital assets.

This discussion is based on current provisions of the Internal Revenue Code of 1986, as amended, referred to as the Code, current and proposed Treasury regulations promulgated under the Code and administrative and judicial interpretations of the Code, all as currently in effect and all of which are subject to change, possibly with a retroactive effect. This discussion does not address all aspects of United States federal income taxation that may be relevant to any particular United States holder based on the United States holder's individual circumstances. In particular, this discussion does not address the United States federal income tax consequences to United States holders who are broker-dealers or who own, directly, indirectly or constructively, 10% or more of our outstanding voting shares, United States holders holding the ordinary shares or ADSs as part of a hedging, straddle or conversion transaction, United States holders whose functional currency is not the United States dollar, insurance companies, tax-exempt organizations, financial institutions, persons who acquired their shares upon the exercise of employees stock options or otherwise as compensation, and persons subject to the alternative minimum tax, who may be subject to special rules not discussed below. Additionally, the tax treatment of persons who are, or hold the ordinary shares or ADSs through, a partnership or other pass-through entity is not considered, nor is the possible application of United States federal estate or gift taxes or any aspect of state, local or non- United States tax laws.

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You are advised to consult your tax advisor with respect to the specific United States federal, state, local and foreign income tax consequences to you of purchasing, holding or disposing of our ordinary shares or ADSs.

Taxation on Distributions on the Ordinary Shares or ADSs

In August 2001, Formula distributed to its shareholders a dividend in kind of Formula Vision's (formerly known as Mashov Computers Ltd.) shares held by Formula, which was distributed in the form of cash to holders of our ADRs. Other than this distribution, Formula has never paid dividends, and currently does not intend to pay dividends in the future. If Formula makes distributions in the future, the amount of the distribution with respect to the ordinary shares or ADSs will equal the amount of cash and the fair market value of any property distributed and will also include the amount of any Israeli taxes withheld, as described above under "Israeli Taxation." Subject to the discussion below under "Tax Consequences if We are a Passive Foreign Investment Company," a distribution paid by us with respect to the ordinary shares or ADSs to a United States holder will be treated as dividend income to the extent that the distribution does not exceed our current and accumulated earnings and profits, as determined for United States federal income tax purposes. Dividends that are received by United States holders that are individuals, estates or trusts will be taxed at the rate applicable to long-term capital gains (a maximum rate of 15%), provided

that such dividends meet the requirements of "qualified dividend income." Dividends that fail to meet such requirements, and dividends received by corporate United States holders, are taxed at ordinary income rates. No dividend received by a United States holder will be a qualified dividend (1) if the United States holder held the ordinary share or ADS with respect to which the dividend was paid for less than 61 days during the 121-day period beginning on the date that is 60 days before the ex-dividend date with respect to such dividend, excluding for this purpose, under the rules of Code section 246(c), any period during which the United States holder has an option to sell, is under a contractual obligation to sell, has made and not closed a short sale of, is the grantor of a deep-in-the-money or otherwise nonqualified option to buy, or has otherwise diminished its risk of loss by holding other positions with respect to, such ordinary share or ADS (or substantially identical securities); or (2) to the extent that the United States holder is under an obligation (pursuant to a short sale or otherwise) to make related payments with respect to positions in property substantially similar or related to the ordinary share or ADS with respect to which the dividend is paid. If we were to be a "passive foreign investment company," a "foreign personal holding company" or a "foreign investment company" (as such terms are defined in the Code) for any year, dividends paid on our ordinary shares or ADSs in such year or in the following year would not be qualified dividends. In addition, a non-corporate United States holder will be able to take a qualified dividend into account in determining its deductible investment interest (which is generally limited to its net investment income) only if it elects to do; in such case the dividend will be taxed at ordinary income rates.

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The amount of any distribution which exceeds the amount treated as a dividend will be treated first as a non-taxable return of capital, reducing the United States holder's tax basis in its ordinary shares or ADSs to the extent thereof, and then as capital gain from the deemed disposition of the ordinary shares or ADSs. Corporate holders will not be allowed a deduction for dividends received in respect of the ordinary shares or ADSs.

Dividends paid by us in NIS will be included in the income of United States holders at the dollar amount of the dividend (including any Israeli taxes withheld therefrom), based upon the spot rate of exchange in effect on the date of the distribution. United States holders will have a tax basis in NIS for United States federal income tax purposes equal to that dollar value. Any subsequent gain or loss in respect of NIS arising from exchange rate fluctuations will generally be taxable as United States source ordinary income or loss.

Subject to the limitations set forth in the Code and the Treasury regulations thereunder, United States holders may elect to claim as a foreign tax credit against their United States federal income tax liability the Israeli income tax withheld from dividends received in respect of the ordinary shares or ADSs. The limitations on claiming a foreign tax credit include, among others, computation rules under which foreign tax credits allowable with respect to specific classes of income cannot exceed the United States federal income taxes otherwise payable with respect to each such class of income. In this regard, dividends paid by us will be foreign source "passive income" for U.S. foreign tax credit purposes or, in the case of a financial services entity, "financial services income." United States holders that do not elect to claim a foreign tax credit may instead claim a deduction for the Israeli income tax withheld if they itemize deductions. The rules relating to foreign tax credits are complex, and you should consult your tax advisor to determine whether and to what extent you would be entitled to this credit. A United States holder will be denied a foreign tax credit for Israeli income tax withheld from a dividend received on the ordinary shares or ADSs (i) if the United States holder has not held the ordinary shares or ADSs for at least 16 days of the 30-day period beginning on the date which is 15 days before the ex-dividend date with respect to such dividend or (ii) to the extent the United States holder is under an obligation to make related payments with respect to positions in substantially similar or related property. Any days during which a United States holder has substantially diminished its risk of loss on the ordinary shares or ADSs are not counted toward meeting the required 16-day holding period.

Taxation on Disposition of the Ordinary Shares or ADSs

Subject to the discussion below under "Tax Consequences if We are a Passive Foreign Investment Company," upon the sale, exchange or other disposition of our ordinary shares or ADSs, a United States holder will recognize capital gain or loss in an amount equal to the difference between the amount realized on the disposition and the United States holder's tax basis in the ordinary shares or ADSs. The gain or loss recognized on the disposition will be long-term capital gain or loss if the United States holder held the ordinary shares or ADSs for more than one year at the time of the disposition. Gain or loss recognized by a United States holder on a sale, exchange or other disposition of ordinary shares or ADSs will be treated as U.S. source income or loss for United States foreign tax credit purposes.

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A United States holder that uses the cash method of accounting calculates the dollar value of the proceeds received on the sale as of the date that the sale settles. However, a United States holder that uses the accrual method of accounting is required to calculate the value of the proceeds of the sale as of the trade date and may therefore realize foreign currency gain or loss. A United States holder may avoid realizing foreign currency gain or loss by electing to use the settlement date to determine the proceeds of sale for purposes of calculating the foreign currency gain or loss. In addition, a United States holder that receives foreign currency upon disposition of ordinary shares or ADSs and converts the foreign currency into dollars after the settlement date or trade date (whichever date the United States holder is required to use to calculate the value of the proceeds of sale) will have foreign exchange gain or loss based on any appreciation or depreciation in the value of the foreign currency against the dollar, which will generally be United States source ordinary income or loss.

Tax Consequences if We are a Passive Foreign Investment Company

We will be a passive foreign investment company, or PFIC, for a taxable year if either (1) 75% or more of our gross income in the taxable year is passive income; or (2) 50% or more of the value, determined on the basis of a quarterly average, of our assets in the taxable year produce, or are held for the production of, passive income. If we own (directly or indirectly) at least 25% by value of the stock of another corporation, we will be treated for purposes of the foregoing tests as owning our proportionate share of the other corporation's assets and as directly earning our proportionate share of the other corporation's income. If we are a PFIC, a United States holder must determine under which of three alternative taxing regimes it wishes to be taxed:

The "QEF" regime applies if the United States holder elects to treat us as a "qualified electing fund" ("QEF") for the first taxable year in which the United States holder owns our ordinary shares or ADSs or in which we are a PFIC, whichever is later, and if we comply with certain reporting requirements. If the QEF regime applies, then each year that we are a PFIC such United States holder will include in its gross income a proportionate share of the our ordinary earnings (which is taxed as ordinary income) and net capital gain (which is taxed as long-term capital gain), subject to a separate election to defer payment of taxes, which deferral is subject to an interest charge. These amounts would be included in income by an electing United States holder for its taxable year in which our taxable year ends, whether or not such amounts are actually distributed to the United States holder. A United States holder's basis in our ordinary shares or ADSs for which a QEF election has been made would be increased to reflect the amount of any taxed but undistributed income. Generally, a QEF election allows an electing United States holder to treat any gain realized on the disposition of his ordinary shares or ADSs as capital gain.

Once made, the QEF election applies to all subsequent taxable years of the United States holder in which it holds our ordinary shares or ADSs and for which we are a PFIC, and can be revoked only with the consent of the Internal Revenue Service. The QEF election is made by attaching a completed Internal Revenue Service Form 8621, including the PFIC annual information statement, to a timely filed United States federal income tax return. Even if a QEF election is not made, a U.S. person who is a shareholder in a PFIC must file a completed Internal Revenue Service Form 8621 every year.

If a QEF election is made after the first taxable year in which a United States holder holds our ordinary shares or ADSs and we are a PFIC, then special rules would apply.

• A second regime, the "mark-to-market" regime, may be elected so long as our ordinary shares or ADSs are publicly traded. Pursuant to this regime, an electing United States holder's ordinary shares or ADSs are marked-to-market each year and the United States holder recognizes as ordinary income or loss an amount equal to the difference as of the close of the taxable year between the fair market value of our ordinary shares or ADSs and the United States holder's adjusted tax basis therein. Losses are allowed only to the extent of net mark-to-market gain previously included by the United States holder under the election for prior taxable years. An electing United States holder's adjusted basis in our ordinary shares or ADSs is increased by income recognized under the mark-to-market election and decreased by the deductions allowed under the election.

Under the mark-to-market election, gain on the sale of our ordinary shares or ADSs is treated as ordinary income, and loss on the sale of our ordinary shares or ADSs, to the extent the amount of loss does not exceed the net mark-to-market gain previously included, is treated as ordinary loss. The mark-to-market election applies to the tax year for which the election is made and all later tax years, unless the ordinary shares or ADSs cease to be marketable or the Internal Revenue Service consents to the revocation of the election.

If the mark-to-market election is made after the first taxable year in which a United States holder holds our ordinary shares or ADSs and we are a PFIC, then special rules would apply.

• A United States holder making neither the QEF election nor the mark-to-market election is subject to the "excess distribution" regime. Under this regime, "excess distributions" are subject to special tax rules. An excess distribution is either (1) a distribution with respect to ordinary shares or ADSs that is greater than 125% of the average distributions received by the United States holder from us over the shorter of either the preceding three years or such United States holder's holding period for our ordinary shares or ADSs, or (2) 100% of the gain from the disposition of our ordinary shares or ADSs (including gain deemed recognized if the ordinary shares or ADSs are used as security for a loan).

Excess distributions must be allocated ratably to each day that a United States holder has held our ordinary shares or ADSs. A United States holder must include amounts allocated to the current taxable year and to any period prior to the first day of the first taxable year for which we are a PFIC in its gross income as ordinary income for the current taxable year. All amounts allocated to other years of the United States holder would be taxed at the highest tax rate for each such prior year applicable to ordinary income. The United States holder also would be liable for interest on the deferred tax liability for each such other year calculated as if such liability had been due with respect to each such other year. A United States holder that is an individual is not allowed a deduction for interest on the deferred tax liability. The portions of distributions that are not characterized as "excess distributions" are subject to tax in the current year under the normal tax rules of the Code.

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A United States person who inherits shares or ADSs in a foreign corporation that was a PFIC in the hands of the decedent (who was not a non resident alien and did not make either of the elections described above), is denied the otherwise available step-up in the tax basis of such shares or ADSs to fair market value at the date of death. The U.S. person steps into the shoes of the decedent and will be subject to the rules described above.

We believe that in 2003 we were not a PFIC and currently we expect that we will not be a PFIC in 2004. However, PFIC status is determined as of the end of the taxable year and is dependent on a number of factors, including the value of our assets and the amount and type of our gross income. Therefore, there can be no assurance that we will not become a PFIC for the current fiscal year ending December 31, 2004 or in a future year. We will notify United States holders in the event we conclude that we will be treated as a PFIC for any taxable year to enable United States holders to consider whether or not to elect to treat us as a QEF for United States federal income tax purposes or to "mark to market" the ordinary shares or ADSs or to become subject to the "excess distribution" regime.

United States holders are urged to consult their tax advisors regarding the application of the PFIC rules, including eligibility for and the manner and advisability of making, the QEF election or the mark-to-market election.

Information Reporting and Backup Withholding

A United States holder generally is subject to information reporting and may be subject to backup withholding at rate of up to 28% with respect to dividend payments and receipt of the proceeds from the disposition of the ordinary shares or ADSs. Backup withholding will not apply with respect to payments made to exempt recipients, including corporations and tax-exempt organizations, or if a United States holder provides a correct taxpayer identification number (or certifies that he has applied for a taxpayer identification number), certifies that such holder is not subject to backup withholding or otherwise establishes an exemption. Backup withholding is not an additional tax and may be claimed as a credit against the United States federal income tax liability of a United States holder, or alternatively, the United States holder may be eligible for a refund of any excess amounts withheld under the backup withholding rules, in either case, provided that the required information is furnished to the Internal Revenue Service.

Non-United States holders of Ordinary Shares or ADSs

Except as provided below, a non-United States holder of ordinary shares or ADSs (except certain former United States citizens and long-term residents of the United States) will not be subject to United States federal income or withholding tax on the receipt of dividends on, and the proceeds from the disposition of, an ordinary share or ADS, unless that item is effectively connected with the conduct by the non-United States holder of a trade or business in the United States and, in the case of a resident of a country which has an income tax treaty with the United States, that item is attributable to a permanent establishment in the United States or, in the case of an individual, a fixed place of business in the United States. In addition, gain recognized by an individual non-United States holder will be subject to tax in the United States if the non-United States holder is present in the United States for 183 days or more in the taxable year of the sale and other conditions are met.

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Non-United States holders will not be subject to information reporting or backup withholding with respect to the payment of dividends on ordinary shares or ADSs unless the payment is made through a paying agent, or an office of a paying agent, in the United States. Non-United States holders will be subject to information reporting and backup withholding at a rate of up to 28% with respect to the payment within the United States of dividends on the ordinary shares or ADSs unless the holder provides its taxpayer identification number, certifies to its foreign status, or otherwise establishes an exemption.

Non-United States holders will be subject to information reporting and backup withholding at a rate of up to 28% on the receipt of the proceeds from the disposition of the ordinary shares or ADSs to, or through, the United States office of a broker, whether domestic or foreign, unless the holder provides a taxpayer identification number, certifies to its foreign status or otherwise establishes an exemption. Non-United States holders will not be subject to information reporting or backup withholding with respect to the receipt of proceeds from the disposition of the ordinary shares or ADSs by a foreign office of a broker; provided, however, that if the broker is a U.S. person or a "U.S. related person," information reporting (but not backup withholding) will apply unless the broker has documentary evidence in its records of the non-United States holder's foreign status or the non-United States holder certifies to its foreign status under penalties of perjury or otherwise establishes an exemption.