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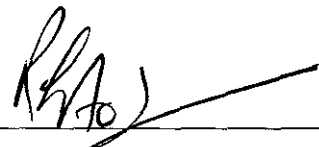
The Companies Act 1985

Private Company Limited by Shares

Written Resolution of TTV IV G.P. LIMITED

The following resolution was passed as a written resolution of the Company in accordance with Section 381A of the Companies Act 1985 (as amended) on 9 March 2001.

THAT the Memorandum of Association of the Company with respect to its objects be altered by deleting sub-clause 3.1 thereof and by substituting therefor sub-clause 3.1 contained in the print of the Memorandum of Association which, for the purpose of identification, is signed on behalf of the Subscriber to the Memorandum of Association of the Company.


For and on behalf of
Hackwood Secretaries Limited
Secretary

Hackwood Secretaries Limited (HILS)
One Silk Street
London EC2Y 8HQ
Tel:- 0171 456 2000



The Companies Act 1985

Company Limited by Shares

Memorandum of Association

of

TTV IV G.P. LIMITED¹

-
- 1 The Company's name is "TTV IV G.P. LIMITED".
 - 2 The Company's registered office is to be situate in England and Wales.
 - 3 The Company's objects are:-
 - 3.1²
 - 3.1.1 To transact and carry on all kinds of financial, commercial and other operations and to act as managers of investments and investment business and as agents for the investment, loan, payment, transmission and collection of money, for the transfer of shares, stocks, debentures, bonds, notes, obligations and securities and for the purchase, sale, improvement, development and management of property, and to promote, establish, manage and carry on any business, trade, fund, syndicate, partnership (whether as general partner or otherwise), company, group of companies, unit trust, mutual fund or other scheme of whatsoever nature for any purpose and wheresoever situated.
 - 3.1.2 To carry on business and to act as financiers, capitalists, concessionaries, brokers, agents, consultants, advisers, managers, directors, registrars and secretaries, and to supply to any person, firm or corporation, government or local or other authority, the services of personnel of every grade, and in particular to advise upon, direct or manage the accounting, budgetary and other control, costing, business methods and systems, efficiency, policy, organisation, re-organisation, reconstruction, development, expansion, administration, management, supervision, personnel, purchasing, stores, production and sales of any company, firm, person or organisation and the business, enterprises, operations, projects or undertakings thereof.
 - 3.1.3 To carry on business as an investment company and to acquire, invest in and hold by way of investment or otherwise, shares, stocks, debentures, debenture stock, units of or participations in any unit trust scheme, mutual fund or collective investment scheme in any part of the world, bonds, obligations, mortgages, certificates of deposit and securities of all kinds created, issued or guaranteed by an individual person or by any company, association or partnership, whether with limited or unlimited liability, constituted or carrying on business in any part of the world or by any government, sovereign, rule, commissioners, public body or authority, supreme, municipal, local or otherwise, in any part of the world and any rights and interests in any of the foregoing

¹ Name changed from Hackremco (No. 1784) by Certificate of Incorporation on Change of Name dated 16 February 2001.

² Altered by Written Resolution passed on 9 March 2001.

and from time to time to sell, exchange, vary or dispose of any of the foregoing; and to acquire any such shares, stocks, debentures, debenture stock, units, participations, bonds, obligations, mortgages, certificates of deposit, securities, rights or interests original subscription, tender, purchase, exchange or otherwise and to subscribe for the same either conditionally or otherwise, to enter into underwriting and similar contracts with respect thereto and to exercise and enforce all rights and powers conferred by or incidental to the ownership thereof.

- 3.1.4 To acquire, deal in and hold on deposit or otherwise on behalf of any person, partnership, society, body of persons or corporation any real or personal property or any interests therein or any shares, stocks, debentures, debenture stocks, bonds, obligations and securities and to issue and deal in certificates or instruments evidencing the title of any person, partnership, society, body of persons or corporations or the bearers of any such certificate to a share or interest in any real or personal property or any shares, stocks, debentures, debenture stocks, bonds, loans, obligations or securities or in the proceeds of sale or the income of any such real or personal property or any interest therein or any shares, stocks, debentures, debenture stocks, bonds, loans, obligations or securities or in any other monies.
- 3.1.5 To acquire and hold either for itself or as agent or nominee of any person, firm, company or corporation and generally to sell, exchange or otherwise dispose, manage, develop, deal with and turn to account land of any tenure, buildings, houses and other real and personal property of all kinds whatsoever and wheresoever situate and any estate or interest therein including freehold or leasehold ground rents, reversions, and mortgages, charges and annuities and also shares, stocks, debenture stocks, securities, policies of assurance, book debts, claims, choses in action, land, buildings, business concerns and undertakings, mortgages, charges, annuities, patents and licences and any claims against any real and personal property or against any person or company.
- 3.2 To carry on any other business or activity of any nature whatsoever which may seem to the Directors to be capable of being conveniently or advantageously carried on in connection or conjunction with any business of the Company hereinbefore or hereinafter authorised or to be expedient with a view directly or indirectly to enhancing the value of or to rendering profitable or more profitable any of the Company's assets or utilising its skills, know-how or expertise.
- 3.3 To subscribe, underwrite, purchase, or otherwise acquire, and to hold, dispose of, and deal with, any shares or other securities or investments of any nature whatsoever, and any options or rights in respect thereof or interests therein, and to buy and sell foreign exchange.
- 3.4 To draw, make, accept, endorse, discount, negotiate, execute, and issue, and to buy, sell and deal with bills of exchange, promissory notes, and other negotiable or transferable instruments or securities.
- 3.5 To purchase, or otherwise acquire for any estate or interest any property (real or personal) or assets or any concessions, licences, grants, patents, trade marks, copyrights or other exclusive or non-exclusive rights of any kind and to hold, develop and turn to account and deal with the same in such manner as may be thought fit and to make experiments and tests and to carry on all kinds of research work.
- 3.6 To build, construct, alter, remove, replace, equip, execute, carry out, improve, work, develop, administer, maintain, manage or control buildings, structures or facilities of all kinds, whether for the purposes of the Company or for sale, letting or hire to or in return for any consideration from

any company, firm or person, and to contribute to or assist in or carry out any part of any such operation.

- 3.7 To amalgamate or enter into partnership or any joint venture or profit/loss-sharing arrangement or other association with any company, firm, person or body.
- 3.8 To purchase or otherwise acquire and undertake all or any part of the business, property and liabilities of any company, firm, person or body carrying on any business which the Company is authorised to carry on or possessed of any property suitable for the purposes of the Company.
- 3.9 To promote, or join in the promotion of, any company, whether or not having objects similar to those of the Company.
- 3.10 To borrow and raise money and to secure or discharge any debt or obligation of or binding on the Company in such manner as may be thought fit and in particular by mortgages and charges upon all or any part of the undertaking, property and assets (present and future) and the uncalled capital of the Company, or by the creation and issue of debentures, debenture stock or other securities of any description.
- 3.11 To advance, lend or deposit money or give credit to or with any company, firm or person on such terms as may be thought fit and with or without security.
- 3.12 To guarantee or give indemnities or provide security, whether by personal covenant or by mortgage or charge upon all or any part of the undertaking, property and assets (present and future) and the uncalled capital of the Company, or by all or any such methods, for the performance of any contracts or obligations, and the payment of capital or principal (together with any premium) and dividends or interest on any shares, debentures or other securities, of any person, firm or company including (without limiting the generality of the foregoing) any company which is for the time being a holding company of the Company or another subsidiary of any such holding company or is associated with the Company in business.
- 3.13 To issue any securities which the Company has power to issue for any other purpose by way of security or indemnity or in satisfaction of any liability undertaken or agreed to be undertaken by the Company.
- 3.14 To sell, lease, grant licences, easements and other rights over, and in any other manner deal with or dispose of, the undertaking, property, assets, rights and effects of the Company or any part thereof for such consideration as may be thought fit, and in particular for shares or other securities, whether fully or partly paid up.
- 3.15 To procure the registration, recognition or incorporation of the Company in or under the laws of any territory outside England.
- 3.16 To subscribe or guarantee money for any national, charitable, benevolent, public, general or useful object or for any purpose which may be considered likely directly or indirectly to further the interests of the Company or of its members.
- 3.17 To establish and maintain or contribute to any pension or superannuation funds for the benefit of, and to give or procure the giving of donations, gratuities, pensions, allowances or emoluments to, any individuals who are or were at any time in the employment or service of the Company or of any company which is its holding company or is a subsidiary of the Company or any such holding company or otherwise is allied to or associated with the Company or any of the predecessors of the Company or any other such company as aforesaid, or who are or were at any time directors or officers of the Company or of any such other company, and the wives, widows, families and dependants of any such individuals; to establish and subsidise or

subscribe to any institutions, associations, clubs or funds which may be considered likely to benefit any such persons or to further the interests of the Company or of any such other company; and to make payments for or towards the insurance of any such persons.

- 3.18** To establish and maintain, and to contribute to, any scheme for encouraging or facilitating the holding of shares or debentures in the Company by or for the benefit of its employees or former employees, or those of its subsidiary or holding company or subsidiary of its holding company, or by or for the benefit of such other persons as may for the time being be permitted by law, or any scheme for sharing profits with its employees or those of its subsidiary and/or associated companies, and (so far as for the time being permitted by law) to lend money to employees of the Company or of any company which is its holding company or is a subsidiary of the Company or any such holding company or otherwise is allied to or associated with the Company with a view to enabling them to acquire shares in the Company or its holding company.
- 3.19** (i) To purchase and maintain insurance for or for the benefit of any persons who are or were at any time directors, officers or employees or auditors of the Company, or of any other company which is its holding company or in which the Company or such holding company or any of the predecessors of the Company or of such holding company has any interest whether direct or indirect or which is in any way allied to or associated with the Company, or of any subsidiary undertaking of the Company or of any such other company, or who are or were at any time trustees of any pension fund in which any employees of the Company or of any such other company or subsidiary undertaking are interested, including (without prejudice to the generality of the foregoing) insurance against any liability incurred by such persons in respect of any act or omission in the actual or purported execution and/or discharge of their duties and/or in the exercise or purported exercise of their powers and/or otherwise in relation to the Company or any such other company, subsidiary undertaking or pension fund and (ii) to such extent as may be permitted by law otherwise to indemnify or to exempt any such person against or from any such liability; for the purposes of this clause "holding company" and "subsidiary undertaking" shall have the same meanings as in the Companies Act 1985 as amended by the Companies Act 1989.
- 3.20** To distribute among members of the Company in specie or otherwise, by way of dividend or bonus or by way of reduction of capital, all or any of the property or assets of the Company, or any proceeds of sale or other disposal of any property or assets of the Company, with and subject to any incident authorised, and consent required, by law.
- 3.21** To do all or any of the things and matters aforesaid in any part of the world, and either as principals, agents, contractors, trustees or otherwise, and by or through trustees, agents, subsidiary companies or otherwise, and either alone or in conjunction with others.
- 3.22** To do all such other things as may be considered to be incidental or conducive to any of the above objects.

And it is hereby declared that the objects of the Company as specified in each of the foregoing paragraphs of this Clause (except only if and so far as otherwise expressly provided in any paragraph) shall be separate and distinct objects of the Company and shall not be in any way limited by reference to any other paragraph or the order in which the same occur or the name of the Company.

- 4** The liability of the members is limited.
- 5** The share capital of the Company is £100 divided into 100 shares of £1 each.

We, the Subscriber to this Memorandum of Association wish to be formed into a Company pursuant to this Memorandum; and we agree to take the share shown opposite our name.

Name and Address of Subscriber	Number of Shares taken
Hackwood Secretaries Limited One Silk Street London EC2Y 8HQ	One
M A Jackson	
For and on behalf of Hackwood Secretaries Limited	
Total Shares taken:	One

Dated: 17 January 2001

Witness to the above Signature:

C E Doe

One Silk Street
London EC2Y 8HQ.

Secretary

The Companies Act 1985

Company Limited by Shares

Articles of Association

of

TTV IV G.P. LIMITED

PRELIMINARY

- 1 The regulations contained in Table A in The Companies (Tables A to F) Regulations 1985 (as amended so as to affect companies first registered on the date of incorporation of the Company) shall, except as hereinafter provided and so far as not inconsistent with the provisions of these Articles, apply to the Company to the exclusion of all other regulations or Articles of Association. References herein to regulations are to regulations in the said Table A unless otherwise stated.

SHARE CAPITAL

- 2 The share capital of the Company at the date of incorporation is £100 divided into 100 Ordinary Shares of £1 each.
- 3
 - 3.1 Subject to Section 80 of the Act, all unissued shares shall be at the disposal of the Directors and they may allot, grant options over or otherwise dispose of them to such persons, at such times, and on such terms as they think proper.
 - 3.2
 - 3.2.1 Pursuant to and in accordance with Section 80 of the Act the Directors shall be generally and unconditionally authorised to exercise during the period of five years from the date of incorporation of the Company all the powers of the Company to allot relevant securities up to an aggregate nominal amount of £100;
 - 3.2.2 by such authority the Directors may make offers or agreements which would or might require the allotment of relevant securities after the expiry of such period.
 - 3.3 Section 89(1) of the Act shall not apply to the allotment by the Company of equity securities.
 - 3.4 Words and expressions defined in or for the purposes of the said Section 80 or the said Section 89 shall bear the same meanings in this Article.

PROCEEDINGS AT GENERAL MEETINGS

- 4 In the case of a corporation a resolution in writing may be signed on its behalf by a Director or the Secretary thereof or by its duly appointed attorney or duly authorised representative. Regulation 53 shall be extended accordingly. Regulation 53 (as so extended) shall apply *mutatis mutandis* to resolutions in writing of any class of members of the Company.

VOTES OF MEMBERS

- 5 An instrument appointing a proxy (and, where it is signed on behalf of the appointor by an attorney, the letter or power of attorney or a duly certified copy thereof) must either be delivered at such place or one of such places (if any) as may be specified for that purpose in or by way of note to the notice convening the meeting (or, if no place is so specified, at the registered office) before the time appointed for holding the meeting or adjourned meeting or (in the case of a poll taken otherwise than at or on the same day as the meeting or adjourned meeting) for the taking of the poll at which it is to be used or be delivered to the Secretary (or the chairman of the meeting) on the day and at the place of, but in any event before the time appointed for holding, the meeting or adjourned meeting or poll. The instrument may be in the form of a facsimile or other machine made copy and shall, unless the contrary is stated thereon, be valid as well for any adjournment of the meeting as for the meeting to which it relates. An instrument of proxy relating to more than one meeting (including any adjournment thereof) having once been so delivered for the purposes of any meeting shall not require again to be delivered for the purposes of any subsequent meeting to which it relates. Regulation 62 shall not apply.
- 6 At a general meeting, but subject to any rights or restrictions attached to any shares, on a show of hands every member present in person or by proxy (or being a corporation present by a duly authorised representative) shall have one vote, and on a poll every member who is present in person or by proxy shall have one vote for every share of which he is the holder. Regulation 54 shall not apply.

NUMBER OF DIRECTORS

- 7 The Directors shall not be less than one in number. Regulation 64 shall be modified accordingly. Whenever the minimum number of Directors shall be one, a sole Director shall form a quorum, and Regulation 89 shall be modified accordingly.

ALTERNATE DIRECTORS

8

- 8.1 Any Director (other than an alternate Director) may by notice in writing to the Company appoint any other Director, or any other person who is willing to act, to be an alternate Director and remove from office an alternate Director so appointed by him. Regulation 65 of Table A shall not apply.
- 8.2 An alternate Director shall be entitled to receive notices of meetings of the Directors and of any committee of the Directors of which his appointor is a member and shall be entitled to attend and vote as a Director and be counted in the quorum at any such meeting at which his appointor is not personally present and generally at such meeting to perform all functions of his appointor as a Director and for the purposes of the proceedings at such meeting the provisions of these Articles shall apply as if he were a Director. If he shall be himself a Director or shall attend any such meeting as an alternate for more than one Director, his voting rights shall be cumulative but he shall not be counted more than once for the purposes of the quorum. If his appointor is for the time being absent from the United Kingdom or temporarily unable to act through ill health or disability his signature to any resolution in writing of the Directors shall be as effective as the signature of his appointor. An alternate Director shall not (save as aforesaid) have power to act as a Director, nor shall he be deemed to be a Director for the purposes of

these Articles, nor shall he be deemed to be the agent of his appointor. Regulations 66 and 69 shall not apply.

- 8.3 An alternate Director shall be entitled to contract and be interested in and benefit from contracts or arrangements or transactions and to be repaid expenses and to be indemnified to the same extent *mutatis mutandis* as if he were a Director but he shall not be entitled to receive from the Company in respect of his appointment as alternate Director any remuneration except only such part (if any) of the remuneration otherwise payable to his appointor as such appointor may by notice in writing to the Company from time to time direct.

DELEGATION OF DIRECTORS' POWERS

- 9 In addition to the powers to delegate contained in Regulation 72, the Directors may delegate any of their powers or discretions (including without prejudice to the generality of the foregoing all powers and discretions whose exercise involves or may involve the payment of remuneration to or the conferring of any other benefit on all or any of the Directors) to committees consisting of one or more Directors and (if thought fit) one or more other named person or persons to be co-opted as hereinafter provided. Insofar as any such power or discretion is delegated to a committee, any reference in these Articles to the exercise by the Directors of the power or discretion so delegated shall be read and construed as if it were a reference to the exercise thereof by such committee. Any committee so formed shall in the exercise of the powers so delegated conform to any regulations which may from time to time be imposed by the Directors. Any such regulations may provide for or authorise the co-option to the committee of persons other than Directors and may provide for members who are not Directors to have voting rights as members of the committee but so that (a) the number of members who are not Directors shall be less than one-half of the total number of members of the committee and (b) no resolution of the committee shall be effective unless passed by a majority including at least one member of the committee who is a Director. Regulation 72 shall be modified accordingly.

APPOINTMENT AND RETIREMENT OF DIRECTORS

- 10 The Directors shall not be subject to retirement by rotation. Regulations 73 to 75 and the second and third sentences of Regulation 79 shall not apply, and other references in the said Table A to retirement by rotation shall be disregarded.

DISQUALIFICATION AND REMOVAL OF DIRECTORS

11

- 11.1 The office of a Director shall be vacated in any of the events specified in Regulation 81 and also if he shall in writing offer to resign and the Directors shall resolve to accept such offer or if he shall be removed from office by notice in writing signed by all his co-Directors (being at least two in number) but so that if he holds an appointment to an executive office which thereby automatically determines such removal shall be deemed an act of the Company and shall have effect without prejudice to any claim for damages for breach of any contract of service between him and the Company.
- 11.2 Any provision of the Act which, subject to the provisions of the articles, would have the effect of rendering any person ineligible for appointment or election as a Director or liable to vacate office as a Director on account of his having reached any specified age or of requiring special notice or any other special formality in connection with the appointment or election of any Director over a specified age, shall not apply to the Company.

REMUNERATION OF DIRECTORS

- 12 Any Director who serves on any committee, or who otherwise performs services which in the opinion of the Directors are outside the scope of the ordinary duties of a Director, may be paid such extra remuneration by way of salary, commission or otherwise or may receive such other benefits as the Directors may determine. Regulation 82 shall be extended accordingly.

PROCEEDINGS OF DIRECTORS

- 13 The Directors, and any committee of the Directors, shall be deemed to meet together if, being in separate locations, they are nonetheless linked by conference telephone or other communication equipment which allows those participating to hear and speak to each other, and a quorum in that event shall be two persons so linked. Such a meeting shall be deemed to take place where the largest group of those participating is assembled or, if there is no such group, where the chairman of the meeting then is.
- 14 On any matter in which a Director is in any way interested he may nevertheless vote and be taken into account for the purposes of a quorum and (save as otherwise agreed) may retain for his own absolute use and benefit all profits and advantages directly or indirectly accruing to him thereunder or in consequence thereof. Regulations 94 to 98 shall not apply.
- 15 Directors who are absent from the United Kingdom shall be entitled to the same notice of all meetings of the Directors as Directors not so absent and the third sentence of Regulation 88 shall not apply. If a Director who is absent from the United Kingdom does not advise the Company in writing of his overseas address, notice to his usual address in the United Kingdom shall be deemed sufficient notice for the purposes of this Article.

NOTICES

- 16 A member whose registered address is not within the United Kingdom shall be entitled to have notices sent to him as if he were a member with a registered address within the United Kingdom and the last sentence of Regulation 112 shall not apply.

INDEMNITY

17

- 17.1 Subject to the provisions of and so far as may be consistent with the Act and all other laws and regulations applying to the Company, every Director, Secretary or other officer of the Company shall be indemnified by the Company out of its own funds against and/or exempted by the Company from all costs, charges, losses, expenses and liabilities incurred by him in the actual or purported execution and/or discharge of his duties and/or the exercise or purported exercise of his powers and/or otherwise in relation to or in connection with his duties, powers or office including (without prejudice to the generality of the foregoing) any liability incurred by him in defending any proceedings, civil or criminal, which relate to anything done or omitted or alleged to have been done or omitted by him as an officer or employee of the Company and in which judgment is given in his favour (or the proceedings are otherwise disposed of without any finding or admission of any material breach of duty on his part) or in which he is acquitted or in connection with any application under any statute for relief from liability in respect of any such act or omission in which relief is granted to him by the Court.
- 17.2 Without prejudice to paragraph 17.1 of this Article the Directors shall have power to purchase and maintain insurance for or for the benefit of any persons who are or were at any time

Directors, officers or employees of any Relevant Company (as defined in paragraph 17.3 of this Article) or who are or were at any time trustees of any pension fund or employees' share scheme in which employees of any Relevant Company are interested, including (without prejudice to the generality of the foregoing) insurance against any liability incurred by such persons in respect of any act or omission in the actual or purported execution and/or discharge of their duties and/or in the exercise or purported exercise of their powers and/or otherwise in relation to their duties, powers or offices in relation to any Relevant Company, or any such pension fund or employees' share scheme.

- 17.3** For the purpose of paragraph 17.2 of this Article "**Relevant Company**" shall mean the Company, any holding company of the Company or any other body, whether or not incorporated, in which the Company or such holding company or any of the predecessors of the Company or of such holding company has or had any interest whether direct or indirect or which is in any way allied to or associated with the Company, or any subsidiary undertaking of the Company or of such other body.

OVERRIDING PROVISIONS

- 18** Any member holding, or any members together holding, shares carrying not less than 90 per cent of the votes which may for the time being be cast at a general meeting of the Company may at any time and from time to time:-
- 18.1** appoint any person to be a Director (whether to fill a vacancy or as an additional Director);
 - 18.2** remove from office any Director howsoever appointed but so that if he holds an appointment to an executive office which thereby automatically determines such removal shall be deemed an act of the Company and shall have effect without prejudice to any claim for damages for breach of any contract of service between him and the Company;
 - 18.3** by notice to the Company require that no unissued shares shall be issued or agreed to be issued or put under option without the consent of such member or members;
 - 18.4** restrict any or all powers of the Directors in such respects and to such extent as such member or members may by notice to the Company from time to time prescribe.

Any such appointment, removal, consent or notice shall be in writing served on the Company and signed by the member or members. No person dealing with the Company shall be concerned to see or enquire as to whether the powers of the Directors have been in any way restricted hereunder or as to whether any requisite consent of such member or members has been obtained and no obligation incurred or security given or transaction effected by the Company to or with any third party shall be invalid or ineffectual unless the third party had at the time express notice that the incurring of such obligation or the giving of such security or the effecting of such transaction was in excess of the powers of the Directors.

To the extent of any inconsistency this Article shall have overriding effects as against all other provisions of these Articles.

Name and Address of Subscriber

Hackwood Secretaries Limited
One Silk Street
London EC2Y 8HQ

M A Jackson

For and on behalf of
Hackwood Secretaries Limited

Dated: 17 January 2001

Witness to the above Signature:

C E Doe
One Silk Street
London EC2Y 8HQ.
Secretary

S18 COPY

The Companies Act 1985
Company Limited by Shares

Memorandum of Association
of
TTV IV G.P. LIMITED¹

-
- 1 The Company's name is "TTV IV G.P. LIMITED".
 - 2 The Company's registered office is to be situate in England and Wales.
 - 3 The Company's objects are:-
 - 3.1²
 - 3.1.1 To transact and carry on all kinds of financial, commercial and other operations and to act as managers of investments and investment business and as agents for the investment, loan, payment, transmission and collection of money, for the transfer of shares, stocks, debentures, bonds, notes, obligations and securities and for the purchase, sale, improvement, development and management of property, and to promote, establish, manage and carry on any business, trade, fund, syndicate, partnership (whether as general partner or otherwise), company, group of companies, unit trust, mutual fund or other scheme of whatsoever nature for any purpose and wheresoever situated.
 - 3.1.2 To carry on business and to act as financiers, capitalists, concessionaries, brokers, agents, consultants, advisers, managers, directors, registrars and secretaries, and to supply to any person, firm or corporation, government or local or other authority, the services of personnel of every grade, and in particular to advise upon, direct or manage the accounting, budgetary and other control, costing, business methods and systems, efficiency, policy, organisation, re-organisation, reconstruction, development, expansion, administration, management, supervision, personnel, purchasing, stores, production and sales of any company, firm, person or organisation and the business, enterprises, operations, projects or undertakings thereof.
 - 3.1.3 To carry on business as an investment company and to acquire, invest in and hold by way of investment or otherwise, shares, stocks, debentures, debenture stock, units of or participations in any unit trust scheme, mutual fund or collective investment scheme in any part of the world, bonds, obligations, mortgages, certificates of deposit and securities of all kinds created, issued or guaranteed by an individual person or by any company, association or partnership, whether with limited or unlimited liability, constituted or carrying on business in any part of the world or by any government, sovereign, rule, commissioners, public body or authority, supreme, municipal, local or otherwise, in any part of the world and any rights and interests in any of the foregoing

¹ Name changed from Hackremco (No. 1784) by Certificate of Incorporation on Change of Name dated 16 February 2001.

² Altered by Written Resolution passed on 9 March 2001.

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and from time to time to sell, exchange, vary or dispose of any of the foregoing; and to acquire any such shares, stocks, debentures, debenture stock, units, participations, bonds, obligations, mortgages, certificates of deposit, securities, rights or interests original subscription, tender, purchase, exchange or otherwise and to subscribe for the same either conditionally or otherwise, to enter into underwriting and similar contracts with respect thereto and to exercise and enforce all rights and powers conferred by or incidental to the ownership thereof.

- 3.1.4 To acquire, deal in and hold on deposit or otherwise on behalf of any person, partnership, society, body of persons or corporation any real or personal property or any interests therein or any shares, stocks, debentures, debenture stocks, bonds, obligations and securities and to issue and deal in certificates or instruments evidencing the title of any person, partnership, society, body of persons or corporations or the bearers of any such certificate to a share or interest in any real or personal property or any shares, stocks, debentures, debenture stocks, bonds, loans, obligations or securities or in the proceeds of sale or the income of any such real or personal property or any interest therein or any shares, stocks, debentures, debenture stocks, bonds, loans, obligations or securities or in any other monies.
- 3.1.5 To acquire and hold either for itself or as agent or nominee of any person, firm, company or corporation and generally to sell, exchange or otherwise dispose, manage, develop, deal with and turn to account land of any tenure, buildings, houses and other real and personal property of all kinds whatsoever and wheresoever situate and any estate or interest therein including freehold or leasehold ground rents, reversions, and mortgages, charges and annuities and also shares, stocks, debenture stocks, securities, policies of assurance, book debts, claims, choses in action, land, buildings, business concerns and undertakings, mortgages, charges, annuities, patents and licences and any claims against any real and personal property or against any person or company.
- 3.2 To carry on any other business or activity of any nature whatsoever which may seem to the Directors to be capable of being conveniently or advantageously carried on in connection or conjunction with any business of the Company hereinbefore or hereinafter authorised or to be expedient with a view directly or indirectly to enhancing the value of or to rendering profitable or more profitable any of the Company's assets or utilising its skills, know-how or expertise.
- 3.3 To subscribe, underwrite, purchase, or otherwise acquire, and to hold, dispose of, and deal with, any shares or other securities or investments of any nature whatsoever, and any options or rights in respect thereof or interests therein, and to buy and sell foreign exchange.
- 3.4 To draw, make, accept, endorse, discount, negotiate, execute, and issue, and to buy, sell and deal with bills of exchange, promissory notes, and other negotiable or transferable instruments or securities.
- 3.5 To purchase, or otherwise acquire for any estate or interest any property (real or personal) or assets or any concessions, licences, grants, patents, trade marks, copyrights or other exclusive or non-exclusive rights of any kind and to hold, develop and turn to account and deal with the same in such manner as may be thought fit and to make experiments and tests and to carry on all kinds of research work.
- 3.6 To build, construct, alter, remove, replace, equip, execute, carry out, improve, work, develop, administer, maintain, manage or control buildings, structures or facilities of all kinds, whether for the purposes of the Company or for sale, letting or hire to or in return for any consideration from

any company, firm or person, and to contribute to or assist in or carry out any part of any such operation.

- 3.7 To amalgamate or enter into partnership or any joint venture or profit/loss-sharing arrangement or other association with any company, firm, person or body.
- 3.8 To purchase or otherwise acquire and undertake all or any part of the business, property and liabilities of any company, firm, person or body carrying on any business which the Company is authorised to carry on or possessed of any property suitable for the purposes of the Company.
- 3.9 To promote, or join in the promotion of, any company, whether or not having objects similar to those of the Company.
- 3.10 To borrow and raise money and to secure or discharge any debt or obligation of or binding on the Company in such manner as may be thought fit and in particular by mortgages and charges upon all or any part of the undertaking, property and assets (present and future) and the uncalled capital of the Company, or by the creation and issue of debentures, debenture stock or other securities of any description.
- 3.11 To advance, lend or deposit money or give credit to or with any company, firm or person on such terms as may be thought fit and with or without security.
- 3.12 To guarantee or give indemnities or provide security, whether by personal covenant or by mortgage or charge upon all or any part of the undertaking, property and assets (present and future) and the uncalled capital of the Company, or by all or any such methods, for the performance of any contracts or obligations, and the payment of capital or principal (together with any premium) and dividends or interest on any shares, debentures or other securities, of any person, firm or company including (without limiting the generality of the foregoing) any company which is for the time being a holding company of the Company or another subsidiary of any such holding company or is associated with the Company in business.
- 3.13 To issue any securities which the Company has power to issue for any other purpose by way of security or indemnity or in satisfaction of any liability undertaken or agreed to be undertaken by the Company.
- 3.14 To sell, lease, grant licences, easements and other rights over, and in any other manner deal with or dispose of, the undertaking, property, assets, rights and effects of the Company or any part thereof for such consideration as may be thought fit, and in particular for shares or other securities, whether fully or partly paid up.
- 3.15 To procure the registration, recognition or incorporation of the Company in or under the laws of any territory outside England.
- 3.16 To subscribe or guarantee money for any national, charitable, benevolent, public, general or useful object or for any purpose which may be considered likely directly or indirectly to further the interests of the Company or of its members.
- 3.17 To establish and maintain or contribute to any pension or superannuation funds for the benefit of, and to give or procure the giving of donations, gratuities, pensions, allowances or emoluments to, any individuals who are or were at any time in the employment or service of the Company or of any company which is its holding company or is a subsidiary of the Company or any such holding company or otherwise is allied to or associated with the Company or any of the predecessors of the Company or any other such company as aforesaid, or who are or were at any time directors or officers of the Company or of any such other company, and the wives, widows, families and dependants of any such individuals; to establish and subsidise or

subscribe to any institutions, associations, clubs or funds which may be considered likely to benefit any such persons or to further the interests of the Company or of any such other company; and to make payments for or towards the insurance of any such persons.

- 3.18** To establish and maintain, and to contribute to, any scheme for encouraging or facilitating the holding of shares or debentures in the Company by or for the benefit of its employees or former employees, or those of its subsidiary or holding company or subsidiary of its holding company, or by or for the benefit of such other persons as may for the time being be permitted by law, or any scheme for sharing profits with its employees or those of its subsidiary and/or associated companies, and (so far as for the time being permitted by law) to lend money to employees of the Company or of any company which is its holding company or is a subsidiary of the Company or any such holding company or otherwise is allied to or associated with the Company with a view to enabling them to acquire shares in the Company or its holding company.
- 3.19** (i) To purchase and maintain insurance for or for the benefit of any persons who are or were at any time directors, officers or employees or auditors of the Company, or of any other company which is its holding company or in which the Company or such holding company or any of the predecessors of the Company or of such holding company has any interest whether direct or indirect or which is in any way allied to or associated with the Company, or of any subsidiary undertaking of the Company or of any such other company, or who are or were at any time trustees of any pension fund in which any employees of the Company or of any such other company or subsidiary undertaking are interested, including (without prejudice to the generality of the foregoing) insurance against any liability incurred by such persons in respect of any act or omission in the actual or purported execution and/or discharge of their duties and/or in the exercise or purported exercise of their powers and/or otherwise in relation to the Company or any such other company, subsidiary undertaking or pension fund and (ii) to such extent as may be permitted by law otherwise to indemnify or to exempt any such person against or from any such liability; for the purposes of this clause "holding company" and "subsidiary undertaking" shall have the same meanings as in the Companies Act 1985 as amended by the Companies Act 1989.
- 3.20** To distribute among members of the Company in specie or otherwise, by way of dividend or bonus or by way of reduction of capital, all or any of the property or assets of the Company, or any proceeds of sale or other disposal of any property or assets of the Company, with and subject to any incident authorised, and consent required, by law.
- 3.21** To do all or any of the things and matters aforesaid in any part of the world, and either as principals, agents, contractors, trustees or otherwise, and by or through trustees, agents, subsidiary companies or otherwise, and either alone or in conjunction with others.
- 3.22** To do all such other things as may be considered to be incidental or conducive to any of the above objects.

And it is hereby declared that the objects of the Company as specified in each of the foregoing paragraphs of this Clause (except only if and so far as otherwise expressly provided in any paragraph) shall be separate and distinct objects of the Company and shall not be in any way limited by reference to any other paragraph or the order in which the same occur or the name of the Company.

- 4** The liability of the members is limited.
- 5** The share capital of the Company is £100 divided into 100 shares of £1 each.

We, the Subscriber to this Memorandum of Association wish to be formed into a Company pursuant to this Memorandum; and we agree to take the share shown opposite our name.

Name and Address of Subscriber	Number of Shares taken
Hackwood Secretaries Limited One Silk Street London EC2Y 8HQ	One
M A Jackson	
For and on behalf of Hackwood Secretaries Limited	
Total Shares taken:	One

Dated: 17 January 2001

Witness to the above Signature:

C E Doe

One Silk Street
London EC2Y 8HQ.

Secretary

The Companies Act 1985

Company Limited by Shares

Articles of Association

of

TTV IV G.P. LIMITED

PRELIMINARY

- 1 The regulations contained in Table A in The Companies (Tables A to F) Regulations 1985 (as amended so as to affect companies first registered on the date of incorporation of the Company) shall, except as hereinafter provided and so far as not inconsistent with the provisions of these Articles, apply to the Company to the exclusion of all other regulations or Articles of Association. References herein to regulations are to regulations in the said Table A unless otherwise stated.

SHARE CAPITAL

- 2 The share capital of the Company at the date of incorporation is £100 divided into 100 Ordinary Shares of £1 each.
- 3
 - 3.1 Subject to Section 80 of the Act, all unissued shares shall be at the disposal of the Directors and they may allot, grant options over or otherwise dispose of them to such persons, at such times, and on such terms as they think proper.
 - 3.2
 - 3.2.1 Pursuant to and in accordance with Section 80 of the Act the Directors shall be generally and unconditionally authorised to exercise during the period of five years from the date of incorporation of the Company all the powers of the Company to allot relevant securities up to an aggregate nominal amount of £100;
 - 3.2.2 by such authority the Directors may make offers or agreements which would or might require the allotment of relevant securities after the expiry of such period.
- 3.3 Section 89(1) of the Act shall not apply to the allotment by the Company of equity securities.
- 3.4 Words and expressions defined in or for the purposes of the said Section 80 or the said Section 89 shall bear the same meanings in this Article.

PROCEEDINGS AT GENERAL MEETINGS

- 4 In the case of a corporation a resolution in writing may be signed on its behalf by a Director or the Secretary thereof or by its duly appointed attorney or duly authorised representative. Regulation 53 shall be extended accordingly. Regulation 53 (as so extended) shall apply *mutatis mutandis* to resolutions in writing of any class of members of the Company.

VOTES OF MEMBERS

- 5 An instrument appointing a proxy (and, where it is signed on behalf of the appointor by an attorney, the letter or power of attorney or a duly certified copy thereof) must either be delivered at such place or one of such places (if any) as may be specified for that purpose in or by way of note to the notice convening the meeting (or, if no place is so specified, at the registered office) before the time appointed for holding the meeting or adjourned meeting or (in the case of a poll taken otherwise than at or on the same day as the meeting or adjourned meeting) for the taking of the poll at which it is to be used or be delivered to the Secretary (or the chairman of the meeting) on the day and at the place of, but in any event before the time appointed for holding, the meeting or adjourned meeting or poll. The instrument may be in the form of a facsimile or other machine made copy and shall, unless the contrary is stated thereon, be valid as well for any adjournment of the meeting as for the meeting to which it relates. An instrument of proxy relating to more than one meeting (including any adjournment thereof) having once been so delivered for the purposes of any meeting shall not require again to be delivered for the purposes of any subsequent meeting to which it relates. Regulation 62 shall not apply.
- 6 At a general meeting, but subject to any rights or restrictions attached to any shares, on a show of hands every member present in person or by proxy (or being a corporation present by a duly authorised representative) shall have one vote, and on a poll every member who is present in person or by proxy shall have one vote for every share of which he is the holder. Regulation 54 shall not apply.

NUMBER OF DIRECTORS

- 7 The Directors shall not be less than one in number. Regulation 64 shall be modified accordingly. Whenever the minimum number of Directors shall be one, a sole Director shall form a quorum, and Regulation 89 shall be modified accordingly.

ALTERNATE DIRECTORS

- 8
- 8.1 Any Director (other than an alternate Director) may by notice in writing to the Company appoint any other Director, or any other person who is willing to act, to be an alternate Director and remove from office an alternate Director so appointed by him. Regulation 65 of Table A shall not apply.
- 8.2 An alternate Director shall be entitled to receive notices of meetings of the Directors and of any committee of the Directors of which his appointor is a member and shall be entitled to attend and vote as a Director and be counted in the quorum at any such meeting at which his appointor is not personally present and generally at such meeting to perform all functions of his appointor as a Director and for the purposes of the proceedings at such meeting the provisions of these Articles shall apply as if he were a Director. If he shall be himself a Director or shall attend any such meeting as an alternate for more than one Director, his voting rights shall be cumulative but he shall not be counted more than once for the purposes of the quorum. If his appointor is for the time being absent from the United Kingdom or temporarily unable to act through ill health or disability his signature to any resolution in writing of the Directors shall be as effective as the signature of his appointor. An alternate Director shall not (save as aforesaid) have power to act as a Director, nor shall he be deemed to be a Director for the purposes of

these Articles, nor shall he be deemed to be the agent of his appointor. Regulations 66 and 69 shall not apply.

- 8.3 An alternate Director shall be entitled to contract and be interested in and benefit from contracts or arrangements or transactions and to be repaid expenses and to be indemnified to the same extent *mutatis mutandis* as if he were a Director but he shall not be entitled to receive from the Company in respect of his appointment as alternate Director any remuneration except only such part (if any) of the remuneration otherwise payable to his appointor as such appointor may by notice in writing to the Company from time to time direct.

DELEGATION OF DIRECTORS' POWERS

- 9 In addition to the powers to delegate contained in Regulation 72, the Directors may delegate any of their powers or discretions (including without prejudice to the generality of the foregoing all powers and discretions whose exercise involves or may involve the payment of remuneration to or the conferring of any other benefit on all or any of the Directors) to committees consisting of one or more Directors and (if thought fit) one or more other named person or persons to be co-opted as hereinafter provided. Insofar as any such power or discretion is delegated to a committee, any reference in these Articles to the exercise by the Directors of the power or discretion so delegated shall be read and construed as if it were a reference to the exercise thereof by such committee. Any committee so formed shall in the exercise of the powers so delegated conform to any regulations which may from time to time be imposed by the Directors. Any such regulations may provide for or authorise the co-option to the committee of persons other than Directors and may provide for members who are not Directors to have voting rights as members of the committee but so that (a) the number of members who are not Directors shall be less than one-half of the total number of members of the committee and (b) no resolution of the committee shall be effective unless passed by a majority including at least one member of the committee who is a Director. Regulation 72 shall be modified accordingly.

APPOINTMENT AND RETIREMENT OF DIRECTORS

- 10 The Directors shall not be subject to retirement by rotation. Regulations 73 to 75 and the second and third sentences of Regulation 79 shall not apply, and other references in the said Table A to retirement by rotation shall be disregarded.

DISQUALIFICATION AND REMOVAL OF DIRECTORS

11

- 11.1 The office of a Director shall be vacated in any of the events specified in Regulation 81 and also if he shall in writing offer to resign and the Directors shall resolve to accept such offer or if he shall be removed from office by notice in writing signed by all his co-Directors (being at least two in number) but so that if he holds an appointment to an executive office which thereby automatically determines such removal shall be deemed an act of the Company and shall have effect without prejudice to any claim for damages for breach of any contract of service between him and the Company.
- 11.2 Any provision of the Act which, subject to the provisions of the articles, would have the effect of rendering any person ineligible for appointment or election as a Director or liable to vacate office as a Director on account of his having reached any specified age or of requiring special notice or any other special formality in connection with the appointment or election of any Director over a specified age, shall not apply to the Company.

REMUNERATION OF DIRECTORS

- 12 Any Director who serves on any committee, or who otherwise performs services which in the opinion of the Directors are outside the scope of the ordinary duties of a Director, may be paid such extra remuneration by way of salary, commission or otherwise or may receive such other benefits as the Directors may determine. Regulation 82 shall be extended accordingly.

PROCEEDINGS OF DIRECTORS

- 13 The Directors, and any committee of the Directors, shall be deemed to meet together if, being in separate locations, they are nonetheless linked by conference telephone or other communication equipment which allows those participating to hear and speak to each other, and a quorum in that event shall be two persons so linked. Such a meeting shall be deemed to take place where the largest group of those participating is assembled or, if there is no such group, where the chairman of the meeting then is.
- 14 On any matter in which a Director is in any way interested he may nevertheless vote and be taken into account for the purposes of a quorum and (save as otherwise agreed) may retain for his own absolute use and benefit all profits and advantages directly or indirectly accruing to him thereunder or in consequence thereof. Regulations 94 to 98 shall not apply.
- 15 Directors who are absent from the United Kingdom shall be entitled to the same notice of all meetings of the Directors as Directors not so absent and the third sentence of Regulation 88 shall not apply. If a Director who is absent from the United Kingdom does not advise the Company in writing of his overseas address, notice to his usual address in the United Kingdom shall be deemed sufficient notice for the purposes of this Article.

NOTICES

- 16 A member whose registered address is not within the United Kingdom shall be entitled to have notices sent to him as if he were a member with a registered address within the United Kingdom and the last sentence of Regulation 112 shall not apply.

INDEMNITY

17

- 17.1 Subject to the provisions of and so far as may be consistent with the Act and all other laws and regulations applying to the Company, every Director, Secretary or other officer of the Company shall be indemnified by the Company out of its own funds against and/or exempted by the Company from all costs, charges, losses, expenses and liabilities incurred by him in the actual or purported execution and/or discharge of his duties and/or the exercise or purported exercise of his powers and/or otherwise in relation to or in connection with his duties, powers or office including (without prejudice to the generality of the foregoing) any liability incurred by him in defending any proceedings, civil or criminal, which relate to anything done or omitted or alleged to have been done or omitted by him as an officer or employee of the Company and in which judgment is given in his favour (or the proceedings are otherwise disposed of without any finding or admission of any material breach of duty on his part) or in which he is acquitted or in connection with any application under any statute for relief from liability in respect of any such act or omission in which relief is granted to him by the Court.
- 17.2 Without prejudice to paragraph 17.1 of this Article the Directors shall have power to purchase and maintain insurance for or for the benefit of any persons who are or were at any time

Directors, officers or employees of any Relevant Company (as defined in paragraph 17.3 of this Article) or who are or were at any time trustees of any pension fund or employees' share scheme in which employees of any Relevant Company are interested, including (without prejudice to the generality of the foregoing) insurance against any liability incurred by such persons in respect of any act or omission in the actual or purported execution and/or discharge of their duties and/or in the exercise or purported exercise of their powers and/or otherwise in relation to their duties, powers or offices in relation to any Relevant Company, or any such pension fund or employees' share scheme.

- 17.3** For the purpose of paragraph 17.2 of this Article "**Relevant Company**" shall mean the Company, any holding company of the Company or any other body, whether or not incorporated, in which the Company or such holding company or any of the predecessors of the Company or of such holding company has or had any interest whether direct or indirect or which is in any way allied to or associated with the Company, or any subsidiary undertaking of the Company or of such other body.

OVERRIDING PROVISIONS

- 18** Any member holding, or any members together holding, shares carrying not less than 90 per cent of the votes which may for the time being be cast at a general meeting of the Company may at any time and from time to time:-
- 18.1** appoint any person to be a Director (whether to fill a vacancy or as an additional Director);
- 18.2** remove from office any Director howsoever appointed but so that if he holds an appointment to an executive office which thereby automatically determines such removal shall be deemed an act of the Company and shall have effect without prejudice to any claim for damages for breach of any contract of service between him and the Company;
- 18.3** by notice to the Company require that no unissued shares shall be issued or agreed to be issued or put under option without the consent of such member or members;
- 18.4** restrict any or all powers of the Directors in such respects and to such extent as such member or members may by notice to the Company from time to time prescribe.

Any such appointment, removal, consent or notice shall be in writing served on the Company and signed by the member or members. No person dealing with the Company shall be concerned to see or enquire as to whether the powers of the Directors have been in any way restricted hereunder or as to whether any requisite consent of such member or members has been obtained and no obligation incurred or security given or transaction effected by the Company to or with any third party shall be invalid or ineffectual unless the third party had at the time express notice that the incurring of such obligation or the giving of such security or the effecting of such transaction was in excess of the powers of the Directors.

To the extent of any inconsistency this Article shall have overriding effects as against all other provisions of these Articles.

Name and Address of Subscriber

Hackwood Secretaries Limited
One Silk Street
London EC2Y 8HQ

M A Jackson

For and on behalf of
Hackwood Secretaries Limited

Dated: 17 January 2001

Witness to the above Signature:

C E Doe
One Silk Street
London EC2Y 8HQ.
Secretary