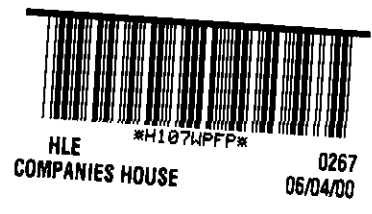


THE COMPANIES ACT 1985 TO 1989
PUBLIC COMPANY LIMITED BY SHARES

MEMORANDUM
of
ASSOCIATION
of
KAZOO3D PLC



- 1 The Company's name is "KAZOO3D PLC".
- 2 The Company is to be a public company.
- 3 The Company's registered office is to be situated in England and Wales.
- 4 The Company's objects are:
 - 4.1 To carry on all or any of the businesses of general merchants and traders, cash and credit traders, manufacturers' agents and representatives, insurance brokers and consultants, estate and advertising agents, mortgage brokers, financial agents, advisers, managers and administrators, hire purchase and general financiers, brokers and agents, commission agents, importers and exporters, manufacturers, retailers, wholesalers, buyers, sellers, distributors and shippers of, and dealers in all products, goods, wares, merchandise and produce of every description, to participate in, undertake, perform and carry on all kinds of commercial, industrial, trading and financial operations and enterprises; to carry on all or any of the businesses of marketing and business consultants, advertising agents and contractors, general storekeepers, warehousemen, discount traders, mail order specialists, railway, shipping and forwarding agents, shippers, traders, capitalists and financiers either on the Company's own account or otherwise, printers and publishers; haulage and transport contractors, garage proprietors, operators, hirers and letter on hire of, and dealers in motor and other vehicles, craft, plant, machinery, tools and equipment of all kinds; and to purchase or otherwise acquire and take over any businesses or undertakings which may be deemed expedient, or to become interested in, and to carry on or dispose of, remove or put an end to the same or otherwise deal with any such businesses or undertakings as may be thought desirable.
 - 4.2 To carry on the business of an investment company in all its branches, and to acquire by purchase, lease, concession, grant, licence or otherwise such businesses, options, rights, privileges, lands, buildings, leases, underleases, stocks, shares, debentures, debenture stock, bonds, obligations, securities, reversionary interests, annuities, policies of assurance and other property and rights and interests in property as the Company shall deem fit and generally to hold, manage, develop, lease, sell or dispose of the same and to vary any of the investments of the Company, to act as trustees of any deed constituting or securing any debentures, debenture stock or other securities or obligations.
 - 4.3 To carry on business as computer consultants, analysts and advisers undertaking all manner of graphic design, preparation, programming and processing; to act as agents and managers and to employ other agents and professionals to advise on all aspects of computers and their component parts and accessories and generally to act as contractors and consultants in all matters relating to

the application or operation of computers or computer based systems or the purchase or sale of computer time; to carry on business as electrical and general engineers, designers, manufacturers, assemblers, installers, repairers, importers, exporters, distributors, lessors and agents for the sale of and dealers in computers and their component parts and accessories computer software and all manner of computerised information systems; to provide any form of technical, or other facilities or assistance, or any related equipment supplies or services which may be required by any person or organisation having dealings with the Company, or which may in the opinion of the directors seem expedient in the pursuit of all or any of the Company's objects.

- 4.4 To carry on any other trade or business whatever which can in the opinion of the board of directors be advantageously carried on in connection with or ancillary to any of the businesses of the Company.
- 4.5 To purchase or by any other means acquire and take options over any property whatever, and any rights or privileges of any kind over or in respect of any property.
- 4.6 To apply for, register, purchase, or by other means acquire and protect, prolong and renew, whether in the United Kingdom or elsewhere, any trade marks, patents, copyrights, trade secrets, or other intellectual property rights, licences, secret processes, designs, protections and concessions and to disclaim, alter, modify, use and turn to account and to manufacture under or grant licences or privileges in respect of the same, and to expend money in experimenting upon, testing and improving any patents, inventions or rights which the Company may acquire or propose to acquire.
- 4.7 To acquire or undertake the whole or part of the business, goodwill and assets of any person, firm or company carrying on or proposing to carry on any of the businesses which the Company is authorised to carry on and as part of the consideration for such acquisition to undertake all or in any of the liabilities of such person, firm or company, or to acquire an interest in, amalgamate with, or enter into partnership or into any arrangement for sharing profits, or for co-operation, or for mutual assistance with any such person, firm or company, or for subsidising or otherwise assisting any such person, firm or company, and to give or accept, by way of consideration for any of the acts or things aforesaid or property acquired, any shares, debentures, debenture stock, or securities that may be agreed upon, and to hold and retain, or sell, mortgage and deal with any shares, debentures, debenture stock or securities so received.
- 4.8 To improve, manage, construct, repair, develop, exchange, let on lease or otherwise, mortgage, charge, sell, dispose of, turn to account, grant licences, options, rights and privileges in respect of, or otherwise deal with all or any part of the property and rights of the Company.
- 4.9 To invest and deal with the moneys of the Company not immediately required in such manner as may from time to time be determined and to hold or otherwise deal with any investments made.
- 4.10 To lend and advance money or give credit on any terms and with or without security to any person, firm or company (including without prejudice to the generality of the foregoing any holding company, subsidiary or fellow subsidiary of, or any other company associated in any way with, the Company), to enter into guarantees, contracts of indemnity and suretyships of all kinds, to receive money on deposit or loan upon any terms, and to secure or guarantee in any manner and upon any terms the payment of any sum of money or the performance of any obligation by any person, firm or company (including without prejudice to the generality of the foregoing any such holding company, subsidiary, fellow subsidiary or associated company as aforesaid).
- 4.11 To borrow and raise money in any manner and to secure the repayment of any money borrowed, raised or owing by mortgage, charge, standard security, lien or other security upon the whole or any part of the Company's property or assets (whether present or future), including its uncalled capital, and also by a similar mortgage, charge, standard security, lien or security to secure and guarantee the performance by the Company of any obligation or liability it may undertake or which may become binding on it.

- 4.12 To draw, make accept, endorse, discount, negotiate, execute and issue cheques, bills of exchange, promissory notes, bills of lading, warrants, debentures, and other negotiable or transferable instruments.
- 4.13 To apply for, promote and obtain any Act of Parliament, order, or licence of the Department of Trade or other authority for enabling the Company to carry any of its objects into effect, or for effecting any modification of the Company's constitution, or for any other purpose which may seem calculated directly or indirectly to promote the Company's interests, and to oppose any proceedings or applications which may seem calculated directly or indirectly to prejudice the Company's interests.
- 4.14 To enter into any arrangements with any government or authority (supreme, municipal, local or otherwise) that may seem conducive to the attainment of the Company's objects or any of them, and to obtain from any such government or authority any charters, decrees, rights, privileges or concessions which the Company may think desirable and to carry out, exercise and comply with any such charters, decrees, rights, privileges and concessions.
- 4.15 To subscribe for, take, purchase or otherwise acquire, hold, sell, deal with and dispose of, place and underwrite shares, stocks, debentures, debenture stocks, bonds, obligations or securities issued or guaranteed by any other company constituted or carrying on business in any part of the world, and debentures, debenture stocks, bonds, obligations or securities issued or guaranteed by any government or authority, municipal, local or otherwise, in any part of the world.
- 4.16 To control, manage, finance, subsidise, co-ordinate or otherwise assist any company or companies in which the Company has a direct or indirect financial interest, to provide secretarial, administrative, technical, commercial and other services and facilities of all kinds for any such company or companies and to make payments by way of subvention or otherwise and any other arrangements which may seem desirable with respect to any business or operations of or generally with respect to any such company or companies.
- 4.17 To promote any other company for the purpose of acquiring the whole or any part of the business or property or undertaking or any of the liabilities of the Company, or of undertaking any business or operations which may appear likely to assist or benefit the Company or to enhance the value of any property or business of the Company, and to place or guarantee the placing of, underwrite, subscribe for, or otherwise acquire all or any part of the shares or securities of any such company as aforesaid.
- 4.18 To sell or otherwise dispose of the whole or any part of the business or property of the Company, either together or in portions, for such consideration as the Company may think fit, and in particular for shares, debentures, or securities of any company purchasing the same.
- 4.19 To act as agents or brokers and as trustees for any person, firm or company and to undertake and perform sub-contracts.
- 4.20 To remunerate any person, firm or company rendering services to the Company either by cash payment or by the allotment of shares or other securities of the Company credited as paid up in full or in part or otherwise as may be thought expedient.
- 4.21 To distribute among the members of the Company in kind any property of the Company of whatever nature.
- 4.22 To pay all or any expenses incurred in connection with the promotion, formation and incorporation of the Company, or to contract with any person, firm or company to pay the same, and to pay commissions to brokers and others for underwriting, placing, selling or guaranteeing the subscription of any shares or other securities of the Company.

- 4.23 To support and subscribe to any charitable or public object and to support and subscribe to any institution, society or club which may be for the benefit of the Company or its directors or employees, or may be connected with any town or place where the Company carries on business; to give or award pensions, annuities, gratuities, and superannuation or other allowances or benefits or charitable aid and generally to provide advantages, facilities and services for any persons who are or have been directors of, or who are or have been employed by, or who are serving or have served the Company, or any company which is a subsidiary of the Company or the holding company of the Company or a fellow subsidiary of the Company or the predecessors in business of the Company or of any such subsidiary, holding or fellow subsidiary company and to the wives, widows, children and other relatives and dependants of such persons; to make payments towards insurance including insurance for any director, officers or auditor against any liability in respect of any negligence, default, breach of duty or breach of trust (so far as permitted by law); and to set up, establish, support and maintain superannuation and other funds or schemes (whether contributory or non-contributory) for the benefit of any of such persons and of their wives, widows, children and other relatives and dependants; and to set up, establish, support and maintain profit sharing or share purchase schemes for the benefit of any of the employees of the Company or of any such subsidiary, holding or fellow subsidiary company and to lend money to any such employees or to trustees on their behalf to enable any such schemes to be established or maintained.
- 4.24 Subject to and in accordance with the provisions of the Act (if and so far as such provisions shall be applicable) to give, directly or indirectly, financial assistance for the acquisition of shares or other securities of the Company or of any other company or for the reduction or discharge of any liability incurred in respect of such acquisition.
- 4.25 To procure the Company to be registered or recognised in any part of the world.
- 4.26 To do all or any of the things or matters aforesaid in any part of the world and either as principals, agents, contractors or otherwise and by or through agents, brokers, sub-contractors or otherwise and either alone or in conjunction with others.
- 4.27 To do all such other things as may be deemed incidental or conducive to the attainment of the Company's objects or any of them.
- 4.28 AND so that:
- 4.28.1 None of the objects set forth in any sub-clause of this clause shall be restrictively construed but the widest interpretation shall be given to each such object, and none of such objects shall, except where the context expressly so requires, be in any way limited or restricted by reference to or inference from any other object or objects set forth in such sub-clause, or by reference to or inference from the terms of any other sub-clause of this clause, or by reference to or inference from the name of the Company.
- 4.28.2 None of the sub-clauses of this clause and none of the objects therein specified shall be deemed subsidiary or ancillary to any of the objects specified in any other such sub-clause, and the Company shall have as full a power to exercise each and every one of the objects specified in each sub-clause of this clause as though each such sub-clause contained the objects of a separate Company.
- 4.28.3 The word "company" in this clause, except where used in reference to the Company, shall be deemed to include any partnership or other body of persons, whether incorporated or unincorporated and whether domiciled in the United Kingdom or elsewhere.
- 4.28.4 In this clause the expression "the Act" means the Companies Act 1985, but so that any reference in this clause to any provision of the Act shall be deemed to include a reference to any statutory modification or re-enactment of that provision for the time being in force.

reference to any statutory modification or re-enactment of that provision for the time being in force.

- 5 The liability of the members is limited.
- 6 The Company's share capital is £100,000 divided into 100,000 shares of £1 each*.

* By an ordinary resolution of the Company passed on 3 March 2000, the Company's share capital was increased from £100,000 divided into 100,000 shares of £1.00 each to £500,000 divided into 500,000 shares of £1.00 each. By an ordinary resolution of the Company passed on 3 March 2000, each of the ordinary shares of £1.00 each in the capital of the Company were sub-divided into 100 ordinary shares of 1 penny each.
By an ordinary resolution of the Company passed on 22 March 2000 each of the 50,000,000 ordinary shares of 1 penny each in the capital of the Company were sub-divided into 5 ordinary shares of 0.2 pence each.

We, the subscribers to this Memorandum of Association wish to be formed into a company pursuant to this Memorandum; and we agree to take the number of shares shown opposite our respective names.

Names and addresses of Subscribers	Number of shares taken by each Subscriber
1 For and on behalf of Instant Companies Limited 1 Mitchell Lane BRISTOL BS1 6BU	- One
2 For and on behalf of Swift Incorporations Limited 1 Mitchell Lane BRISTOL BS1 6BU	- One
Total shares taken -	Two

Dated 6 October 1999

Witness to the above Signatures:

Glenys Copeland
1 Mitchell Lane
BRISTOL
BS1 6BU