

THE COMPANIES ACT 1985

PUBLIC COMPANY LIMITED BY SHARES

MEMORANDUM OF ASSOCIATION

- of -

NANOCO GROUP PLC*

1. The Company's name is Evolutec Group plc.¹
2. The Company is to be a public limited company.²
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 business as a general commercial company; to carry on all or any of the businesses of general merchants and traders, manufacturers, assemblers, distributors, importers, exporters, merchants, factors, and shippers of, and wholesale and retail dealers in, goods, wares produce, products, commodities, fancy goods, handicrafts, and merchandise of every description, to act as agents for and to enter into agreements and arrangements of all kinds on behalf of such persons, firms or companies as may be thought expedient, and to negotiate, assign and mortgage or pledge for cash or otherwise, any such agreements and the payments due thereunder and any property the subject thereof, to carry on all or any of the businesses of mail order specialists, credit and discount traders, cash and carry traders, manufacturers' agents, commission and general agents, brokers, factors, warehousemen, and agents in respect of raw materials and manufactured goods of all kinds, and general railway, shipping and forwarding agents and transport contractors; to create, establish, build up, and maintain an organisation for the

¹ The Company's name was changed from Newincco 338 Limited to Evolutec Group Limited on 29 April 2004. The Company's name was changed from Evolutec Group Limited to Evolutec Group plc on 17 June 2004. The Company's name was changed from Evolutec Group Plc to Nanoco Group Plc on 24 March 2009.

² The Company was re-registered as a public limited company on 17 June 2004.

marketing, selling, retailing, servicing, advertisement, distribution or introduction of the products, merchandise, goods, wares, and commodities dealt in or services rendered by any person, firm or company, and to participate in, undertake, perform and carry out all kinds of commercial, trading and financial operations and all or any of the operations ordinarily performed by import, export and general merchants, factors, shippers, agents, traders, distributors, capitalists and financiers, either on the Company's own account or otherwise; and to open and establish shops, stalls, stores, markets and depots for the sale, collection and distribution of the goods dealt in by the Company;

- 4.2 to carry on any other trade or business whatsoever which, in the opinion of the board of directors of the Company, may be capable of being advantageously carried on by the Company in connection with or ancillary to any other business of the company, or may further any of the Company's objects;
- 4.3 to carry on the business of a holding company in all its branches and to co-ordinate the policy and administration of any subsidiary company of the Company or of any company of which the Company is a member or which is in any manner controlled by the Company;
- 4.4 to purchase, take on lease or in exchange, hire or otherwise acquire and hold any estate or interest in any lands, buildings, easements, rights, privileges, concessions, patents, patent rights, licences, secret processes, machinery, plant, stock-in-trade, and any real or personal property of any kind for such consideration and on such terms as may be considered expedient;
- 4.5 to erect, construct, lay down, enlarge, alter and maintain any roads, railways, tramways, sidings, bridges, reservoirs, shops, stores, factories, buildings, works, plant and machinery necessary or convenient for the Company's business, and to contribute to or subsidise the erection, construction and maintenance of any of the above;
- 4.6 to borrow or raise or secure the payment of money for the purpose of or in connection with the Company's business, and for the purposes of or in connection with the borrowings or raising of money by the Company to become a member of any building society;
- 4.7 to lend and advance money or give credit on any terms with or without security to any company or firm or person (including without limitation any holding company or subsidiary or fellow subsidiary of or any other company associated in any way with

- the Company), to enter into guarantees and 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 company or firm or person (including without limitation any holding company or subsidiary or fellow subsidiary or associated company);
- 4.8 to mortgage and charge the undertaking and all or any of the real and personal property and assets, present or future, and all or any of the uncalled capital for the time being of the company, and to issue at par or at a premium or discount, and for such consideration and with and subject to such rights, powers, privileges and conditions as may be thought fit, debentures or debenture stock, either permanent or redeemable or repayable, and collaterally or further to secure any securities of the Company by a trust deed or other assurance;
- 4.9 to issue and deposit any securities which the Company has power to issue by way of mortgage to secure any sum less than the nominal amount of such securities, and also by way of security for the performance of any contracts or obligations of the Company or of its customers or other persons or corporations having dealings with the Company, or in whose businesses or undertakings the Company is interested, whether directly or indirectly;
- 4.10 to receive money on deposit or loan upon such terms as the Company may approve, and to guarantee the obligations and contracts of any person or corporation;
- 4.11 to make advances to customers and others with or without security and upon such terms as the Company may approve, and generally to act as bankers for any person or corporation;
- 4.12 to grant pensions, allowances, gratuities and bonuses to officers, ex-officers, employees or ex-employees of the Company or its predecessors in business or the dependants or relations of such persons, to establish and maintain or concur in establishing and maintaining trusts, funds or schemes (whether contributory or non-contributory) with a view to providing pensions or other benefits for any such persons as aforesaid, their dependants or relations, and to support or subscribe to any charitable funds or institutions, the support of which may, in the opinion of the Directors, be calculated directly or indirectly to benefit the company or its employees, and to institute and maintain any club or other establishment or profit sharing scheme calculated to advance the interests of the Company or its officers or employees;
- 4.13 to draw, make, accept, endorse, negotiate, discount and execute promissory notes, bills of exchange and other negotiable instruments;
- 4.14 to invest and deal with the moneys of the Company not immediately required for the

- purposes of its business in or upon such investments or securities and in such manner as may from time to time be determined
- 4.15 to pay for any property or rights acquired by the Company, either in cash or fully or partly paid-up shares, with or without preferred or deferred or special rights or restrictions in respect of dividend, repayment of capital, voting or otherwise, or by any securities which the Company has power to issue, or partly in one mode and partly in another, and generally on such terms as the Company may determine;
 - 4.16 to accept payment of any property or rights sold or otherwise disposed of or dealt with by the Company, either in cash, by instalments or otherwise, or in fully or partly paid-up shares of any company or corporation, with or without deferred or preferred or special rights or restrictions in respect of dividend, repayment of capital, voting or otherwise, or in debentures or mortgage debentures or debenture stock, mortgages or other securities of any company or corporation, or partly in one mode and partly in another, and generally on such terms as the Company may determine, and to hold, dispose of or otherwise deal with any shares, stock or securities so acquired;
 - 4.17 to enter into any partnership or joint-purse arrangement or arrangement for sharing profits, union of interest or co-operation with any company, firm or person carrying on or proposing to carry on any business within the objects of this Company, and to acquire and hold, sell, deal with or dispose of shares, stock or securities of any such company, and to guarantee the contracts or liabilities of, or the payment of the dividends, interest or capital of any shares, stock or securities of and to subsidise or otherwise assist any such company;
 - 4.18 to establish or promote or concur in establishing or promoting any other company whose objects shall include the acquisition and taking over of all or any of the assets and liabilities of the Company or the promotion of which shall be in any manner calculated to advance directly or indirectly the objects or interests of the Company, and to acquire and hold or dispose of shares, stock or securities of and guarantee the payment of the dividends, interest or capital of any shares, stock or securities issued by or any other obligations of any such company;
 - 4.19 to purchase or otherwise acquire and undertake all or any part of the business, property, assets, liabilities and transactions of any person, firm or company carrying on any business which the Company is authorised to carry on;
 - 4.20 to sell, improve, manage, develop, exchange, let on lease or otherwise, mortgage, charge, sell, turn to account, grant licences options, easements and other rights in or over, and in any other manner deal with or dispose of the undertaking and all or any of the property and assets for the time being of the Company for such consideration as the Company may think fit;
 - 4.21 to amalgamate with any other company whose objects are to include objects similar

- to those of this Company, whether by sale or purchase (for fully or partly paid-up shares or otherwise) of the undertaking, subject to liabilities of this or any such other company as aforesaid, with or without winding up, or by sale or purchase (for fully or partly paid-up shares or otherwise) of all or a controlling interest in the shares or stock of this or any such other company as aforesaid, or in any other manner;
- 4.22 to distribute among the members in specie any property of the Company, or any proceeds of sale or disposal of any property of the Company, but so that no distribution amounting to a reduction of capital be made except with the sanction (if any) for the time being required by law;
- 4.23 to do all or any of the above things in any part of the world, and either as principal, agent, trustee, contractor or otherwise, and either alone or in conjunction with others, and either by or through agents, trustees, sub-contractors or otherwise;
- 4.24 to do all other things as are incidental or conducive to the attainment of the Company's objects or any of them.

None of the objects set out in any sub-clause of this clause shall be restrictively construed and the widest interpretation shall be given to each object. The word "company" in this clause, except where used in reference to the Company, shall be deemed to include any partnership, body corporate or unincorporated association whether domiciled in the United Kingdom or elsewhere. None of the objects shall, except where the context expressly requires, be in any way limited by or restricted by reference to or inference from any other object or objects set out in that 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.

5. The liability of the members is limited.
6. The share capital of the Company is £1,000 divided into 1,000 ordinary shares of £1 each.³

³ The authorised share capital of the Company was increased from £1,000 to £7,000,000 by the creation of 6,999,000 ordinary shares of £1 each on 29 April 2004. The authorised share capital of the Company was then sub-divided into 70,000,000 shares of 10 p each by special resolution on 29 April 2004. The 70,000,000 ordinary shares were consolidated into 7,000,000 ordinary shares of £1 each and then sub-divided into 7,000,000 ordinary shares of 10p each and 63,000,000 deferred shares of 10p each, and the authorised share capital was increased from £7,000,000 to £14,000,000 by the creation of 70,000,000 ordinary shares of 10 pence each on 17 June 2004. The authorised capital was diminished by ordinary resolution on 26 April 2006 from £14,000,000 divided into 77,000,000 ordinary shares of 10p each and 63,000,000 deferred shares of 10p each to £7,700,000 divided into 77,000,000 ordinary shares of 10p each, by cancelling all 63,000,000 deferred shares. The authorised share capital was increased from £7,700,000 to £25,000,000 by the creation of 173,000,000 ordinary shares of 10p each on 24 March 2009.