

FILE COPY



**CERTIFICATE OF INCORPORATION
OF A PRIVATE LIMITED COMPANY**

Company No. 5832927

The Registrar of Companies for England and Wales hereby certifies that
NANOEXCHANGE LIMITED

is this day incorporated under the Companies Act 1985 as a private
company and that the company is limited.

Given at Companies House, Cardiff, the 31st May 2006



N05832927N



THE OFFICIAL SEAL OF THE
REGISTRAR OF COMPANIES



Companies House

— for the record —



Companies House

for the record

Please complete in typescript,
or in bold black capitals.

CHWP000

12

Declaration on application for registration

5832 927

Company Name in full

NANO EXCHANGE Limited

I, Luciene James Limited

of 280 Gray's Inn Road London WC1

† Please delete as appropriate.

do solemnly and sincerely declare that I am a † ~~Solicitor engaged in the formation of the company~~ [person named as director or secretary of the company in the statement delivered to the Registrar under section 10 of the Companies Act 1985] and that all the requirements of the Companies Act 1985 in respect of the registration of the above company and of matters precedent and incidental to it have been complied with.

And I make this solemn Declaration conscientiously believing the same to be true and by virtue of the Statutory Declarations Act 1835.

Declarant's signature

Declared at

450 Hackney Road London E2

Day Month Year

On

26 05 2006

• Please print name.

before me •

D Joslin

Signed

[Signature]

Date

26/5/06

† A Commissioner for Oaths or Notary Public or Justice of the Peace or Solicitor

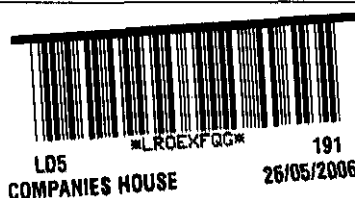
Please give the name, address, telephone number and, if available, a DX number and Exchange of the person Companies House should contact if there is any query.

The Company Limited 280 Gray's Inn Road
London WC1X 8EB

Tel 020 7833 4446

DX number

DX exchange



When you have completed and signed the form please send it to the Registrar of Companies at:

Companies House, Crown Way, Cardiff, CF14 3UZ DX 33050 Cardiff
for companies registered in England and Wales

or

Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB

for companies registered in Scotland

DX 235 Edinburgh



Companies House

for the records

Please complete in typescript,
or in bold black capitals.

CHWP000

Notes on completion appear on final page

10

First directors and secretary and intended situation of
registered office

Company Name in full

NANOEXCHANGE Limited

Proposed Registered Office

(PO Box numbers only, are not acceptable)

280 Grays Inn Road

Post town

London

County / Region

Postcode

WC1X 8EB

If the memorandum is delivered by an agent
for the subscriber(s) of the memorandum
mark the box opposite and give the agent's
name and address.



Agent's Name

The Company Limited

Address

280 Gray's Inn Road

Post town

London

County / Region

Postcode

WC1X 8EB

Number of continuation sheets attached

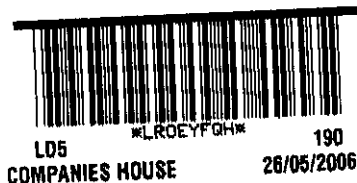
Please give the name, address,
telephone number and, if available,
a DX number and Exchange of
the person Companies House should
contact if there is any query.

The Company Limited 280 Gray's Inn Road
London WC1X 8EB

Tel 020 7833 4446

DX number

DX exchange



When you have completed and signed the form please send it to the
Registrar of Companies at:

Companies House, Crown Way, Cardiff, CF14 3UZ DX 33050 Cardiff
for companies registered in England and Wales

or

Companies House, 37 Castle Terrace, Edinburgh, EH1 2EB
for companies registered in Scotland

DX 235 Edinburgh

Company Secretary (see notes 1-5)

Company name			
NAME	*Style / Title	*Honours etc	
Forename(s)		The Company Registration Agents Ltd	
Surname			
Previous forename(s)			
Previous surname(s)			
Address		280 Gray's Inn Road	
Usual residential address For a corporation, give the registered or principal office address.			
Post town		London	
County / Region		Postcode	WC1X 8EB
Country			
I consent to act as secretary of the company named on page 1			
Consent signature		Date 26/5/06	

Directors (see notes 1-5)

Please list directors in alphabetical order

NAME		*Style / Title		*Honours etc							
Forename(s)		Luciene James Limited									
Surname											
Previous forename(s)											
Previous surname(s)											
Address		280 Gray's Inn Road									
Usual residential address For a corporation, give the registered or principal office address.											
Post town		London									
County / Region		Postcode	WC1X 8EB								
Country											
Date of birth		Day	Month	Year		Nationality	British				
		0	5	0	7	1	9	9	1		
Business occupation		Limited Company									
Other directorships		None									
I consent to act as director of the company named on page 1											
Consent signature		Date 26/5/06									

Directors (continued) (see notes 1-5)

NAME	*Style / Title		*Honours etc							
* Voluntary details	Forename(s)									
	Surname									
	Previous forename(s)									
	Previous surname(s)									
	Address									
Usual residential address										
For a corporation, give the registered or principal office address.	Post town									
	County / Region		Postcode							
	Country									
	Date of birth	<table border="1"><tr><td>Day</td><td>Month</td><td>Year</td></tr><tr><td> </td><td> </td><td> </td></tr></table>	Day	Month	Year				Nationality	
Day	Month	Year								
	Business occupation									
	Other directorships									
	I consent to act as director of the company named on page 1									
	Consent signature		Date							

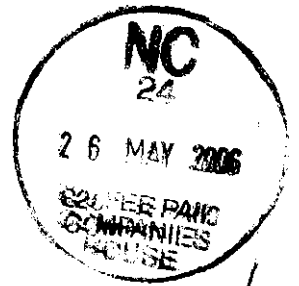
This section must be signed by				
Either				
an agent on behalf of all subscribers	Signed	Jane	Date	26/1/06
Or the subscribers	Signed		Date	
(i.e those who signed as members on the memorandum of association).	Signed		Date	
	Signed	W A	Date	
	Signed		Date	
	Signed		Date	
	Signed		Date	

The Companies Acts 1985 to 1989
Private Company Limited by Shares

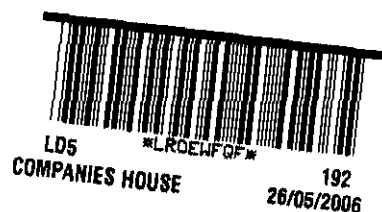
MEMORANDUM OF ASSOCIATION

of

NANOEXCHANGE LIMITED



1. The Company's name is NANOEXCHANGE Limited.
2. The Company's registered office is to be situated in England and Wales.
3. The Company's objects are :
 - (a) (i) the object of the Company is to carry on business as a general commercial company;
 - (ii) without prejudice to the generality of clause 3(a)(i) of this Memorandum of Association, and the powers of the Company derived from Section 3A of The Companies Act 1985 to 1989, the Company has power to do all or any of the following objects or any of them;



- (b) to carry on any other trade or business whatever, which can in the opinion of the Directors be advantageously carried on in connection with or ancillary to any of the businesses of the Company;
- (c) to purchase, take on lease or in exchange, hire or otherwise acquire and hold for any estate or interest 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 necessary or convenient for the purposes of or in connection with the Company's business or any branch or department thereof;
- (d) 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;
- (e) to borrow or raise or secure the payment of money for the purposes of or in connection with the Company's business, and for the purposes of or in connection with the borrowing or raising of money by the Company to become a member of any building society;
- (f) 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 assurances;
- (g) to issue and deposit any securities which the Company has power to issue by way of mortgage, 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;
- (h) to receive money on deposit or loan upon such terms as the Company may approve, and to guarantee the obligations and contracts of customers and others;
- (i) to lend money to any company, firm or person and to give all kinds of indemnities and either with or without the Company receiving any consideration or advantage, direct or indirect, for giving any such guarantee, to guarantee either by personal covenant or by mortgaging or charging all or any part of the undertaking property and assets present and future and uncalled capital of the Company or by both such methods, the performance of the obligations and the payment of the capital or principal (together with any premium) of and dividends or interest on any debenture stocks, shares or other securities of any company, firm or person and in particular (but without limiting the generality of the foregoing) any company which is for the time being the Company's holding or subsidiary company as defined by Section 736 of the Companies Act 1985 or otherwise associated with the Company in business and whether or not this Company receives directly or indirectly any consideration or advantage therefrom;

- (j) to establish and maintain or procure the establishment and maintenance of any non-contributory or contributory pension or superannuation funds for the benefit of, and give or procure the giving of donations, gratuities, pensions, allowances, or emoluments to any persons who are or were at any time in the employment or service of the Company, or of any company which is for the time being the Company's holding or subsidiary company as defined by Section 736 of the Companies Act 1985 or otherwise associated with the Company in business or who are or were at the time directors or officers of the Company or of any such other company as aforesaid, and the wives, widows, families and dependants of any such persons, and also to establish and subsidise or subscribe to any institutions, associations, clubs or fund calculated to be for the benefit of or to advance the interests and well-being of the Company or of any such other company as aforesaid, or of any such persons as aforesaid, and to make payments for or towards the insurance of any such persons as aforesaid, and to subscribe or guarantee money for charitable or benevolent objects or for any exhibition or for any public, general or useful object; and to establish, set up, support and maintain share purchase schemes or profit-sharing schemes for the benefit of any employees of the Company or of any company which is for the time being the Company's holding or subsidiary company as defined by Section 736 of the Companies Act 1985 and to do any of the matters aforesaid, either alone or in conjunction with any such other company as aforesaid;
- (k) to draw, make, accept, endorse, negotiate, discount and execute promissory notes, bills of exchange and other negotiable instruments;
- (l) 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 any such manner as may from time to time be determined;
- (m) to pay for any property or rights acquired by the Company, either in cash or in 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;
- (n) to accept payment for 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;
- (o) to enter into any partnership or joint-purse arrangement or arrangement for sharing profits union of interests 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, stocks 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;

- (p) 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 this Company, and to acquire and hold or dispose of shares, stock or securities and guarantee the payment of dividends, interest or capital of any shares, stock or securities issued by or any other obligations of any such company;
- (q) 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 this Company is authorised to carry on;
- (r) to sell, improve, manage, develop, turn to account, exchange, let on rent, royalty, share of profits or otherwise, grant licences, 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;
- (s) to amalgamate with any other company whose objects are or 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 the 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 by partnership, or any arrangement of the nature of partnership, or in any other manner;
- (t) to subscribe or guarantee money for or organise or assist any national, local, charitable, benevolent, public, general or useful object, or for any exhibition or for any purpose which may be considered likely directly or indirectly to further the objects of the Company or the interests of its members;
- (u) 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;
- (v) to give such financial assistance, directly or indirectly, for the purpose of the acquisition of shares in the Company or the Company's holding company as defined by Section 736 of the Companies Act 1985 or for the purpose of reducing or discharging any liability incurred by any person for the purpose of the acquisition of shares in the Company or the Company's holding company as defined by Section 736 of the Companies Act 1985 as may be lawful;
- (w) to do all or any of the above things in any part of the world, and either as principals, agents, trustees, contractors or otherwise, and either alone or in conjunction with others, and either by or through agents, trustees, sub-contractors or otherwise;
- (x) to do all such things as are incidental or conducive to the above objects or any of them.

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 paragraphs) 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 name of the Company.

4. The liability of the member(s) is limited.
5. The Company's share capital is £ 100 divided into 100 shares of £1 each.

WE, the several persons whose names, addresses and descriptions are subscribed are desirous of being formed into a Company in pursuance of this Memorandum of Association and we respectively agree to take the number of shares in the capital of the Company set opposite our respective names.

**Names, Addresses and Descriptions
of Subscribers**

**Number of Shares
taken by each Subscriber**

Luciene James Limited
280 Gray's Inn Road
London WC1X 8EB

One

Limited Company



DATED 25 May 2006

WITNESS to the above signatures:-

Frederick Paul Curtis
166 Westmorland Avenue
Luton LU3 2PU



Company Registration Agent

**The Companies Acts 1985 to 1989
Private Company Limited By Shares**

ARTICLES OF ASSOCIATION

of

NANOEXCHANGE LIMITED

Preliminary

1. The Regulations contained in Table A in the Schedule to The Companies (Tables A to F) Regulations 1985 as amended by The Companies (Tables A to F) (Amendment) Regulations 1985 (such Table being hereinafter called "Table A") shall apply to the Company save in so far as they are excluded or varied hereby and such Regulations (save as so excluded or varied) and the Articles hereinafter contained shall be the Regulations of the Company.

Private Company

2. The Company is a private limited company within the meaning of the Companies Act 1985 and accordingly no shares or debentures of the Company shall be offered to the public.

Shares

3.
 - (a) Shares which are comprised in the authorised share capital with which the Company is incorporated shall be under the control of the Directors who may (subject to paragraph (d) below), allot, grant options over or otherwise dispose of the same, to such persons, on such terms and in such manner as they think fit.
 - (b) After the first allotment of shares by the Directors any further shares proposed to be issued shall first be offered to the Members in proportion as nearly as may be to the number of the existing shares held by them respectively unless the Company shall by Special Resolution otherwise direct. The offer shall be made by notice specifying the number of shares offered, and limiting a period (not being less than fourteen days) within which the offer, if not accepted, will be deemed to be declined. After the expiration of that period, those shares so

deemed to be declined shall be offered in the proportion aforesaid to the persons who have, within the said period, accepted all the shares offered to them; such further offer shall be made in like terms in the same manner and limited by a like period as the original offer. Any shares not accepted pursuant to such offer or further offer as aforesaid or not capable of being offered as aforesaid except by way of fractions and any shares released from the provision of this Article by such Special Resolution as aforesaid shall be *under the control of the Directors, who may (subject to paragraph (d) below) allot, grant options over or otherwise dispose of the same to such persons, on such terms, and in such manner as they think fit, provided that, in the case of shares not accepted as aforesaid, such shares shall not be disposed of on terms which are more favourable to the subscribers therefor than the terms on which they were offered to the Members.*

- (c) In accordance with Section 91 of the Companies Act 1985 Sections 89(1) and 90 of the said Act shall not apply to the Company.
- (d) The Directors are generally and unconditionally authorised for the purposes of Section 80 of the Companies Act 1985 to exercise any power of the Company to allot and grant rights to subscribe for or convert securities into shares of the Company up to the amount of the authorised share capital with which the Company is incorporated at any time or times during the period of five years from the date of incorporation and the Directors may after that period, allot any shares or grant any such rights under this authority in pursuance of an offer or agreement so to do made by the Company within that period. The authority hereby given may at any time (subject to the said Section 80) be renewed, revoked or varied by Ordinary Resolution.

Lien

- 4. The Company shall have a first and paramount lien on every share (whether or not it is a fully paid share) for all moneys (whether presently payable or not) called or payable at a fixed time in respect of that share and the Company shall also have a first and paramount lien on all shares (whether fully paid or not) standing registered in the name of any person whether solely or as one of two or more joint holders for all moneys presently payable by him or his estate to the Company; but the Directors may at any time declare any share to be wholly or in part exempt from the provisions of this Article. The Company's lien on a share shall extend to any dividend or other amount payable in respect thereof. Regulation 8 in Table A shall not apply to the Company.

Calls

- 5. The liability of any Member in default in respect of a call shall be increased by the addition at the end of the first sentence of Regulation 18 in Table A of the words "and all expenses that may have been incurred by the Company by reason of such non-payment".

Transfer of Shares

6. The Directors may, in their absolute discretion, and without assigning any reason therefor, decline to register any transfer of any share, whether or not it is a fully paid share. Regulation 24 in Table A shall not apply to the Company.

Redemption of Shares

7. Subject to the provisions of the Companies Acts shares may be issued which are to be redeemed or are to be liable to be redeemed at the option of the Company or the holder, provided that the terms on which and the manner in which any such redeemable shares shall or may be redeemed shall be specified by Special Resolution before the issue thereof.

General Meetings and Resolutions

8. If and for so long as the Company has a sole member the provisions of Sections 322(b), 352(a) and 370(a) shall apply to the Company in that all and any contracts between the Company and the sole member, if also a director, shall be recorded by the Company and further that the relevant statement shall be inserted in the register of members that the Company has, or ceases to have, a sole member.
9. Every notice convening a General Meeting shall comply with the provisions of Section 372(3) of the Companies Act 1985 as to giving information to Members in regard to their right to appoint proxies; and notices of and other communications relating to any General Meeting which any Member is entitled to receive shall be sent to the Directors and to the Auditor for the time being of the Company.
10.
 - (a) In Regulation 40 of Table A there shall be inserted at the end thereof the words "save when the Company has only one member when such sole member shall be a quorum".
 - (b) In Regulation 41 of Table A there shall be inserted at the end thereof the words "and if at the adjourned meeting a quorum is not present within half an hour from the time appointed for the meeting, the members present shall be a quorum".

Appointment of Directors

11. (a) The number of the Directors may be determined by Ordinary Resolution of the Company but unless and until so fixed there shall be no maximum number of Directors and the minimum number of Directors shall be one. In the event of the minimum number of Directors fixed by or pursuant to these Articles or Table A being one, a sole Director shall have authority to exercise all the powers and discretions by Table A or these Articles expressed to be vested in the Directors generally and the quorum for the transaction of the business of the Directors shall be one. Regulation 64 in Table A shall not apply to the Company.
- (b) The Directors shall not be required to retire by rotation and accordingly Regulations 73, 74 and 75 in Table A shall not apply to the Company and Regulations 76, 77, 78 and 79 in Table A shall be modified accordingly.
12. Any appointment or removal of an alternate Director may be made by letter, cable, telex, telegram, facsimile or radiogram or in any other manner approved by the Directors. Any cable, telex, telegram, facsimile or radiogram shall be confirmed as soon as possible by letter but is a valid appointment in the meantime. Accordingly Regulation 68 in Table A shall not apply to the Company.

Powers of Directors

13. In addition to and without prejudice to the generality of the powers conferred by Regulation 70 of Table A the Directors may exercise all the powers of the Company to borrow money and to mortgage or charge all the undertaking and property of the Company including the uncalled capital or any part thereof, and to issue debentures, debenture stock and other securities whether outright or as security for any debt, liability or obligation of the Company or of any third party.
14. A Director may vote as a Director in regard to any contract or arrangement in which he is interested or upon any matter arising thereout, and if he shall so vote his vote shall be counted and he shall be reckoned in estimating a quorum when any such contract or arrangement is under consideration and Regulations 94 to 97 in Table A shall be modified accordingly.
15. Any Director or member of a committee of the Directors may participate in a meeting of the Directors or such committee by means of conference telephone or similar communications equipment whereby all persons meeting in this manner shall be deemed to constitute presence in person at such meeting.

Indemnity

16. Every Director or other officer of the Company shall be indemnified out of the assets of the Company against all losses or liabilities which he may sustain or incur in or about the execution of the duties of his office or otherwise in relation thereto, including any liability incurred by him in defending any proceedings, whether civil or criminal, in which judgment is given in his favour or in which he is acquitted or in connection with any application under the Act in which relief is granted to him by the Court, and no Director or other officer shall be liable for any loss, damage or misfortune which may happen to or be incurred by the Company in the execution of the duties of his office or in relation thereto. This Regulation shall have effect only in so far as its provisions are not avoided by Section 310 of the Companies Act 1985. Regulation 118 in Table A shall not apply to the Company.

Names, Addresses and Descriptions of Subscribers

Luciene James Limited
280 Gray's Inn Road
London WC1X 8EB

Limited Company



DATED 25 May 2006

WITNESS to the above signatures:-

Frederick Paul Curtis
166 Westmorland Avenue
Luton LU3 2PU



Company Registration Agent