Amount #

RANDOX LABORATORIES LIMITED Register of Mortgages for

Particulars of Mortgage

FIXED CHARGE ON PATENTS AND LICENCES ALTERNONIES
BYENDA OF FIRST FIXED CHARGE ALL THE

COMPANY'S PATENTS, TRADE MARKS, PATENT APPLICATIONS, BRAND NAMES, COPYRIGHTS, RIGHTS IN THE NATURE OF COPYRIGHTS, THEREFOR), ALL INVENTIONS, RIGHTS... SEE DOC. NO. 68 FOR FURTHER DETAILS. APPLICATIONS AND RIGHTS TO APPLY REGISTERED DESIGN (INCLUDING 0

Mortgagees
BANK OF IRELAND
LOWER BAGGOT ST Mortgagees Names of

Printed on: 15/05/2001 [P = Partly Satismed] [W = Wholly Satismed]

Satisfactions
'/P Date Doc

COMPANIES FORM No. 402

Particulars of a mortgage or charge

10 MAY 2001

Please do not write in this margin

Please complete legibly, preferably in black type, or bold block lettering

* insert full name of company

To the Registrar of Companies

For official use

Company number

NI 15738

CR 53

Name of company

Randox Laboratories Limited (the "Company")

Date of creation of the charge,

23rd April 2001

Description of the instrument (if any) creating or evidencing the charge (note 2)

Pursuant to Article 402(1) of the Companies (Northern Ireland) Order

Fixed Charge on Patents and Licences (the "Fixed Charge")

Amount secured by the mortgage or charge

Please see continuation sheet

Names and addresses of the mortgagees or persons entitled to the charge

The Governor and Company of the Bank of Ireland (the "Bank")

Lower Baggot Street, Dublin 2

Presentor's name, address and

For official use

Public Office 0 9 MAY 2001

Mortgage Section

Postcode

COMPANES

:JB/sc

Arthur Cox Northern Ireland **Stokes House**

17-25 College Square East Belfast

BT1 6HD

Page 1

PR00118 11/98 60C 079480

reference (if any):

Short particulars of all the property mortgaged or charged	Please do not write in this
Please see continuation sheet	margin Please complete legibly, preferabl in black type, or bold block letter;
y	
Particulars as to commission, allowance or discount (note 3)	
Nil	
Signed and Cox ruf Date 9/5/01	(
On behalf of [company][mortgagee/chargee]†	†delete as appropriate

Notes

- The original instrument (if any) creating or evidencing the charge, together with these prescribed particulars correctly completed must be delivered to the Registrar of Companies within 21 days after the date of creation of the charge (Article 402). If the property is situated and the charge was created outside the United Kingdom delivery to the Registrar must be effected within 21 days after the date on which the instrument could in due course of post, and if dispatched with due diligence, have been received in the United Kingdom (Article 405). A copy of the instrument creating the charge will be accepted where the property charged is situated and the charge was created outside the United Kingdom (Article 405), and in such cases the copy must be verified to be a correct copy either by the company or by the person who has delivered or sent the copy to the Registrar. The vertification must be signed by or on behalf of the person giving the verification and where this is given by a body corporate it must be signed by an officer of that body. A verified copy will also be accepted where Article 405(4) applies (property situate in Great Britain) and Form No. 405 is submitted.
- 2 A description of the instrument, eg "Trust Deed", "Debenture", "Mortgage" or "Legal charge", etc, as the case may be, should be given.
- 3 In this Box there should be inserted the amount or rate per cent, of the commission, allowance or discount (if any) paid or made either directly or indirectly by the company to any person in consideration of his:
 - (a) subscribing or agreeing to subscribe, whether absolutely or conditionally, or
 - (b) procuring or agreeing to procure subscriptions, whether absolute or conditional,

for any of the debentures included in this return. The rate of interest payable under the terms of the debentures should not be entered.

4 If any of the spaces in this form are insufficient the particulars must be entered on the prescribed continuation sheet.

H:\wpdata\JB\Company Forms\402\RandoxFixed.chge.wpd

Please do not write in this binding margin

Particulars of a mortgage or charge (continued)

Continued Sheet No. to Form No. 402

Please co legibly, p in black bold blo

*Insert name compa

				to rorm No.	744
				Compan	y number
					NI 15738
oly				<u> </u>	
ring !	lame of company				
	* Randox Laboratories	s Limited (the "C	Company")		<u>-</u>
	Tundox Dubblatorio	S Estimated (title)	joinpany)		
ļ	Description of the instrur	nent creating or e	videncing the mo	ortgage or cha	rge (continued) (no
Γ					
	-				
1					

Please complete legibly, preferably in black type, or bold block lettering

All moneys, obligations and liabilities whatsoever whether for principal, interest or otherwise in whatever currency which at the date of the Fixed Charge are, or at any time thereafter may become, due or owing to the Bank by the Company whether as principal, guarantor, surety or otherwise whether actual or continent and whether alone or jointly and in whatever name or style in any manner whatsoever and all reasonable and proper costs, charges, expenses and other sums (banking, legal or otherwise) on a full indemnity basis howsoever incurred or to be incurred by the Bank by or through any receiver, attorney, delegate, sub-delegate, substitute or agent of the Bank (including, without limitation, the remuneration of any of them) for any of the purposes referred to in the Fixed Charge or in relation to the enforcement of the security comprised in the Fixed Charge together with interest on all amounts demanded but unpaid under the Fixed Charge from the date of demand until actual payment (as well after as before judgement).

Please do not write in this binding margin

Please complete legibly, preferably in black type, or bold block lettering

By way of first fixed charge all the Company's patents, trade marks, patent applications, brand names, copyrights, rights in the nature of copyrights, registered designs (including applications and rights to apply therefor), all inventions, rights and trademarks, both registered and unregistered, registered user agreements. service marks and business names whether registered or not (including applications and rights to apply therefor), confidential information and know-how, fees, royalties and other rights of every kind deriving from such copyrights, patents, publication rights, registered designs, inventions, rights, trademarks, registered user agreements, service marks, business names, confidential information, know-how, fees and royalties and which at the date of the Fixed Charge or at any time thereafter belong to the Company including, without prejudice to the generality of the foregoing, patents and licences, registered and unregistered, listed in the Schedule hereto and any and all rights which the Company may have as licensee or sub-licensee pursuant to any agreement or otherwise, and other intellectual property rights now, or at any time during the continuance of the security comprised in the Fixed Charge, belonging to the Company and all agreements under which the Company is now or may become entitled to the payment of any royalty fee or similar income.

The Company shall not without the prior consent in writing of the Bank create or permit to exist any mortgage, debenture, charge, pledge, lien or other interest (whether express or arising by operation of law) on or affecting any part of the assets charged by the Fixed Charge ranking in priority to, or pari passu with, the Fixed Charge or sell, transfer or otherwise dispose of the assets charged by the Fixed Charge.

The Company shall not, save with the prior written consent of the Bank sell, transfer, assign or otherwise dispose of the assets charged by the Fixed Charge.

SCHEDULE

Intellectual Property

	Country of Application/Patent Application/Patent Number	Filing Date/ Priority Date	Details
1	Egypt 431/98 Hungary P9800920 Croatia P980215A Turkey 98/00737 Canada 2235183 Yugoslavia P-174/98 Norway 19981766 China 98115254.6 Brazil P19800655.0 South Africa 98/3345 Russia 98107571 Argentina P980101840 Czech Republic PV1169-98 Slovak Republic PV510-98 Indonesia P-980597 Belarus A19980384 USA 09/413-799 Taiwan 87106047 Australia 61988/98 Malaysia P19801772 Ukraine 97302707 New Zealand 330227 Britain 9808309.0 Hong Kong 9811365.4 Saudi Arabia 98190120 Chile 1998-745 Georgia A1997003092 India 10-110687 Korea 98-14	Priority date: 21/04/1887	Device and apparatus for the simultaneous detection of multiple analytes EP 98303019.8
2.	Canada 2245971 South Africa 98/8024 USA 09/138009 Mexico 987365 Korea 98-37499 Japan 258178/98 Australia 83046/98	Filing date: 11/09/1997	Method and apparatus for analysing an image. (Method of analysing an image to obtain an image value which is used to calculate a sample result) EP 97307053.5

			
3.	South Africa 99/6078 Canada 2283185 Norway 19994610 China 99120371.2 Brazil PI9904295.9 USA 09/397735 Russia 99120300 Taiwan 88116413 Poland P335530 Mexico 998747 Korea 99-41213 Japan 11-268584 India 1261/Del/99 Australia 48834/99 Argentina P990104771	23/09/1998	Assay Device Processing Instrument. (Defines the principal of operation of biochip analyser) EP 98307706.6
4.	USA	Filing date: 4/06/1999	Liquid Dispensing Apparatus EP99304366.0
5.	-	Filing date: 23/06/2000	Flow rate measurement via conductivity monitored in microfluidic devices. (Describes a method of monitoring flow in microfluidic devices). GB0015498.9
6.	-		Silica Diaphragm production (Describes a method using porous silica and precision grinding to produce diaphragms for use, for example in inkjet print heads) GB00155002
7.	South Africa 99/5774 Canada 228206 Australia Mexico Japan USA Korea	Priority date: 23/09/1998	Improvements relating to assay devices. (Protects assay assembly comprising a chip located in a storage well) EP99307085.3
8.	United Kingdom GB0102357-1	Filing date: 30/01/2001	Reference spot. (Defines a method of locating an array within a biochip) GB0102357.1
9.		Filing date: 23/06/2000	Silicon diaphragm production. Method of using porous silicon and precision grinding to produce diaphragms for use. GB0012200.2
10.		Filing date: 6/11/2000	Multi-analyte immunoassay. (Method of optimising the dynamic range of an assay for an analyte within a panel of assays) GB027064.5

11	Filing date: 2/01/2001	Regeant dispensing or filling apparatus and holder. (Design
		patent application on the regeant carousel used in analyser) EP01300007.0

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NI15738

CERTIFICATE OF THE REGISTRATION OF A MORTGAGE Pursuant to Article 409(3) of the Companies (Northern Ireland) Order 1986

I HEREBY CERTIFY that a Mortgage or Charge dated the twenty-third day of April Two thousand and One and created by

RANDOX LABORATORIES LIMITED

for securing all moneys now due, or hereafter to become due, or from time to time accruing due from the Company to

THE GOVERNOR AND COMPANY OF THE BANK OF IRELAND

on any account whatsoever, was this day REGISTERED pursuant to Part XIII of the Companies (Northern Ireland) Order 1986.

Given under my hand at Belfast, this tenth day of May Two thousand and One

F.Brown

for the Registrar of Companies for Northern Ireland

Certificate received by

Balle

Date 17/5/201