

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
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ETAS ID: TM648013

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT OF THE ENTIRE INTEREST AND THE GOODWILL		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
4D PHARMA RESEARCH LIMITED		04/20/2021	Private Limited Liability Company: UNITED KINGDOM
RECEIVING PARTY DATA			
Name:	4D PHARMA PLC		
Street Address:	9 BOND COURT		
City:	LEEDS		
State/Country:	UNITED KINGDOM		
Postal Code:	LS1 2JZ		
Entity Type:	Private Limited Company: UNITED KINGDOM		
PROPERTY NUMBERS Total: 7			
Property Type	Number	Word Mark	
Registration Number:	5930040	4D	
Registration Number:	6055879	4D	
Registration Number:	5859891	MRX	
Registration Number:	5899988	MICRODX	
Registration Number:	5810477	THETANIX	
Registration Number:	5743606	BLAUTIX	
Registration Number:	5478575	MICRORX	
CORRESPONDENCE DATA			
Fax Number:	6504936811		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	650-493-9300		
Email:	trademarks@wsgr.com		
Correspondent Name:	Christine Au-Yeung		
Address Line 1:	650 Page Mill Road		
Address Line 4:	Palo Alto, CALIFORNIA 94304-1050		
ATTORNEY DOCKET NUMBER:	49455.900		
DOMESTIC REPRESENTATIVE			

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Name: Christine Au-Yeung
Address Line 1: 650 Page Mill Road
Address Line 4: Palo Alto, CALIFORNIA 94304-1050

NAME OF SUBMITTER: Christine Au-Yeung

SIGNATURE: /Christine Au-Yeung/

DATE SIGNED: 05/19/2021

Total Attachments: 22
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TRADE MARK ASSIGNMENT

THIS DEED OF ASSIGNMENT ("Assignment") is made on 20 April 2021 (and takes effect from 20 April 2021 ("Effective Date")) between:

- (1) 4D PHARMA RESEARCH LIMITED, a company registered in the United Kingdom (Company No. SC336222) whose registered office address is Life Science Innovation Building, Cornhill Road, Aberdeen, AB25 2ZS, United Kingdom (also written as, Life Sciences Innovation Building, Cornhill Road, Aberdeen, AB25 2ZS, United Kingdom) (the "Assignor"); and
- (2) 4D PHARMA PLC, a company registered in the United Kingdom (Company No. 08840579) whose registered office address is 9 Bond Court, Leeds, England, LS1 2JZ, United Kingdom (the "Assignee").

INTRODUCTION:

The ASSIGNOR wishes to assign the Assigned Rights (as defined below) to the Assignee in accordance with the terms and conditions of this Assignment.

IT IS AGREED AS FOLLOWS:

1. DEFINITIONS AND INTERPRETATION

- 1.1 In this Assignment: "Assigned Rights" means the trade mark applications and registered trade marks set out in the Schedule to this Assignment.
- 1.2 In this Assignment, unless otherwise stated:
 - (a) the singular includes the plural and vice versa;
 - (b) references to Clauses and Schedules are to clauses of, and schedules to, this Assignment; and
 - (c) the titles and headings are for reference only and shall be ignored when interpreting this Assignment.

2. ASSIGNMENT

- 2.1 In consideration of €10.00 (ten euro) paid by the Assignee to the Assignor (receipt of which is now acknowledged) and with effect from the Effective Date, the Assignor now assigns to the Assignee with full title guarantee (and the Assignee hereby accepts) all of the Assignor's right title and interest in and to the Assigned Rights including:
 - (a) in relation to any registered or unregistered trade marks and any trade mark applications included in the Assigned Rights (the "Trade Marks"), all of the goodwill of the business in the goods and/or services in respect of which such Trade Marks are registered or used and all statutory and common law rights in relation to such Trade Marks;
 - (b) all seniority rights in the Trade Marks (including the national registrations from which seniority is claimed and, in the case of any expired national registrations, the residual rights remaining in the national registrations);
 - (c) all rights (now or hereafter): (i) of conversion into national trade mark applications in or attaching to the Trade Marks; and (ii) in any UK trade mark applications or registrations which, as a result of Brexit, are derived from (or otherwise based on or equivalent to) any European Union Trade Marks included in the Trade Marks;

- (d) all priority rights attaching to the Assigned Rights (including the right to claim priority therefrom); and
- (e) the right to bring, make, oppose or defend any opposition, appeal proceedings, claims or actions (and, where applicable, obtain relief (and to retain any damages recovered)) in respect of any infringement, or any other cause of action arising from ownership of any of the Assigned Rights, including any claims for passing off in relation to the any of the same, whether occurring/arising before, on or after the date of this Assignment.

3. TAXES

- 3.1 Subject to Clauses 3.2 and 3.3 below, each party is responsible for the payment of all taxes imposed on such party under applicable law as a result of or in connection with this Assignment.
- 3.2 In the event that the consideration payable to the Assignor pursuant to this Assignment is taxable by any governmental authority and taxes are required to be withheld and paid from such amounts, the Assignee will withhold and pay such taxes as appropriate and transmit to Assignor the residual amount (after deduction of the applicable taxes) and the appropriate tax receipts evidencing the payment of such taxes.
- 3.3 If VAT is chargeable in connection with the transfer of the Assigned Rights under this Assignment, the Assignee shall pay the Assignor the amount of that VAT, subject to the production of a valid VAT invoice by the Assignor.

4. FURTHER ASSURANCE

- 4.1 The Assignor agrees at the request of the Assignee that it will at all times after the date of this Assignment: (a) do all acts and execute and swear all documents as may reasonably be necessary or desirable to secure the vesting in the Assignee of all the Assigned Rights, to perfect the Assignee's (or its nominee's) title to the Assigned Rights anywhere in the world or otherwise give the Assignee the full benefit of this Assignment (including doing all acts which may be necessary or desirable to record the Assigned Rights in the name of the Assignee in all relevant jurisdictions); and (b) give to the Assignee (or its nominees) such reasonable assistance as the Assignee (or its nominees) may request in evidencing the Assignee's (or its nominee's) title to the Assigned Rights anywhere in the world and in relation to any proceedings which may be brought by or against the Assignee with respect to the Assigned Rights.
- 4.2 The Assignor hereby appoints the Assignee to be its attorney in its name and on its behalf to execute documents, use the Assignor's name and do all things which are necessary or desirable for the Assignee to obtain for itself (or its nominees) the full benefit of this Assignment. This power of attorney: (a) is irrevocable and is given by way of security to secure the performance of the Assignor's obligations under this Assignment; and (b) authorises the Assignee and the Assignee's agents to sign all such forms on behalf of the Assignor as the Assignee considers appropriate in order to record the Assigned Rights in the name of the Assignee.

5. COUNTERPARTS

This Assignment may be executed in any number of counterparts, each of which when executed shall constitute a duplicate original, but all the counterparts shall together constitute the one agreement.

6. **GOVERNING LAW AND JURISDICTION**

This Assignment and any dispute or claim arising out of or in connection with it or its subject matter shall be governed by and construed in accordance with the law of England and Wales and the parties irrevocably agree that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this Assignment or its subject matter.

This Assignment has been executed as a deed by the parties on the date of this Assignment.

[The signatures follow the Schedule]

Schedule

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	THE TANK		4D PHARMA RESEARCH LIMITED	Australia	Registered	18/05/2018	1827838	18/05/2018	1827838	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUNT		4D PHARMA RESEARCH LIMITED	Australia	Registered	04/05/2018	1924638	04/05/2018	1827438	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	NRX		4D PHARMA RESEARCH LIMITED	Australia	Registered	28/03/2018	1918412	28/03/2018	1918412	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroDx		4D PHARMA RESEARCH LIMITED	Australia	Registered	24/01/2017	1821723	24/01/2017	1821723	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Australia	Registered	24/01/2017	1821722	24/01/2017	1821722	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	Australia	Registered	24/01/2017	1821721			01, 05, 42	Class 1 - Raw proteins. Class 5 - Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42 - Scientific research and development; development in the field of live biotherapeutics as pharmaceuticals; live biotherapeutic bacteria; formulations for medical use; preparations of microorganisms for medical use; live biotherapeutics for the treatment of brain injury, central nervous system disorders, neurodegenerative disorders, cancer, gastrointestinal disorders, respiratory disorders and inflammatory and autoimmune diseases; microbiology research and development into live biotherapeutics.



Examiner Country	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	THETANK		4D PHARMA RESEARCH LIMITED	Brazil	Published	18/05/2016	914713805			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTIX		4D PHARMA RESEARCH LIMITED	Brazil	Abandoned	04/06/2016	914421068			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D & Square Logo	4D	4D PHARMA RESEARCH LIMITED	Brazil	Published	16/06/2016	914695904			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MPX		4D PHARMA RESEARCH LIMITED	Brazil	Not Filed					05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroX		4D PHARMA RESEARCH LIMITED	Brazil	Registered	26/03/2017	912692959	09/10/2018	913502659	42	Scientific research and development.
	MicroX		4D PHARMA RESEARCH LIMITED	Brazil	Published	28/03/2017	912601843			42	Scientific research and development.
	4D		4D PHARMA RESEARCH LIMITED	Brazil	Published	28/03/2017	912502690			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	Brazil	Registered	26/03/2017	912692959	09/10/2018	913502650	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D		4D PHARMA RESEARCH LIMITED	Brazil	Rejected	28/03/2017	912601206			01	Chemicals; chemicals used in the manufacture of pharmaceuticals; raw drugs.
	THETANK		4D PHARMA RESEARCH LIMITED	Canada	Pending	16/05/2018	1809658				Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTIX		4D PHARMA RESEARCH LIMITED	Canada	Pending	04/05/2018	1897441				Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designer/Country	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	4D & Square logo	4D	4D PHARMA RESEARCH LIMITED	Canada	Pending	24/06/2018	1887418				
	APX		4D PHARMA RESEARCH LIMITED	Canada	Pending	27/03/2018	1880414				Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroDi		4D PHARMA RESEARCH LIMITED	Canada	Registered	25/01/2017	1819774				Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRe		4D PHARMA RESEARCH LIMITED	Canada	Registered	26/04/2017	1819773				Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	Canada	Registered	25/01/2017	1819772				Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune


Designated Country	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
											disease; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use; Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	China	Registered	30/04/2018	1297159		1309198	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	THE TANK		4D PHARMA RESEARCH LIMITED	China	Pending	21/05/2018	31028189			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTIN		4D PHARMA RESEARCH LIMITED	China	Pending	07/05/2018	30739196			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MIRA		4D PHARMA RESEARCH LIMITED	China	Pending	30/03/2018	29939758			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D & Square logo	4D	4D PHARMA RESEARCH LIMITED	China	Abandoned/Refused	30/03/2017	23319509			42	Scientific research and development; Biological research; Bacteriological research; Pharmaceutics research.
	4D & Square logo	4D	4D PHARMA RESEARCH LIMITED	China	Abandoned/Refused	30/03/2017	23319508			05	Pharmaceutical preparations; Biological preparations for medical purposes; Bacterial preparations for medical and veterinary use; Preparations of microorganisms for medical or veterinary use; native substances for microorganisms; Chemical-pharmaceutical preparations; Chemical preparations for pharmaceutical purposes.
	4D & Square logo	4D	4D PHARMA RESEARCH LIMITED	China	Registered	30/03/2017	23319507	14/08/2018	23319507	05	Proteins for use in manufacture; Bacterial preparations other than for medical and veterinary use; Biological preparations, other than for medical or veterinary purposes; Preparations of microorganisms, other than for medical and veterinary use.


Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	4D PHARMA		4D PHARMA RESEARCH LIMITED	China	Abandoned/Refused	30/03/2017	23319500			42	Scientific research and development; Biological research; Bacteriological research; Pharmaceutical research; Scientific research and development; Biological research; Bacteriological research; Pharmacology research.
	4D PHARMA		4D PHARMA RESEARCH LIMITED	China	Abandoned/Refused	30/03/2017	23319500			09	Pharmaceutical preparations; biological preparations for medical purposes; Bacterial preparations for medical and veterinary use; Preparations of microorganisms for medical or veterinary use; Nutritive substances for microorganisms; Chemico-pharmaceutical preparations; Chemical preparations for pharmaceutical purposes.
	MicroDa		4D PHARMA RESEARCH LIMITED	China	Registered	30/03/2017	23319500	14/03/2018	23319602	42	Scientific research and development; Biological research; Bacteriological research; Pharmacology research.
	MicroPk		4D PHARMA RESEARCH LIMITED	China	Registered	30/03/2017	23319500	14/03/2018	23319500	42	Scientific research and development; Biological research; Bacteriological research; Pharmacology research.
	4D PHARMA		4D PHARMA RESEARCH LIMITED	China	Registered	30/03/2017	23319504	14/06/2018	23319504	01	Proteins for use in manufacture; Bacterial preparations other than for medical and veterinary use; Biological preparations, other than for medical or veterinary purposes; Preparations of microorganisms, other than for medical and veterinary use.
	THEYANIX		4D PHARMA RESEARCH LIMITED	European Union	Opposed	17/05/2018	017802345			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use; all of the aforesaid goods for the treatment of Crohn's disease and colitis.
	SEALPTIX		4D PHARMA RESEARCH LIMITED	European Union	Registered	02/05/2018	017804430	28/08/2018	017804430	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MRX		4D PHARMA RESEARCH LIMITED	European Union	Registered	27/05/2018	017801118	01/08/2018	017801118	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroOx		4D PHARMA RESEARCH LIMITED	European Union	Registered	18/01/2017	016257776	04/05/2017	016257776	42	Scientific research and development; microbiology research and development into live biotherapeutics.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	AD		AD PHARMA RESEARCH LIMITED	European Union	Registered	16/01/2017	016057784	15/08/2017	016207764	01,02,42	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 2: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroPa		AD PHARMA RESEARCH LIMITED	European Union	Registered	20/01/2014	012223602	27/08/2014	012300802	42	Microbiology research and development into live biotherapeutics.
	ROSBURX		AD PHARMA RESEARCH LIMITED	European Union	Registered	12/11/2013	012801974	15/04/2014	012301974	01,05	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals, as live biotherapeutics excluding vaccines and injectables; live biotherapeutic bacterial formulations for medical use.
	TREPANIX		AD PHARMA RESEARCH LIMITED	France	Registered	12/11/2013	054176838	27/08/2015	054176838	01,05	Class 1: Chemicals; chemicals for the manufacture of pharmaceutical products; protein (raw material). Class 5: Pharmaceutical as live biotherapeutics for the treatment of inflammatory diseases and autoimmune diseases; bacterial preparations for medical use live biotherapeutics.
	TREPANIX		AD PHARMA RESEARCH LIMITED	Germany	Registered	12/11/2013	0020198306823	23/07/2015	0020198306823	05	Living organisms containing biotherapeutics for the treatment of inflammatory and autoimmune diseases; Containing formulations on the basis of bacteria living organisms biotherapeutics for medical purposes. Translated by Google
	TREPANIX		AD PHARMA RESEARCH LIMITED	Hong Kong	Registered	16/05/2018	004631815	18/05/2018	004631815	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.


Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	4D & Square logo		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	04/05/2018	304516238			01, 02	Class 1: Chemicals, chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 02: Scientific research and development; microbiology research and development into live biotherapeutics.
	BLANTIX		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	04/05/2018	304516174	04/05/2018	304516174	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D & Square logo		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	04/05/2018	304516168			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MRX		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	28/03/2018	304473476			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MiroDa		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	24/01/2017	304030569	24/01/2017	304030588	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MiroRx		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	24/01/2017	304030690	24/01/2017	304030689	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	Hong Kong	Registered	24/01/2017	304030941	24/01/2017	304030941	01, 02, 42	Class 1 - Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5 - Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammation and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42 - Scientific research and development; microbiology research and development into live biotherapeutics; some of the aforementioned services relating to or involving four-dimensional technologies.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	INISTANX		AD PHARMA RESEARCH LIMITED	India	Registered	18/03/2018	4637028			02	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTIX		AD PHARMA RESEARCH LIMITED	India	Registered	04/05/2018	5924242			04	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MAX		AD PHARMA RESEARCH LIMITED	India	Registered	26/03/2018	4730934			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	AD		AD PHARMA RESEARCH LIMITED	India	Registered	24/01/2017	3465778	27/11/2017	3465778	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	AD		AD PHARMA RESEARCH LIMITED	India	Registered	24/01/2017	3465779			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroDz		AD PHARMA RESEARCH LIMITED	India	Registered	24/01/2017	3465781	08/04/2018	3465781	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRe		AD PHARMA RESEARCH LIMITED	India	Refused	24/01/2017	3465783			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	AD		AD PHARMA RESEARCH LIMITED	India	Registered	24/01/2017	3465777			01	Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins.
	PHETANX		AD PHARMA RESEARCH LIMITED	Italy	Registered	12/11/2015	30261800036197	12/01/2018	30261800036197	01, 05	Class 1 Chemicals; chemicals for the manufacture of pharmaceutical products; protein (raw material); Class 5 Pharmaceutical as live biotherapeutics for the treatment of inflammatory diseases and autoimmune diseases; bacterial preparations for medical use live biotherapeutics.
	PHETANZ		AD PHARMA RESEARCH LIMITED	Japan	Registered	16/05/2018	2018-084987	01/05/2019	0126099	04	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTX		AD PHARMA RESEARCH LIMITED	Japan	Registered	09/05/2018	2018-080228	01/05/2019	0126098	04	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	MRX		4D PHARMA RESEARCH LIMITED	Japan	Registered	28/03/2018	2018-038806	13/12/2018	6205725	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics; bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D & Square logo		4D PHARMA RESEARCH LIMITED	Japan	Registered	18/03/2017	2017-034847	02/11/2017	6009695	01, 03, 42	Class 1: Chemicals, chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals; biological pharmaceuticals containing live microorganisms; biological pharmaceuticals containing live microorganisms for the treatment of inflammatory and autoimmune diseases; bacterial formulations containing live microorganisms for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development, microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Japan	Registered	28/01/2017	2017-008820	01/08/2017	5877631	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Japan	Registered	28/01/2017	2017-008818	01/08/2017	5877629	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D PHARMA		4D PHARMA RESEARCH LIMITED	Japan	Registered	18/03/2017	2017-034848	22/12/2017	6005694	01, 03, 42	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacteria; formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development, microbiology research and development into live biotherapeutics.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
Armenia Azerbaijan Bahrain Belarus Cuba Czechia Denmark Ecuador Egypt France Germany Ghana Guatemala Honduras Hungary India Indonesia Israel Italy Japan Jordan Kazakhstan Kenya Kuwait Kyrgyzstan Laos Lithuania Luxembourg Madagascar Malawi Malaysia Maldives Mali Mauritius Mexico Moldova Mongolia Morocco Mozambique Myanmar Nepal Netherlands New Zealand Nicaragua Norway Oman Pakistan Panama Paraguay Peru Philippines Poland Portugal Romania Rwanda Sri Lanka Sudan Switzerland Tajikistan Tanzania Thailand Timor-Leste Turkey Ukraine United Kingdom United States Uruguay Uzbekistan Vietnam Yemen Zambia Zimbabwe	4D & Square logo		4D PHARMA RESEARCH LIMITED	Madrid Protocol (TM)	Pending	01/11/2018				05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
Albania Armenia Azerbaijan Bahrain Belarus Cuba Czechia Denmark Ecuador Egypt France Germany Ghana Guatemala Honduras Hungary India Indonesia Israel Italy Japan Jordan Kazakhstan Kenya Kuwait Kyrgyzstan Laos Lithuania Luxembourg Madagascar Malawi Malaysia Maldives Mali Mauritius Mexico Moldova Mongolia Morocco Mozambique Myanmar Nepal Netherlands New Zealand Nicaragua Norway Oman Pakistan Panama Paraguay Peru Philippines Poland Portugal Romania Rwanda Sri Lanka Sudan Switzerland Tajikistan Tanzania Thailand Timor-Leste Turkey Ukraine United Kingdom United States Uruguay Uzbekistan Vietnam Yemen Zambia Zimbabwe	4D		4D PHARMA RESEARCH LIMITED	Madrid Protocol (TM)	Registered	01/09/2018	1411804	01/05/2018	1411804	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D		4D PHARMA RESEARCH LIMITED	Malaysia	Pending	02/08/2018	2018050230			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D		4D PHARMA RESEARCH LIMITED	Morocco	Registered	01/09/2018	1411804	01/05/2018	1411804	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D		4D PHARMA RESEARCH LIMITED	New Zealand	Registered	01/09/2018	1097472	01/05/2018	1097472	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	MicroDx		4D PHARMA RESEARCH LIMITED	Norway	Pending	18/05/2018	201806746			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Norway	Pending	18/05/2018	201806744			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	THEYANIX		4D PHARMA RESEARCH LIMITED	Norway	Registered	18/05/2018	201806555	04/10/2018	330461	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	GLAUTIX		4D PHARMA RESEARCH LIMITED	Norway	Pending	18/05/2018	201806748			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MRIX		4D PHARMA RESEARCH LIMITED	Norway	Pending	18/05/2018	201806747			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroDx		4D PHARMA RESEARCH LIMITED	Republic of Korea	Registered	19/05/2018	40-2018-0087941			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Republic of Korea	Registered	18/05/2018	40-2018-0087028			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	THEYANIX		4D PHARMA RESEARCH LIMITED	Republic of Korea	Registered	18/05/2018	40-2018-0067653			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	GLAUTIX		4D PHARMA RESEARCH LIMITED	Republic of Korea	Registered	04/05/2018	40-2018-0080859			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MRIX		4D PHARMA RESEARCH LIMITED	Republic of Korea	Registered	28/03/2018	40-2018-0041150	22/11/2018	40-1419234	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	THEYANIX		4D PHARMA RESEARCH LIMITED	Russian Federation	Registered	28/05/2018	2018721948	03/01/2019	894889	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	GLAUTIX		4D PHARMA RESEARCH LIMITED	Russian Federation	Registered	04/05/2018	2018719295	13/01/2019	982027	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	MPX		4D PHARMA RESEARCH LIMITED	Russian Federation	Refused	28/03/2018	2018712253			09	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D & Square logo		4D PHARMA RESEARCH LIMITED	Russian Federation	Registered	04/04/2017	2017712869	10/09/2018	670983	01, 05, 42	Class 1: Chemicals used in the manufacture of pharmaceuticals; new proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroDx		4D PHARMA RESEARCH LIMITED	Russian Federation	Registered	31/01/2017	2017703083	18/12/2017	639439	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Russian Federation	Registered	31/01/2017	2017703084	18/12/2017	639439	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D PHARMA		4D PHARMA RESEARCH LIMITED	Russian Federation	Registered	04/04/2017	2017712864		773321	01, 05, 42	Class 1: Chemicals used in the manufacture of pharmaceuticals; new proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development; microbiology research and development into live biotherapeutics. (Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; new proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
											bacterial formulations for medical use; preparations of microorganisms for medical use.
	4D		4D PHARMA RESEARCH LIMITED	Singapore	Registered	04/05/2018	1411504			01	Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	South Africa	Registered	02/05/2018		2018/12599		05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	THETANK		4D PHARMA RESEARCH LIMITED	Spain	Registered	22/03/2015	M3559078	08/10/2015	M3559078	01, 05	Class 5: Pharmaceutical preparations LIVING WITH BIOLOGICAL PRODUCTS FOR THERAPEUTIC treatment of autoimmune and inflammatory diseases; THERAPEUTIC FORMULATIONS OF BACTERIAL BIOLOGICAL PRODUCTS LIVING FOR MEDICAL CHEMICALS Class 1: Character used in the manufacture of Pharmaceutical product: protein (Raw Material). Translated by Google.
	MicroRx		4D PHARMA RESEARCH LIMITED	Switzerland	Registered	18/05/2018	734542018	16/10/2018	732505	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRx		4D PHARMA RESEARCH LIMITED	Switzerland	Registered	18/05/2018	734532018	16/10/2018	722498	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	TRETTANIX		4D PHARMA RESEARCH LIMITED	Switzerland	Registered	18/05/2018	734522018		724159	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTIK		4D PHARMA RESEARCH LIMITED	Switzerland	Registered	17/05/2018	734512018		724170	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MPX		4D PHARMA RESEARCH LIMITED	Switzerland	Registered	17/05/2018	734292018	26/04/2018	730117	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Applicant Number	Registration Date	Registration Number	Class	Goods/Services
	NO & Square logo	4D	4D PHARMA RESEARCH LIMITED	Taiwan	Refused	04/05/2018	107027658			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	MicroDx		4D PHARMA RESEARCH LIMITED	Taiwan	Registered	24/01/2017	106004786	16/08/2017	01802262	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRa		4D PHARMA RESEARCH LIMITED	Taiwan	Registered	24/01/2017	106004794	16/08/2017	01802261	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	Taiwan	Abandoned/Refused	24/01/2017	106004783			01, 05, 42	Class 1 - industrial chemicals, chemicals for science, chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5 - Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial preparations for medical use; preparations of microorganisms for medical use. Class 42 - Scientific research and development; microbiology research and development into live biotherapeutics.
	THETA/IX		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	17/05/2018	3311602	17/08/2018	3311602	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BETA/IX		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	02/05/2018	3308262	27/07/2018	3308262	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	NO & Square logo	4D	4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	01/05/2018	3307882	27/07/2018	3307882	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	SPX		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	27/03/2018	3296046	28/09/2018	3296046	01	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	TRANSBIONE		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	10/10/2017	3282420	08/01/2018	3282420	01, 05, 42	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	TRANSBIOTIC S		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	16/10/2017	3282419	08/01/2018	3282419	01, 05, 42	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	TRANSBIOTIC S		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	10/10/2017	3282417	08/01/2018	3282417	01, 05, 42	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Countries	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
											Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroDr		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	18/01/2017	3207182	07/04/2017	3207182	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRe		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	18/01/2017	3207188	07/04/2017	3207188	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	4D		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	18/01/2017	3207394	16/06/2017	3207394	01, 05, 42	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 42: Scientific research and development; microbiology research and development into live biotherapeutics.
	THETANIX		4D PHARMA RESEARCH LIMITED	United Kingdom	Registered	12/11/2013	3101576	03/07/2015	3101576	01, 05	Class 1: Chemicals; chemicals used in the manufacture of pharmaceuticals; raw proteins. Class 5: Pharmaceuticals as live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use.
	4D		4D PHARMA RESEARCH LIMITED	United States of America	Registered	18/08/2015	2812088		7820040	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutics for the treatment of inflammatory and autoimmune diseases; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	THETANIX		4D PHARMA RESEARCH LIMITED	United States of America	Registered	25/05/2015	37648118		3815477	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.
	BLAUTIX		4D PHARMA RESEARCH LIMITED	United States of America	Registered	25/05/2015	37949110		3743605	05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use.

Designated Country	Title	Trade Mark	Applicant	Country	Status	Application Date	Application Number	Registration Date	Registration Number	Class	Goods/Services
	MAX		AD PHARMA RESEARCH LIMITED	United States of America	Abandoned	03/04/2018	87901798			05	Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 5: Pharmaceuticals; pharmaceuticals as live biotherapeutics; live biotherapeutic bacterial formulations for medical use; preparations of microorganisms for medical use. Class 10: Medical devices for measuring and diagnosing vision impairment, eye disease and epithelial health; medical devices for testing eyesight.
	MAX		AD PHARMA RESEARCH LIMITED	United States of America			87895164	17/09/2019	8899881		
	MicroDr		AD PHARMA RESEARCH LIMITED	United States of America	Registered	05/04/2017	87588262			42	Scientific research and development; microbiology research and development into live biotherapeutics.
	MicroRe		AD PHARMA RESEARCH LIMITED	United States of America	Registered	06/04/2017	87988272	25/03/2018	8479576	42	Scientific research and development; microbiology research and development into live biotherapeutics.
	AD		AD PHARMA RESEARCH LIMITED	United States of America	Registered	05/04/2017	87999251			42	

EXECUTED as a deed by 4D PHARMA RESEARCH LIMITED acting through a director:

EXECUTED as a deed by 4D PHARMA PLC acting through a director:

Signature: [Signature]

Signature: [Signature]

Name: Alexander Stevenson

Name: Alexander Stevenson

Job Title: Director

Job Title: Director

Date: 20 April 2021

Date: 20 April 2021

Place of signature: Leeds, United Kingdom

Place of signature: Leeds, United Kingdom

in the presence of:

in the presence of:

Witness 1:

Witness 1:

Signature: [Signature]

Signature: [Signature]

Job Title: P.A.

Job Title: P.A.

Name (IN BLOCK CAPITALS): SARAH PATENAN

Name (IN BLOCK CAPITALS): SARAH PATENAN

Address (IN BLOCK CAPITALS): 25 GRANFELD AVE
BURLY, LS29 7HA

Address (IN BLOCK CAPITALS): 25 GRANFELD AVE
BURLY, LS29 7HA

Witness 2:

Witness 2:

Signature: [Signature]

Signature: [Signature]

Job Title: POD

Job Title: POD

Name (IN BLOCK CAPITALS): LOUISE MARKINSON

Name (IN BLOCK CAPITALS): LOUISE MARKINSON

Address (IN BLOCK CAPITALS): 15, HAWTHORNE DR.
GILDERSOME LS27 7YJ

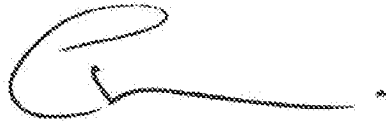
Address (IN BLOCK CAPITALS): 15 HAWTHORNE DR.
GILDERSOME LS27 7YJ

In the presence of a Notary Public who hereby certifies the identity of the above signatory and that the above signatory is authorised to execute this Assignment alone and on behalf of 4D

In the presence of a Notary Public who hereby certifies the identity of the above signatory and that the above signatory is authorised to execute this Assignment alone and on behalf of

PHARMA RESEARCH LIMITED in order to legally bind 4D PHARMA RESEARCH LIMITED.

4D PHARMA PLC in order to legally bind 4D PHARMA PLC.



And legalised:

20/4/2021



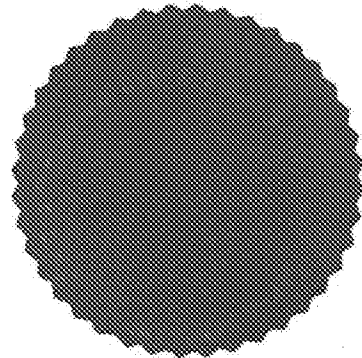
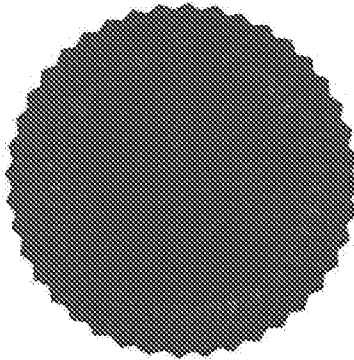
And legalised:

20/4/2021

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This document of 22 pages is a true and complete copy of the original document

ADICER
 notary MSc C 20/4/2021

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