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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Zita Mendez | 09/25/2009 |
| Jose Rafael Antunes | 09/25/2009 |
| Susana Marto | 09/25/2009 |
| William Heggie | 09/25/2009 |

RECEIVING PARTY DATA

| Name: | Hovione Inter Limited |
|-----------------|-----------------------|
| Street Address: | Bahnhofstrasse 21 |
| City: | CH-6000 Lucerne 7 |
| State/Country: | SWITZERLAND |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12528209 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 1-51190 |
|-------------------------|---------|
| | |

NAME OF SUBMITTER: Catherine B. Martineau

Total Attachments: 3

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501006582 PATENT REEL: 023470 FRAME: 0415

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PATENT REEL: 023470 FRAME: 0416 WHEREAS either I or we,

Zita Mendes, Av. de Roma, No. 5, 5° DTO, P-1000-206, Lisbon, Portugal, Jose Rafael Antunes, Rua Oscar Pacheco, No 11, 3° Esq, P-2900-524 Setubal, Portugal, Susana Marto, Rua Herminio Nascimento, No 3, 4° B, P-2825-334, Costa da Caparica, Portugal, and William Heggie, Rua Joao Antionio Moinho, 43 Cabanas, P-2950-656 Palmela, Portugal

have made certain inventions in a

CRYSTALLINE MINOCYCLINE BASE AND PROCESSES FOR ITS PREPARATION

which was filed on August 21, 2009, as U.S. Application No. 12/528,209, which claims priority from PCT/GB08/000625, filed February 22, 2008, and from Portugal, 103661, filed on February 23, 2007.

WHEREAS, Hovione Inter Limited, of Bahnhofstrasse 21, CH-6000 Lucerne 7, Switzerland, organized and operating in the country of Switzerland, herein called "ASSIGNEE", is desirous of acquiring our entire right, title, and interest in said invention and application therefor, and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable considerations, the receipt of which is hereby acknowledged, I / we have sold, assigned, and transferred, and by these presents do-hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said Inventions, including the right to claim priority to said Inventions; (b) in and to all rights to all United States and corresponding non-United States patent applications and Patent(s), including those filed under the Paris Convention for the Protection of Industrial Property, The Patent Cooperation Treaty or otherwise; (c) in and to any and all applications filed and any and all Patent(s) granted on said Inventions in the United States, in any foreign country, or under any international convention, agreement, protocol, or treaty, including each and every application filed and any and all Patent(s) granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said Application(s); and (d) in and to each and every reissue, reexamination, or extensions of any of said Patent(s).

And I / we further covenant and agree that I / we will, at the request and expense of the said Assignee, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that I / we will, at the request and expense of the said Assignee, execute such application papers as may be desired by the said Assignee for the filing of any division or renewal of the application herein conveyed, or for the reissues or extensions of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Assignee.

And I / we further assign unto the said Assignee our whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Assignee to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said assignee, as well as all other necessary papers.

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ASSIGNMENT

Attorney Docket No. 1-51190

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ASSIGNMENT

Attorney Docket No. 1-51190

| IN TESTIMONY WHEREOF I have here | eunto set my hand and affixed my seal at |
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| (city), | (state), this 25 day of September 2009. |
| | Susana Marto |
| STATE OF | |
| COUNTY OF ;ss | |
| This day of, 200_, b personally appeared person described in and who executed the voluntary act and deed, and that he executed the person described in an and who executed the person described in an and who executed the person described in an an an area of the person described in a person described | pefore me, a Notary Public in and for the County aforesaid,, personally known to me and known to be the reforegoing assignment and acknowledged the same to be his ted the same for the uses and purposes therein set forth. |
| | Notary Public |
| IN TESTIMONY WHEREOF I have here | eunto set my hand and affixed my seal at (state), this $_{25}$ day of $_{5eptembe=2009}$. |
| | William Heggio |
| STATE OF | |
| This day of, 200, I personally appeared | before me, a Notary Public in and for the County aforesaid, , personally known to me and known to be the e foregoing assignment and acknowledged the same to be his sted the same for the uses and purposes therein set forth. |
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| • | Notary Public |

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PATENT

REEL: 023470 FRAME: 0419