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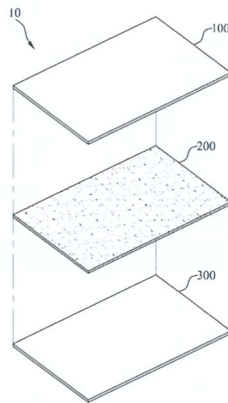
(54) 발명의 명칭 모기 독성 치료용 국소 패치 제제

(57) 요약

본 발명은 모기 독성 치료용 국소 패치 제제에 관한 것으로서, 보다 구체적으로는 이면시트(100); 및 이면시트(100)의 저면에 적층 부착되어 열을 발생시키는 발열성 조성물을 포함하는 접착성 발열체(200)를 포함하는 것을 그 구성상의 특징으로 한다.

본 발명에서 제안하고 있는 모기 독성 치료용 국소 패치 제제에 따르면, 이면시트(100) 및 이면시트(100)의 저면에 적층 부착되어 열을 발생시키는 발열성 조성물이 혼합된 접착성 발열체(200)를 포함함으로써, 화학물질이나 약품 없이, 오직 열만을 이용하여 침투된 모기 독성을 분해하여 가려움증과 붓기를 즉시 가라앉힐 수 있다.

대표도 - 도1





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U.S. APPLICATION NUMBER NO.	FIRST NAMED INVENTOR	ATTY. DOCKET NO.
14/358,976	Hae Eun Lim	033075-081660-US

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INTERNATIONAL APPLICATION NO.	
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CONFIRMATION NO. 4747  
371 ACCEPTANCE LETTER



Date Mailed: 07/14/2014

**NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495**

The applicant is hereby advised that the United States Patent and Trademark Office, in its capacity as a Designated / Elected Office (37 CFR 1.495), has ACCEPTED the above identified international application for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above. A Filing Receipt will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE or 371(c) DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1) and (c)(2) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN BELOW.** The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363)

05/16/2014  
DATE OF RECEIPT OF 35 U.S.C.  
371(c)(1) and (c)(2) REQUIREMENTS

The following items have been received:

- Indication of Small Entity Status
- Copy of the International Application filed on 05/16/2014
- English Translation of the IA filed on 05/16/2014
- Copy of the International Search Report filed on 05/16/2014
- Preliminary Amendments filed on 05/16/2014
- Information Disclosure Statements filed on 05/16/2014
- Inventor's Oath or Declaration filed on 06/03/2014
- Request for Immediate Examination filed on 05/16/2014
- U.S. Basic National Fees filed on 05/16/2014
- Priority Documents filed on 05/16/2014
- Power of Attorney filed on 06/03/2014
- Application Data Sheet (37 CFR 1.76) filed on 05/16/2014



## Acknowledgement of receipt

We hereby acknowledge receipt of the form for entry into the European phase (EPO as designated or elected Office) as follows:

Submission number	2827773	
PCT application number	PCT/KR2012/009804	
EP application number	12850012.1	
Date of receipt	17 June 2014	
Receiving Office	European Patent Office, The Hague	
Your reference	L84774PCTEP	
Applicant		
Country		
Documents submitted	package-data.xml application-body.xml SPECTRANEPO-1.pdf\SKMBT_C360 14061710320.pdf (18 p.)	ep-euro-pct.xml epf1200.pdf (5 p.)
Submitted by	CN=Thomas Leske 7440	
Method of submission	Online	
Date and time receipt generated	17 June 2014, 13:08 (CEST)	
Message Digest	FD:A2:7F:E0:F4:54:8F:5E:3C:67:DA:6D:1A:32:2F:18:3E:87:4B:74	

### Correction by the EPO of errors in debit instructions filed by eOLF

Errors in debit instructions filed by eOLF that are caused by the editing of Form 1038E entries or the continued use of outdated software (all forms) may be corrected automatically by the EPO, leaving the payment date unchanged (see decision T 152/82,

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June 17, 2014

To,  
MOON & MOON International  
608, Samseong-ro, Gangnam-gu  
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Seoul, 135-870, Korea

Kind attn.: Doo-Hyun Moon, Esq.

Reference: Indian Patent Application No. **1229/MUMNP/2014**

Title: TOPICAL PATCH PREPARATION FOR TREATMENT OF TOXICITY OF MOSQUITOES

Applicant: LIM, Hae Eun

Your Ref: FP2014-102-05/IN

Dear Doo-Hyun Moon, Esq.,

With reference to the above stated Indian Patent Application; please fill up following table and send us back to enable us to file updated FORM-3.

Name of Country	Date of Application	Application No.	Status of Application	Date of Publication	Date of Grant

We have to state that we have to make the list up to date of foreign patent applications up to the grant of this application and keep sending us if there is any updates in the patent application filed in the foreign countries of the said application. Please do needful in the matter.

Thanking you,

Sincerely yours,  
For, Law office of  
H K ACHARYA & COMPANY

International Division



**FORM 2**  
**THE PATENTS ACT 1970**  
**(39 of 1970)**  
**&**  
**The Patents Rules, 2003**  
**COMPLETE SPECIFICATION**  
**(See section 10 and rule 13)**

**1. ' TOPICAL PATCH PREPARATION FOR TREATMENT OF TOXICITY OF MOSQUITOES '**

**2.**

- 1. (A) LIM, Hae Eun**  
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**(C) 313-303 Haneulmaeul, Nonhyeon-dong Namdong-gu Incheon 405-300, Republic of Korea**

The following specification particularly describes the invention and the manner in which it is to be performed.

OFFICIAL FILING RECEIPT

May 14, 2014  
THE COMMISSIONER OF  
THE PATENT OFFICE

Attorney Registration Number: 100105957  
Name: Makoto ONDA

We have received the following application:

1-4. (omitted)

5. Classification: National Form Paper  
Your Reference Number: PF 10887  
Our Reference Number: 51401015622  
Filing Date: May 14, 2014  
Identification of the Case: PCT/KR2012/009804

6. (omitted)

[Title of the Document] National Form Paper

[Reference Number of Agent] PF 10887

[Filing Date] May 14, 2014

[To] The Commissioner of the Patent Office

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(International Filing Number) PCT/KR2012/009804

(Classification) Patent

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(Attorney Registration Number) 100068755

## 国际申请进入中国国家阶段声明（发明）

请按照“注意事项”正确填写本表各栏

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⑤ 专利代理机构案卷号		PX20140070		① 国家申请号		
⑥ 国际申请号		PCT/KR2012/009804				
⑦ 国际申请日		2012-11-19		② 递交日		
⑧ 优先权日		2011-11-17				
⑨ 国际公布号		W02013/073926		③ 费减审批		
⑩ 国际公布日		2013-05-23				
⑪ 国际公布语言		韩语		④ 挂号号码		
⑫ 发明名称		用于治疗蚊虫毒性的局部贴剂				
⑬ 发明人		发明人 1	林惠银	<input type="checkbox"/> 不公布姓名		
		发明人 2		<input type="checkbox"/> 不公布姓名		
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		市县				
		详细地址 韩国仁川广域市南洞区				
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