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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/469,854	05/17/2016	9339507	080618-1156	9171

22428 7590 04/27/2016
Foley & Lardner LLP
3000 K STREET N.W.
SUITE 600
WASHINGTON, DC 20007-5109

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 301 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

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Receipt date: 05/11/2012

PTO/SB/08 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Unassigned
		Filing Date	5/11/2012
Date Submitted: May 11, 2012 <i>(use as many sheets as necessary)</i>		First Named Inventor	Horst OLSCHIEWSKI
		Art Unit	Unassigned
Sheet 1 of 5		Examiner Name	Unassigned
		Attorney Docket Number	080618-1156

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	2004/0105819 A1	06/03/2004	Hale et al.	
	A2	2004/0265238 A1	12/30/2004	Chaudry, Imtiaz	
	A3	4,281,113 A	07/28/1981	Axen et al.	
	A4	4,306,075	12/15/1981	Aristoff	
	A5	4,306,076 A	12/15/1981	Nelson, Norman A.	
	A6	4,349,689 A	09/14/1982	Aristoff, Paul A.	
	A7	4,486,598 A	12/04/1984	Aristoff, Paul A.	
	A8	4,668,814 A	05/26/1987	Aristoff, Paul A.	
	A9	4,683,330 A	07/28/1987	Aristoff, Paul A.	
	A10	4,692,464 A	09/08/1987	Skuballa et al.	
	A11	4,708,963 A	11/24/1987	Skuballa et al.	
	A12	5,153,222	10/06/1992	Tadepalli et al.	
	A13	5,234,953 A	08/10/1993	Crow et al.	
	A14	6,357,671	03/19/2002	Cewers, Goran	
	A15	6,521,212 B1	02/18/2003	GILLES et al. Cloutier et al.	
	A16	6,756,033	06/29/2004	Cloutier et al.	
	A17	7,417,070 B2	08/26/2008	Phares et al.	
	A18	7,544,713 B2	06/09/2009	Phares et al.	

Change(s) applied to document, /C.M./ 4/13/2012

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
	A19	AU1999959533 B2	02/03/2000	Toray Industries, Inc.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			
			A20	Abe et al., "Effects of inhaled prostacyclin analogue on chronic hypoxic pulmonary hypertension," J. Cardiovascular Pharmacology, 2001, 37, 239-251.	

Examiner Signature	/Sara E. Townsley/	Date Considered	09/30/2012
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 001.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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4815-2605-7231.1 ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.E.T.



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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
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_____ (Depositor's name)
_____ (Signature)
_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/469,854	05/11/2012	Horst Olschewski	080618-1156	9171

TITLE OF INVENTION: TREPROSTINIL ADMINISTRATION BY INHALATION

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$960	\$0	\$0	\$960	07/08/2016

EXAMINER	ART UNIT	CLASS-SUBCLASS
TOWNSLEY, SARA ELIZABETH	1629	514-569000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a **Customer Number is required.**

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1 Foley & Lardner LLP

2 _____

3 _____

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(B) RESIDENCE: (CITY and STATE OR COUNTRY)

United Therapeutics Corporation

Silver Spring, MD

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

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- Applicant changing to regular undiscounted fee status.

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Authorized Signature /Stephen B. Maebius/

Date April 14, 2016

Typed or printed name Stephen B. Maebius

Registration No. 35,264

Electronic Patent Application Fee Transmittal

Application Number:	13469854			
Filing Date:	11-May-2012			
Title of Invention:	TREPROSTINIL ADMINISTRATION BY INHALATION			
First Named Inventor/Applicant Name:	Horst Olschewski			
Filer:	Stephen Bradford Maebius			
Attorney Docket Number:	080618-1156			
Filed as Large Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl Issue Fee	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				960

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