

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	12/664,172
				Filing Date	December 11, 2009
				First Named Inventor	James Klein Leonard
				Art Unit	(not yet known)
				Examiner Name	(not yet known)
Sheet	1	of	3	Attorney Docket Number	UF.572XC1

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)				
/M.C./	U1	US-2005-0265925		12-01-2005	Zalipsky <i>et al.</i>	All
/M.C./	U2	US-5,110,885		05-05-1992	Wagener <i>et al.</i>	All
/M.C./	U3	US-5,290,895		03-01-1994	Wagener <i>et al.</i>	All
/M.C./	U4	US-5,539,060		07-23-1996	Tsunogae <i>et al.</i>	All
/M.C./	U5	US-6,107,237		08-22-2000	Wagener <i>et al.</i>	All
/M.C./	U6	US-6,660,813		12-09-2003	Wagener <i>et al.</i>	All
/M.C./	U7	US-6,680,051		01-20-2004	Wagener <i>et al.</i>	All
/M.C./	U8	US-7,172,755		02-06-2007	Wagener <i>et al.</i>	All

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)					
/M.C./	F1	KR10-2002-0041712		06-03-2002	Korea Advanced Institute of Science and Technology	All	
/M.C./	F2	EP-1421938		05-26-2004	Maeda <i>et al.</i>	All	
/M.C./	F3	EP-0745390		12-04-1996	Bristol-Myers Squibb Company	All	
/M.C./	F4	WO 93-20111		10-14-1993	E.I. Du Pont De Nemours and Company/California Institute of Technology	All	
/M.C./	F5	WO 96-04289		02-15-1996	California Institute of Technology	All	

Examiner Signature	/Michael Cohen/	Date Considered	03/22/2012
-----------------------	-----------------	--------------------	------------

*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 Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard T.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.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	12/664,172
			Filing Date	December 11, 2009
(use as many sheets as necessary)			First Named Inventor	James Klein Leonard
			Group Art Unit	(not yet known)
Sheet 2 of 3			Examiner Name	(not yet known)
			Attorney Docket Number	UF.572XC1

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.	T ²
/M.C./	R1	BRÜMMER, O. <i>et al.</i> , "Olefin Cross-Metathesis with Monosubstituted Olefins," <i>Chem. Eur. J.</i> , 1997, pp. 441-446, Vol. 3, No. 3.	
/M.C./	R2	DUNCAN, R., "Polymer therapeutics for tumour specific delivery," <i>Chemistry and Industry</i> , April 7, 1997, pp. 262-264, Vol. 7.	
/M.C./	R3	LINDMARK-HAMBERG, M. <i>et al.</i> , "Acyclic Metathesis Polymerization. The Olefin Metathesis Reaction of 1,5 Hexadiene and 1,9-Decadiene," <i>Macromolecules</i> , 1987, pp. 2949-2951, Vol. 20.	
/M.C./	R4	MCLAIN, S.J. <i>et al.</i> , "New Routes To Ester and Acid Functionalized Polyethylene," <i>Proceedings PMSE</i> , 1997, pp. 246-247, Vol. 76.	
/M.C./	R5	O'DONNELL, P.M. <i>et al.</i> , "'Perfect Comb' ADMET Graft Copolymers" <i>Macromolecules</i> , August 31, 2001, pp. 6845-6849, Vol. 34, No. 20.	
/M.C./	R6	SCHOLL, M. <i>et al.</i> , "Synthesis and Activity of a New Generation of Ruthenium-Based Olefin Metathesis Catalysts Coordinated with 1,3-Dimesityl-4,5-dihydroimidazol-2-ylidene Ligands," <i>Organic Letters</i> , 1999, pp. 953-956, Vol. 1, No. 6.	
/M.C./	R7	SCHWAB, P. <i>et al.</i> , "Synthesis and Applications of RuCl ₂ (=CHR')(PR ₃) ₂ : The Influence of the Alkylidene Moiety on Metathesis Activity," <i>J. Am. Chem. Soc.</i> , 1996, pp.100-110, Vol. 118.	
/M.C./	R8	SMITH, J.A., <i>et al.</i> , "Precisely Controlled Methyl Branching in Polyethylene via Acyclic Diene Metathesis (ADMET) Polymerization," <i>Macromolecules</i> , 2000, pp. 3781-3794, Vol. 33.	
/M.C./	R9	STUMPF, A.W. <i>et al.</i> , "Ruthenium-based Catalysts for the Ring Opening Metathesis Polymerisation of Low-strain Cyclic Olefins and of Functionalised Derivatives of Norbornene and Cyclooctene," <i>J. Chem. Soc., Chem. Commun.</i> , 1995, pp. 1127-1128.	
/M.C./	R10	VALENTI, D.J. <i>et al.</i> , "Direct Synthesis of Well-Defined Alcohol-Functionalized Polymers via Acyclic Diene Metathesis (ADMET) Polymerization," <i>Macromolecules</i> , 1998, pp. 2754-2773, Vol. 31.	
/M.C./	R11	WAGENER, K.B. <i>et al.</i> , "ADMET Modeling of Branching in Polyethylene. The Effect of a Perfectly-Spaced Methyl Group," <i>Macromolecules</i> , 1997, pp. 6688-6690, Vol. 30.	
/M.C./	R12	WAGENER, K.B. <i>et al.</i> , "Acyclic Diene Metathesis Copolymerization of 1,5-Hexadiene and 1,9-Decadiene," <i>Macromolecules</i> , 1990, pp. 5155-5157, Vol. 23.	
/M.C./	R13	WATSON, M.D. <i>et al.</i> , "Tandem Homogenous Metathesis/Heterogeneous Hydrogenation: Preparing Model Ethylene/CO ₂ and Ethylene/CO Copolymers," <i>Macromolecules</i> , 2000, pp. 3196-3201, Vol. 33.	
/M.C./	R14	WATSON, M.D. <i>et al.</i> , "Ethylene/Vinyl Acetate Copolymers via Acyclic Diene Metathesis Polymerization. Examining the Effect of 'Long' Precise Ethylene Run Lengths," <i>Macromolecules</i> , 2000, pp. 5411-5417, Vol. 33.	

Examiner Signature	/Michael Cohen/	Date Considered	03/22/2012
--------------------	-----------------	-----------------	------------

*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 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 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:

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
			Application Number	12/664,172
Sheet			3	
			of	
			3	
			Attorney Docket Number	UF.572XC1

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.	T ²
/M.C./	R15	WATSON, M.D. <i>et al.</i> , "Functionalized Polyethylene via Acyclic Diene Metathesis Polymerization: Effect of Precise Placement of Functional Groups," <i>Macromolecules</i> , 2000, pp. 8963-8970, Vol. 33.	
	R16		
	R17		
	R18		
	R19		
	R20		
	R21		
	R22		
	R23		
	R24		
	R25		
	R26		
	R27		
	R28		

Examiner Signature	/Michael Cohen/	Date Considered	03/22/2012
-----------------------	-----------------	--------------------	------------

*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 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 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.