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A/D 581.40			Atty	v. Dkt. No. 074129-0578	
	-09-2009			PARTMENT OF COMMERCE	
(Rev 6-93)		ER SHEET		Patent and Trademark Office	
		Υ	12/	309082	
To the Director of the United State. 10	03542888	I the attached orig	ginal docun	nents or copies thereof.	
Name of conveying party(ies):	2. Nam	e and address of re	ceiving pa	arty(ies):	
Taichi SENDA Hidenori HANAOKA	27 <sup>-</sup> Ch	mitomo Chemica -1, Shinkawa 2-cl uo-ku, Tokyo 4-8260 Japan		any, Limited	
Additional conveying party(ies)  NO  Nature of conveyance:  ASSIGNMENT  Execution Date:  November 18 and 20, 2008	Addition	nal name(s) & addre	ess(es) atta	ached? <b>NO</b>	
Application number(s) or patent number(s):			<u></u>		
If this is being filed together with a new applic	eation, the execution da	te of the application	is:	November 18 and 20, 2008	
A. Patent Application Number(s):		B. Patent Number	(s):		
Unassigned					
	dditional numbers attache	d2 <b>NO</b>			
Name and address of party to whom correspondence oncerning document should be mailed:	ondence	I number of applicat	tions/pate		
	7. Tota	I fee (37 C.F.R. § 3.	.41):	\$40.00	
Stephen B. Maebius FOLEY & LARDNER LLP Washington Harbour 3000 K Street NW, Suite 500		Check Enclosed  X Authorized to be charged to credit card Authorized to be charged to deposit account			
Washington, D.C. 20007-5143	8. Payı	ment Information			
	b. De			2847 11/30/2011 19-0741	
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9. Statement and signature: To the best of my knowledge and belief, copy of the original document. The Commission be required in this matter to the above-identified	ner is hereby authorized	on is true and corre to charge any addi	ect and any	y attached copy is a true ordation fees which may	
Stephen B. Maebius	/typle	Mar -		January 6, 2009	
Name of person signing	Sig	nature		Date	
Total r	number of pages includ		Mhm <b>enre</b>	<b>GAd 8800A3</b> ent: 2	
		91 FC:A921		AN NO NO	

**PATENT** REEL: 022091 FRAME: 0364

## **ASSIGNMENT**

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For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

12/309082

name and address of assignee

title of

invention

SUMITOMO CHEMICAL COMPANY, LIMITED of 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-8260 Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

RARE EARTH METAL COMPLEX, POLYMERIZATION CATALYST AND METHOD FOR PRODUCING POLYMER

as set forth in his United States Patent Application

theck one	executed concurrently herewith		
	Serial NoFiled		

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not be made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors

Jaichi Senda Date: Nov. 18, 2008
Name: Taichi SENDA

Name: Hidenori HANAOKA

Date: Nov. 20, 2008

names and signatures

witnesses Nam

Name: Nate Nov. 18, 2008 / Mitenda date Nov. 20, 2008

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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