DEC 2 3 2003 2	U.S. Patent and Trademark Office	
<b>102636</b>	789	
To the Honorable Commissioner of Patents and Trademan	ks: Please record the attached original documents or copy thereof.	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Masanori Futai \2.23.33	Name: Daicel Chemical Industries, Ltd.  Street Address: 1, Teppo-cho, Sakai-shi Osaka 590-0905	
Additional name(s) of conveying party(ies) attached?  Yes No	Country: Japan	
3. Nature of conveyance  ☑ Assignment ☐ Merger  ☐ Security Agreement ☐ Change of Name  ☐ Other:	Additional name(s) and addresses attached? ☐ Yes ☒ No	
Execution Date: December 27, 2001  4. Application number(s) or patent numbers:		
If this document is being filed together with a new application, to A. Patent Application No.(s):  09/978,829 filed October 15, 2001	the execution date of the application is:  B. Patent No.(s):	
Additional numbe	l rs attached? □ Yes ☑ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
	7. Total Fee (37 C.F.R. § 3.41): \$40.00	
Eric B. Meyertons	☑ Fee Authorization Form Enclosed	
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.	☐ Authorized to be charged to deposit account	
P.O. Box 398 Austin, Texas 78767-0398	8. Deposit Account No.: 50-1505/5682-00200/EBM	
Austin, 1exas /8/0/-0398	(Attach duplicate copy of this page if paying by deposit account)	
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O. Statement and signature:  To the best of my knowledge and belief, the foregoing a true copy of the original document.	information is true and correct and any attached copy is	
Eric B. Meyertons	12-17-63	
Reg. No. 34,876 Signate	ure Date	
Total number of pages including cover si	heet, attachments and documents:2	

PATENT REEL: 014835 FRAME: 0900

## ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Daicel Chemical Industries, Ltd. (the "Assignee"), having a place of business at 1, Teppo-cho, Sakai-shi, Osaka 590-0905, Japan the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 09/978,829 filed on October 15, 2001, and is entitled "SHAFT SEALING APPARATUS", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) _	Masanori Futa;	Date: Dec. 27, 2001
	Masanori Futai	

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