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Conveying Party(ies) Execution Date(s)								
1.	TSUJI, Masa	o ,		February 27, 2004				
2.	NAKANO, Yoko			February 27, 2004				
	OHZONO, Shigeo			February 27, 2004				
→. 5.	NAKAZAWA, Makoto			February 27, 2004				
6.								
			eying Parties Attached	<u> </u>				
Red	ceiving Party		_		·			
	Name Name	KURARAY CO., LTI) .					
	Address Address	1621, Sākazu						
_	Address	<u>Kurashiķi-shi</u> City	<u>Okayama/</u> State/Cour		<u>710-8622</u> Zip Code			
<u> </u>	Mark if Addition	onal Names of Recei	ving Parties Attached	<u> </u>	<u> </u>			
Coi	respondent l	Name and Address				•		
Joh	n Kilvk, Jr., Re	eg. No. 30,763			Telephono: /212)	648 5 600		
Leydig, Voit & Mayer, Ltd.				Telephone: (312) 616-5600 Facsimile: (312) 616-5700				
Two Prudential Plaza, Suite 4900				Attorney Docket No. 227751				
Chicago, Illinois 60601-6780								
Pages Enter the total number of pages of the attached conveyance document including any attachments: 2 Application Number(s) or Patent Number(s) Mark if additional numbers attached								
Application Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).								
	Pat Pat	ent Application Nun	nbers	Patent Numbers				
10/4	188,808							
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арр	lication was si	gned by the first nam	ed executing inventor	phoallon, enter the t	uate the patent	Month Day Year		
Pate	ent Cooperat	ion Treaty (PCT)		<u>-</u>				
Ente	er PCT applica	ation number <i>only if</i> a	U.S. Application	PCT	PCT	PCT		
Nun	nber has not b	een assigned.						
				PCT	PCT	PCT		
Nur	nber of Prope	erties		Enter the to	otal number of prope	erties involved: 1		
Fee Amount								
Fee Amount for Properties Listed (37 CFR 3.41): \$40.00								
	Method of Payment: ☐ Enclosed is a check in the amount of							
	Charge Deposit Account No. 12-1216							
Authorization to Charge Additional Fees to Deposit Account No. 12-1216: X Yes X								
Statement and Signature								
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a								
true copy of the original document. Charges to deposit account are authorized, as indicated herein.								
Johr	n Kilyk, Jr., Re	g. No. 30,763	Jel LA	C. L.	March 23, 2004			
			tyfe	Date				

PATENT REEL: 014453 FRAME: 0510

Leydig, Voit & Mayer, Ltd. Attorneys at Law Two Prudential Plaza Suite 4900 180 North Stetson Chicago, Illinois 6060I-6780

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, WE,

Masao TSUJI of c/o KURARAY CO., LTD., 2045-1, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan (full name and address, including postal code, of first inventor) Yoko NAKANO of c/o KURARAY CO., LTD., 2045-1, Sakazu, Kurashiki-shi, Okayama <u>710-0801 Japan</u> (full name and address, including postal code, of second inventor) Shigeo OHZONO of c/o KURARAY CO., LTD., 2045-1, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan (full name and address, including postal code, of third inventor) Makoto NAKAZAWA of c/o KURARAY CO., LTD., 2045-1, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan (full name and address, including postal code, of fourth inventor)

respectively, have invented and own a cortain new and useful invention entitled:

7α-HYDROXY-PREGN-4-EN-3-ONE-20-CARBALDEHYDE, PRODUCTION METHOD THEREOF AND PRODUCTION METHOD OF 7α,21-DIHYDROXY-20-METHYL-PREGN-4-EN-3-ONE USING THE SAME

for which invention we have executed an application for Letters Patent of the United States which was filed on March 4, 2004 under Serial No. 10/488,808

WHEREAS,

KURARAY CO., LTD. of 1621, Sakazu, Kurashiki-shi, Okayama 710-8622 Japan (full name and address, including postal code, of assignee)

(hereinafter referred to as Assignee) is desirous of acquiring the entire right, title, and interest in and under the invention described in the application for Letters Patent.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we have assigned and set over, and by this document do assign and set over, to the Assignee and the Assignee's legal representatives, successors and assigns the entire right, title, and interest in and to the invention in the United States the applications for Letters Patent and other such applications (e.g., continuations, continuations-in-part, divisionals and reissues) in the United States, and the Letters Parent, or extensions thereof, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the Letters Patent to the above-mentioned Assignee agreeably with the terms of this Assignment.

WE HEREBY AUTHORIZE the above-mentioned Assignee to insert in this assignment document the filing date and serial number of the application if the date and number are unknown at the time this assignment is executed.

> **PATENT** REEL: 014453 FRAME: 0511

R. 23. 2004 11:37A

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, renewal, reissued, or extended Letters Patent of the United States or of any and all foreign countries on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing preliminary statements and other affidavirs, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITTNESS WHEREOF, we have hereunder set our hands on the dates shown below:

masuo Jsuji	Keiko Oka February 27, 2004
Signature of First Inventor Masao TSUII	Witness Keiko OKA Date
February 27, 2004	Fumiaki UEDA Date Witness Fumiaki UEDA Date
Yoko Nakano Signature of Second Inventor Yoko NAKANO	Keiko Oka February 27, 2004 Witness Keiko OKA Date
February 27, 2004	Finiaki UEDA Date 27, 2004
ShigeO OHZONO Signature of Third Inventor Shigeo OHZONO	Keiko Oka February 27, 2004 Witness Keiko OKA Date
February 27, 2004	Funiaki UEDA Date
Maketo Nakazawa Signature of Fourth Inventor Makoto NAKAZAWA	Keko Oka February 27, 2004 Witness Keiko OKA Date
February 27, 2004	Famiaki Uesa February 27, 2004