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Form PTO-1595 6-93				SHEET		U.S. Department of Commerce Patent and Trademark Office	
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.							
1. Name of conveying party(ies):  Nobuyoshi SHIMIZU Yoshikuni MIZUNO  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no				2. Name and address of receiving party(ies):  Name: Boehringer Ingelheim International GmbH Street Address: Binger Straße 173 City: D-55216 Ingelheim am Rhein Country: Germany Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no			
3. Nature of Conveyance:  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date(s): August 3, 2000, all inventors				09/601/844			
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the execution date of the application is: August 3, 2000							
A. Patent Application No(s).  U.S. National Phase of PCT/JP99/00545				B. Patent No(s).  med 08/09/00			
Additional numbers attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no							
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.  Internal Address: c/o Raz E. Fleshner, Esquire Atty. Docket No. 0652.2110000/REF  Street Address: 1100 New York Ave., N.W. Suite 600  City: Washington State: D.C. Zip Code: 20005-3934				6. Total number of applications and patents involved  One (1)  7. Total fee (37 C.F.R. § 3.41).....\$ 40.00  <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account			
				8. Deposit Account Number: 19-0036			
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9. Statement and signature.  <i>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.</i>  Raz E. Fleshner Name of Person Signing Registration No. 34,331   Signature August 9, 2000 Date Total number of pages including cover sheet, attachments and document Four (4)							
OMB NO. 0651-0011 (exp. 4/94)							
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## ASSIGNMENT

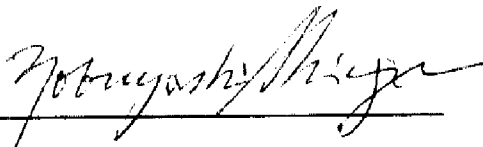
For value received, we, Nobuyoshi SHIMIZU, residing at 1-W2103, Yukarigaoka 4-chome, Sakura-shi, Chiba-ken 285-0858 Japan, and Yoshikuni MIZUNO, residing at 3-20, Tabata 6-chome, Kita-ku, Tokyo-to 114-0014 Japan, hereby sell, assign, and transfer to BOEHRINGER INGELHEIM INTERNATIONAL GMBH, a corporation existing under the laws of Federal Republic of Germany, located at Binger Strasse 173, D-55216, Ingelheim am Rhein, Federal Republic of Germany, and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to

### ISOLATED DNA OR GENE RESPONSIBLE FOR PARKINSON'S DISEASE

described in an application for Letters Patent of the United States,  
☒ having an oath or declaration by me/us executed on even date herewith;  
☐ bearing Serial No. \_\_\_\_\_ and filed on \_\_\_\_\_, and  
all patents which may be granted therefor, and all divisions, reissues, continuations  
and extensions thereof, and authorize and request the Commissioner of Patents and  
Trademarks to issue all patents on said improvements or resulting therefrom to said  
Company as assignee of the entire interest, and covenant that I/We have full right so  
to do, and agree that I/We will communicate to said Company or its representatives  
any facts known to me/us respecting said improvements and testify in any legal  
proceedings, sign all lawful papers, execute all divisional, continuing and reissue  
applications, make all rightful oaths and generally do everything possible to aid said  
Company, its successors, assigns, and nominees, to obtain and enforce proper  
protection for said invention in the United States.

The Assignor(s) hereby authorizes and requests the attorneys of Sterne, Kessler,  
Goldstein & Fox P.L.L.C. of Washington, D.C., to insert in the spaces provided above  
the filing date, serial number, and attorney docket number of said application if not  
previously inserted.

Signature



Date

August 3, 2000

Nobuyoshi SHIMIZU

Signature

  
Yoshikuni MIZUNO

Date August 3, 2000