

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hermann Gram</td><td>06/11/2002</td></tr><tr><td>Franco E Di Padova</td><td>06/11/2002</td></tr></tbody></table>	Name	Execution Date	Hermann Gram	06/11/2002	Franco E Di Padova	06/11/2002	
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Hermann Gram	06/11/2002						
Franco E Di Padova	06/11/2002						
RECEIVING PARTY DATA							
Name:	Novartis AG						
Street Address:	Lichtstrasse 35						
City:	Basel						
State/Country:	SWITZERLAND						
Postal Code:	4056						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11484472</td></tr></tbody></table>	Property Type	Number	Application Number:	11484472			
Property Type	Number						
Application Number:	11484472						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Cindy Klepacky						
Total Attachments: 1 source=31289#page1.tif							

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PATENT
REEL: 021947 FRAME: 0027

ASSIGNMENT

I / We **Hermann GRAM**
Franco E. DI PADOVA

for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, do hereby sell and assign to **Novartis AG, a Company organized under the laws of the Swiss Confederation, of Lichtstrasse 35, 4056 Basel, Switzerland**, its successors, assigns and legal representatives all my/our right, title and interest, in and for the United States of America, in and to the invention entitled:

RECOMBINANT ANTIBODIES TO HUMAN INTERLEUKIN-1 BETA

invented by me/us and described in the international application

No. **PCT/EP01/00591** filed **January 19, 2001**

and all United States Letters Patent which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by the said **Novartis AG**, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made;

And I/we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the said **Novartis AG**.

Signed on

X Hermann Gram
Hermann Gram

X June 11, 02

X Franco E. Di Padova
Franco E. Di Padova

X June 11-2001