

REC'D

03-07-2005

OMB No. 0651-0011 (exp. 4/94)



102954065

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- 1. Bernard Cuenoud
- 2. Ian Bruce
- 3. Robin Alec Fairhurst
- 4. David Beattie

2. Name and address of receiving party(ies)

Name: Novartis AG

Street Address: Lichtstrasse 35

City: Basel State: Switzerland ZIP: 4056

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Additional name(s) & address(es) attached? Yes No

Execution Date: 1-3. 12/11/01; 4. 12/12/01

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:

A. Patent Application No.(s)
10/009,008

B. Patent No.(s)

Additional numbers attached? Yes No

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5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Novartis

Internal Address: Corporate Intellectual Property

Street Address: One Health Plaza, Building 104

City: East Hanover State: NJ ZIP: 07936-1080

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to deposit account and any other additional fees required.

8. Deposit account number:

19-0134 (in the name of Novartis)

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Gregory C. Houghton
Name of Person Signing
Reg. No. 47,666

Gregory C. Houghton
Signature

March 1, 2005
Date

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Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:

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March 1, 2005
Date of Deposit

PATENT
REEL: 016322 FRAME: 0148

ASSIGNMENT

- I / We
1. Bernard CUENOU, Lodge 2, Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain, citizen of Switzerland
 2. Ian BRUCE, Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain, citizen of Great Britain
 3. Robin Alec FAIRHURST, Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain, citizen of Great Britain
 4. David BEATTIE, Novartis Horsham Research Centre, Wimblehurst Road, Horsham, West Sussex RH12 5AB, Great Britain, citizen of Great Britain

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:

BETA2-ADRENOCEPTOR AGONISTS

invented by me/us and described in the international application

No. PCT/EP 00/05058 filed 02/06/2000

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

Bernard Cuenou
 Bernard CUENOU

11 - 12 - 01

Ian Bruce
 Ian BRUCE

11 - 12 - 01

Robin Alec Fairhurst
 Robin Alec FAIRHURST

11 - 12 - 01

David Beattie
 David BEATTIE

12 - 12 - 01