FORM PTO-1535 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) RECORDATION FOR PATENTS	02-11-1999 ent and Trademark Office
To the Honorable Commissioner of Patents and Trademark	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
1. Name of conveying party(ies): Benoit Pugin	Name and address of receiving party(ies) Name: Novartis AG Internal Address:
Additional name(s) of conveying party(ies) attached?	Street Address: Schwarzwaldallee 215
Other Execution Date: December 22, 1998	City: <u>Basel</u> State: <u>Switzerland</u> ZIP: <u>4058</u> Additional name(s) & address(es) attached? ☐ Yes ☒ No
If this document is being filed together with a new application A. Patent Application No.(s) 08/930,171 Additional numbers atta	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Michael W. Glynn Internal Address: Novartis Corporation Patent and Trademark Dept.	7. Total fee (37 CFR 3.41) \$40 ☐ Enclosed ☐ Authorized to be charged to deposit account and any other additional fees required.
Street Address: 564 Morris Avenue City: Summit State: NJ ZIP: 07901-1027	Deposit account number: 19-0134 (Attach duplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing is copy of the original document. Stephen G. Kalinchak Name of Person Signing Reg. No. 38,747	information is true and correct and any attached copy is a true

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02/

ASSIGNMENT

1,

Benoît Pugin

residing at

Wasserhausweg 16 4142 Münchenstein Switzerland.

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, having a place of business at Schwarzwaldallee 215, Basel, Switzerland 4058, its successors, assigns and legal representatives, all my right, title and interest, which includes the right to and full benefit of such priorities as may now or hereafter be granted tome by local laws or by treaty, including any international convention for the protection of industrial property, in and for the United States and its territories and possessions in and to the invention entitled:

DIHALOGENATED FERROCENES AND PROCESSES FOR THE PREPARATION THEREOF

invented by me and described in the application for United States Letters Patent

Application No. 08/930,171, filed October 9, 1997,

including (1) said application for United States Letters Patent and all continuations and divisions thereof (including further continuations and divisions such as, but not limited to, continuations of continuations and divisions of continuations), (2) all United States Letters Patent which may be issued and/or granted on all such applications, (3) all applications for reissues and extensions of and reexamination certificates for all such United States Letters Patent and (4) all reissues and extensions and reexamination certificates issued for all such United States Letters Patent, the said interest being the entire ownership of said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates to be held and enjoyed by the said Novartis AG and its successors and assigns to the full end of the terms to which said United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates may be granted and/or issued, as fully and entirely as the same would have been held and enjoyed by me if this sale, assignment and transfer had not been made;

PATENT REEL: 9749 FRAME: 0490 And I hereby agree to sign and/or execute any further documents and/or instruments which may be necessary, lawful and proper in and/or for the filing and/or prosecution of said applications for United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates and/or the granting and/or issuance thereof and/or to otherwise secure title to said invention and all of said applications, United States Letters Patent (including reissue Letters Patent), extensions and reexamination certificates in said assignee.

Signed this 22 day of Dec., 1998 by Benoît Pugin