A 11 181 40 04-18-2000 **OVER SHEET** 09/485388 NLY 420 Rec'd PCT/PTO 0 9 FEB 2000 Attorney Docket Number 1455-445 101323052 TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS **Box Assignments** Washington, DC 20231 Please record the attached original documents or copy thereof. 1. Name of conveying party: 2. Name and address of receiving party: Hubert MIMOUN FIRMENICH SA 1, route des Jeunes X No 1211 Geneva 8 Switzerland 3. Nature of conveyance: **X**Assignment □Merger □Security Agreement □Change of Name □Other Execution Date: January 17, 2000 4. Application numbers or patent numbers: If this document is being filed with a new application, the execution date of the application is: January 17, 2000 A. Patent Application No. B. Patent No. Additional numbers attached?
Yes X No 5. Mail correspondence to: 6. Number of applications PENNIE & EDMONDS LLP 1667 K Street, N.W. Please charge deposit account listed in Section 8. Washington, D.C. 20006 2000 MCL AY 8 8. Deposit account number: 16-1150 FC:541 40.00 CM DO NOT USE THIS SPACE 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. anuca Allan A. Fanucci, Reg. No. 30,256 Name of Person Signing Date Total number of pages including cover sheet: 3

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

SOLE

, ASSIGNOR

ASSIGNMENT

WHEREAS, I, MIMOUN Hubert

a citizen of France

residing at Route du Stade - 01630 CHALLEX (France)

am the inventor of the ENANTIOSELECTIVE REDUCTION OF KETONES WITH A SILANE AGENT / invention in METAL COMPOUND / CHIRAL LIGAND SYSTEM

for which I have executed an

application for a Patent of the United States on even date

and WHEREAS, FIRMENICH SA, a Swiss company, having its place of business at l, route des Jeunes, 1211 Geneva 8, Switzerland , ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application :

NOW, THEREFORE, in consideration of the sum of One Dollar (\$ 1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof ; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof ;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

> PATENT REEL: 010691 FRAME: 0912

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AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this

Date: 17 (1. 2000 Witness: B. Juual

Brigitte Dumas

Unbert Minouk L.S.

Hubert MIMOUN

State of : _____Geneva

County of : Switzerland