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COVER SHEET
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FROMMER LAWRENCE & HAUG LLP
745 Fifth Avenue
New York, New York 10151
(212) 588-0800
File No.: 514453-3863

Applicant : Dübal et al.

For : **DISUBSTITUTED PHENANTHRENES AND THEIR
USE IN LIQUID-CRYSTAL MIXTURES**

Filing Date : January 17, 2001

Assistant Commissioner for Patents

Name of Conveying Party(ies): 1) Dr. Hans-Rolf Dübal 2) Dr. Barbara Hornung
3) Dr. Wolfgang Schmidt, and 4) Dr. Rainer Wingen

2. Name and address of receiving party(ies): Clariant International Ltd.,
Rothausstrasse 61, 4132 Muttenz, Switzerland.

3. Nature of Conveyance: Assignment (1)

■ Application No. or Patent No.: 09/761,897
~~This document is being filed together with a new application.~~ The
execution date of this Assignment for inventor 1), 2), 3), and 4) is
January 22, 2001

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

William F. Lawrence, Registration No. 28,029
Frommer Lawrence & Haug LLP
745 Fifth Avenue
New York, New York 10151

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$ 40.00

■ Fee enclosed, Check No. 15145.

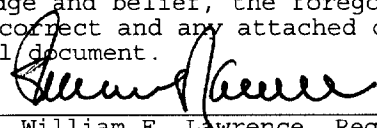
8. ☐ Charge Fee Deposit Account No.: 50-0320 (Attach duplicate copy of
this page if paying by deposit account).

If any additional fee is required, authorization is hereby
given to charge Deposit Account No. 50-0320.

9. Statement and Signature.

The assignment documents were reviewed and to the best of the
assignee's knowledge and belief, title is in the assignee seeking
this action.

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.

Name of Person Signing: 

William F. Lawrence, Reg. No. 28,029

Date: May 1, 2001

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INVENTION/PATENT APPLICATION ASSIGNMENT
FROM INVENTOR(S) TO COMPANY

WHEREAS I/WE, Hans-Rolf Dübal, Am Langenstück 13, D-65343 Eltville, Germany; Barbara Hornung, Schulstrasse 21A, D-63594 Hasselroth, Germany; Wolfgang Schmidt, Staffordstrasse 5A, 63303 Dreieich, Germany; Rainer Wingen, Langenhainer Weg 11, D-65795 Hattersheim, Germany, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled: ***DISUBSTITUTED PHENANTHRENES AND THEIR USE IN LIQUID-CRYSTAL MIXTURES***, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on 1/17/01 and identified by United States Serial No. ; 09/761,897

AND WHEREAS, Clariant International Ltd, Rothausstrasse 61, 4132 Muttenz, Switzerland, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

2001-01-22
Date
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Date

Signature: Hans-Rolf Dübal
Signature: Barbara Hornung
Signature: Wolfgang Schmidt
Signature: Rainer Wingen

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