

03-21-2002

7 \$

Atty Docket No.: 217125US0



FORM PTO-1595
1-31-92

102026691

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):

Frank PRECHTL, Sylke HAREMZA, Robert PARKER, Kathrin KUERSCHNER, Manfred BRAUN, Antje HAHN, and Ralf FLEISCHER

3-15-02

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

2. Name and address of receiving party(ies):

Name: BASF Aktiengesellschaft
Address: 67056 Ludwigshafen, GERMANY

3. Nature of Conveyance:

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

Execution Date: December 13, December 13, December 13, December 13, December 10, December 10, and December 3, 2001

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

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)

10/011,748

B. Patent No.(s)

Additional numbers attached? Yes No

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



22850

6. Total applications and patents involved: 1

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

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.

Thomas A. Blinka, Ph.D.

Name of Person Signing

Thomas A. Blinka

Signature

3/14/02

Date

Registration Number: 44,541

Total number of pages including this cover sheet: 3

Do not detach this portion

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

03/20/2002 LMUELLER 00000234 10011748

01 FC:581

40.00 DP

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT
REEL: 012684 FRAME: 0548

Assignment of Application

0050/051988

WHEREAS, I (WE)

Frank Precht, Wielandstr.61, 60318 Frankfurt, Germany
Citizen of Germany

Sylke Haremza, Ringstr.13, 69151 Neckargemünd, Germany
Citizen of Germany

Robert Parker, Q 2, 9-10, 68161 Mannheim, Germany
Citizen of Great Britain

Kathrin Kürschner, Goegstr. 3, 68199 Mannheim, Germany
Citizen of Germany

Manfred Braun, Herzog-Otto-Str. 87, 67105 Schifferstadt, Germany
Citizen of Germany

Antje Hahn, Am Krahnep 32, 40229 Düsseldorf, Germany
Citizen of Germany

Ralf Fleischer, 3919 Essex Ln., #307, Houston, TX 77027, United States of America
Citizen of Germany

respectively, have invented certain new and useful improvements in

Use of chiral, uncharged metal compounds as dopants for
liquid-crystalline materials
for which an application for Letters Patent was executed on

(Application No. 10/011,748, filed December 11, 2001), and

WHEREAS, *BASF Aktiengesellschaft (hereinafter referred to as "ASSIGNEE")*, having a place of business at *67056 Ludwigshafen, Germany*, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, 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 by me (us) had this Assignment and sale not been made.

FURTHER, I (WE) agree that I (WE) will communicate to said ASSIGNEE, or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries

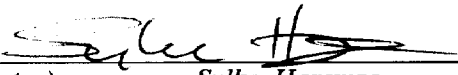
The undersigned hereby grant(s) the firm of **Oblon, Spivak, Mc.Clelland, Maier & Neustadt, P.C.** of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

0050/051988


Date: December 13, 2001


(Signature of Inventor) Frank Precht

Date: December 13, 2001


(Signature of Inventor) Sylke Haremza

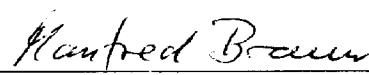
Date: December 13, 2001


(Signature of Inventor) Robert Parker


Date: December 13, 2001


(Signature of Inventor) Kathrin Kürschner

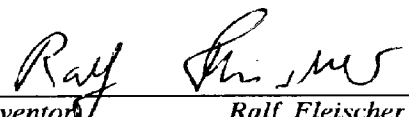
Date: December 10, 2001


(Signature of Inventor) Manfred Braun

Date: December 10, 2001


(Signature of Inventor) Antje Hahn

Date: December 03, 2001


(Signature of Inventor) Ralf Fleischer