A/D 581-40	JC13 Rec'd PCT/PTO 1.7 OCT 2
FORM PTO-1595 1-31-92 10 170 To the Heneralia Commission	SHEET U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 08130.0075 Attorney Customer Number: 22,85
To the Honorable Commission Please record the attached or 101903668	ATTN. BOX ASSIGN 195/ 95901
Name of conveying party(les): Zoubair Mohammed CHERKAOUI	∠. Name and address of receiving party(ies):
2. Carsten BENECKE 3. Klaus SCHMITT	Name: ROLIC AG
Additional name(s) of conveying party(ies) attached? Yes No	Internal Address:
3. Nature of conveyance:	Street Address: Chamerstrasse 50, 6301 Zug, Switzerland
Assignment	City:
☐ Security ☐ Change of Name Agreement	State: Zip Code:
Other:	Additional name(s) & Address(es) attached?
Execution Date: September 26, 2001	☐ Yes
 Application number(s) or patent number(s): If this document is be the application: September 26, 2001 	eing filed together with a new application, the execution date
A. Patent Application Number(s):	B. Patent Number(s):
5. Name and address of party to whom correspondence concerning document should be mailed:	Yes No 09(959013 6. Total number of applications and registrations involved:
Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40
/2001 UEDUVIJE 00000131 09959013	Enclosed (Please charge deficiency to depose account)
581 40.00 OP	Authorized to be charged to deposit accoun
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 1300 I Street, N.W.	
City: Washington, D.C.	
State: Zip: 20005-3315	8. Deposit Account No.: <u>06-0916</u>
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing information is true document.	and correct and any attached copy is a true copy of the orig
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Ernest F. Chapman Reg. No. 25,961	October 17, 2001

PATENT REEL: 012320 FRAME: 0551

Attorney Docket No.: 08130.0075

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors), have made an invention entitled:

Liquid Crystal Compounds

for which we executed an application for United States Letters Patent concurrently herewith, and for which we filed as PCT International Application No. PCT/IB00/00448 on April 11, 2000; and

WHEREAS, Rolic AG, a corporation of Switzerland, whose post office address is Chamerstrasse 50, 6301 Zug, Switzerland (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 012320 FRAME: 0552

Attorney Docket No.: 08130.0075

the Declaration and (Application No	EREBY authorize and request the attorneys we have empowered in Power of Attorney in this application, to insert here in parentheses, filed) the filing date and application lication when known.
IN TESTIMO	NY WHEREOF, we have hereunto set our hands.
First Assignor	Zoubair Mohammed CHERKAOUI Allmendstrasse 2 CH-4123 Allschwil Switzerland
Citizenship: Moroco	ean
	Boulsein Chalasai
Date:	26.09.2001
Second Assignor	Carsten BENECKE Vierthauen 9 D-79576 Weil am Rhein Germany
Citizenship: Germa	n
Signature:	John Benedu
Date:	26.9.01

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PATENT

REEL: 012320 FRAME: 0553

Attorney Docket No.: 08130.0075

Third Assignor

Klaus SCHMITT Gartenstrasse 16b D-79541 Lörrach

Germany

Citizenship: German

Signature: × Years Peritto

Date: × 26-9.01

RECORDED: 10/17/2001

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 012320 FRAME: 0554