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Name M	llen, White, Zelano & Branigan, P.C.			
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Enter either the	Application Number(s)		Patent Number(s)
Patent	Application		

ATTY. DOCKET NO.: MERCK-2226

WHEREAS the below named inventor (if only one inventor is named below) of inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

Electro-optical liquid-crystal display and liquid-crystal medium

<u>™</u> X	- ·			rk Office was executed on even date. the U.S. Patent and Trademark Office or
	for which an International	2001 Application was filed on	as	, designating the United States
	AND WHEREAS	MERCK PATENTG MIT BESCHRÄNK		
		Darmstadt Germany	,	

hereinafter referred to as the ASSIGNEE, is desirous of acquaring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or conventions rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letter Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privilegs and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extension thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as simple and benefical a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to executed all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to executed any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns, and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Millen, White, Zelano & Branigan, P.C: the power to insert on this assignment any further identification 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.

IN TESTIMONY THEREOF this assignment os executed by ASSIGNOR

CORREST TO THE STOR OF FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
201 FULL NAME OF SOLE INVENTOR OF FIRST NAMED INVENTOR	Unichael Bergineier	May 4, 2001
Michael Heckmeier	INVENTOR'S SIGNATURE	DATE
202 FULL NAME OF SECOND JOINT INVENTOR	INVENTORS SIGNATURE	May 4, 2001
Marcus Reuter	INVENTOR'S SIGNATURE	DATE
203 FULL NAME OF THIRD JOINT INVENTOR	INVENTOR'S SIGNATURE	May 4, 2001
Volker Reiffenrath	Valle Legt	DATE
204 FULL NAME OF FOURTH JOINT INVENTOR	INVENTOR'S SIGNATURE	
2011 0 == 1		DATE
205 FULL NAME OF FIFTH JOINT INVENTOR	INVENTOR'S SIGNATURE	
203 FOLL WARE OF THE		DATE
206 FULL NAME OF SIXTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
206 FOLL NAME OF SIXTH COMM		DATE
207 FULL NAME OF SEVENTH JOINT INVENTOR	INVENTOR'S SIGNATURE	DAIL
207 FULL NAME OF SEVENTH JOHN TAVE		
- AR SIGUELL IOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
208 FULL NAME OF EIGHTH JOINT INVENTOR		
TO UTSYTOD	INVENTOR'S SIGNATURE	DATE
209 FULL NAME OF NINETH JOINT INVENTOR		
	INVENTOR'S SIGNATURE	DATE
210 FULL NAME OF TENTH JOINT INVENTOR		
	INVENTOR'S SIGNATURE	DATE
211 FULL NAME OF ELEVENTH JOINT INVENTOR	HAAFATORE STATE	
	INVENTOR'S SIGNATURE	DATE
212 FULL NAME OF TWELFTH JOINT INVENTOR	INVENTORS SIGNATURE	

PATENT
RECORDED: 06/04/2001 REEL: 011861 FRAME: 0148