	_ 10-11-1	2002
Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔ ⇔ ▼	102247	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
To the Honorable Commissione		Please record the attached original documents or copy thereof.
Name of conveying party(ies): STEPHEN T. WELLINGHOFF DOUGLAS P. HANSON	10.2.03	Name and address of receiving party(ies) Name: SOUTHWEST RESEARCH INSTITUTE Internal Address:
Additional name(s) of conveying party(ies) attached? 🎑 Yes 🌠 No	Internal Address: 6220 CULEBRA ROAD FINANCE Street Address:
3. Nature of conveyance:		FICE OF PINAN
🔊 Assignment	☐ Merger	FINANCE FINANCE Street Address:
Security Agreement	Change of Name	Street Address:
OCTOBER 7, 20	002; and	SAME City: SAN ANTONIO State: TEXAS Zip 78238
SEPTEMBER 30 Execution Date:	0, 2002 	Additional name(s) & address(es) attached? 🖳 Yes 🌇 No
10/190,470		tached? Yes No
concerning document should b		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ 40.00
Name: Paula D. Morris 2925 Briarpa	rk Suite 930	Enclosed (Check No.: 2526)
Internal Address:		Authorized to be charged to deposit account
Street Address:		8. Deposit account number: 50-0997 (SWRI-2835-05),
P TDIAZ1 00000177 10190470	\	maintained by Paula D. Morris & Associates, P.C.
City: Houston State:	Zip: 77042-3728	(Attach duplicate copy of this page if paying by deposit account)
	DO NOT USI	THIS SPACE
is a true copy of the original do Paula D. Morris, Reg. 31 Name of Person Signi	ocument. ,516 ng	information is true and correct and any attached copy OCTOBER 8, 2002 Signature Date
Total n	umber of pages including cov	er sheet, attachments, and documents:

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

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C 20231

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of Wellinghoff, et al.

Serial No.: 10/190,470 § Action: Assignment

Title: Novel Mesogens and Methods for Their Synthesis and Use

To: Commissioner of Patents and Trademarks Washington, D. C. 20231

WHEREAS, we, Stephen T. Wellinghoff, a citizen of the United States of America, residing at 7718 Benbrook, San Antonio, Texas; and Douglas P. Hanson, a citizen of the United States of America, residing at 8635 Cross Spring, San Antonio, Texas, are joint inventors of new and useful improvements in Novel Mesogens and Methods for Their Synthesis and Use, for which we have executed the referenced patent application for Letters Patent which was filed as stated above; and WHEREAS, we represent that we are joint owners of said invention, and said application for Letters Patent; and

WHEREAS, SOUTHWEST RESEARCH INSTITUTE, hereinafter called "ASSIGNEE", a Texas Corporation having its principal office at 6220 Culebra Road, San Antonio, Bexar County, Texas, is desirous of acquiring our right, title and interest in and to the said application and the invention therein described and claimed and any Letters Patent that may be issued upon said application or for the invention therein contained;

NOW, THEREFORE, for and in consideration of the sum of Sixty-five Dollars (\$65.00) lawful money of the United States, and other valuable consideration, to us in hand paid, the receipt and sufficiency whereof we hereby acknowledge, we the said Stephen T. Wellinghoff and Douglas P.Hanson have sold, assigned and transferred, and do hereby sell, assign and transfer unto the said ASSIGNEE, its successors and assigns, our entire right, title and interest in and to (a) said invention and worldwide rights therein, (b) said applications, including all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including all reissues, renewals, divisions and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file applications for Letters Patent on said invention in any and all foreign

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PATENT REEL: 13364 FRAME: 0307 countries, the same to be held and enjoyed by said ASSIGNEE, its assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this Assignment and sale not been made.

We request that any and all such Letters Patent for said invention be issued to ASSIGNEE, its successors, assigns and legal representatives, or to such nominees as it may designate.

We covenant and agree that we and our executors or administrators will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, applications and Letters Patent, including making such title of lawful and public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect this Assignment.

ASSIGNORS further covenant with ASSIGNEE that the rights and property herein conveyed are free and clear of any encumbrances, and that ASSIGNORS have the full right to convey the same as herein expressed.

IN TESTIMONY WHEREOF, we have fully executed this Assignment this ______ day of ________, 2002.

Douglas P. Hanson

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STATE OF TEXAS

COUNTY OF BEXAR

BEFORE ME, the undersigned authority, on this day personally appeared **Stephen T.** Wellinghoff known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 1th day of October, 2002

Notary Public, State of Texas

SHIRLEY E. MCDONALD
Notarry Public, State of Texas
My Commission Expires Apr. 5, 2005

STATE OF TEXAS

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COUNTY OF BEXAR

RECORDED: 10/08/2002

BEFORE ME, the undersigned authority, on this day personally appeared **Douglas P. Hanson** known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 30th day of September, 2002.

Notary Public, State of Texas

SHIRLEY E. MCDONALD
Notary Public, State of Texas
My Commission Expires Apr. 5, 2005

SWRI-2835-05

PATENT REEL: 13364 FRAME: 0309