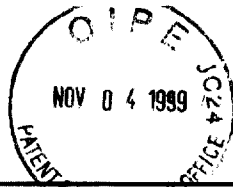


11/4/99



11-09-1999

D

Form PTO-1595
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)

RECORDATION F
PATENTS



101196331

Department of Commerce
Patent and Trademark Office

To the Honorable Commissioner of Patents & Trademarks: Please record the attached original documents or copy thereof:

1. Name of conveying party(ies):
J. David Carlson
Additional name(s) of conveying party(ies) attached? yes No

2. Name and address of receiving party(ies):
Name: LORD CORPORATION
Internal Address: P.O. Box 8012
Street Address: 111 Lord Drive
City: Cary State: NC ZIP: 27512-8012
Additional name(s) & address(es) attached? yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: November 1, 1999

If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
09/306,203
Additional numbers attached? yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Wayne W. Rupert
Internal Address: LORD CORPORATION
Street Address: 111 Lord Drive
City: Cary State: NC ZIP: 27512-8012

6. Total number of applications and patents involved:

7. Total Fee (37 CFR 3.41).....\$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
12-2143
(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.

Wayne W. Rupert
Name of Person Signing

Wayne W. Rupert
Signature

11/1/99
Date

Total number of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, DC 20231

11/05/1999 WPRAGSD 0000063 122143 09306203
04 FC:581 40.00 CH

ASSIGNMENT

WHEREAS, J. David Carlson, hereinafter referred to as "ASSIGNOR", has invented and is the joint owner of an invention entitled "Controllable Device Having a Matrix Medium Retaining Structure", said invention being fully set forth and described in the application for Letters Patent of the United States (Serial Number 09/306,203 filed 5/6/99) which has been prepared in connection with said invention, and


WHEREAS, LORD CORPORATION, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Pennsylvania, and engaged in business at 111 Lord Drive, Cary, North Carolina 27512-8012, hereinafter referred to as ASSIGNEE, is desirous of acquiring the said invention and any and all applications for Letters Patent and any and all Letters Patent of the United States and foreign countries which may be issued therefor;

NOW THEREFORE, be it known that for valuable consideration, I have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to all Letters Patent of the United States and all foreign countries or reissues and reexaminations thereof which may be granted thereof or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby covenant and agree that, at the same time of execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree and bind my heirs, legal representatives and assigns, promptly to communicate to said assignee and its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.



 J. David Carlson
 Nov. 1, 1999

 Date

Notarial Certificate

State of North Carolina :
 :
 : ss.
 County of Wake :

On this 1st day of November, 1999, before me, a Notary Public
 in and for the state and county aforesaid, appeared **J. David Carlson**, known to me to be the
 person described in the foregoing instrument, who signed the instrument in my presence, and
 desired the same to be acknowledged as his free act and deed.



 Notary Public