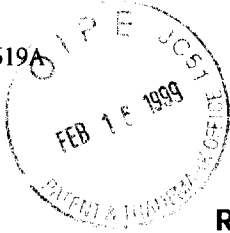


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FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

MRD
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02-23-1999



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U.S. Department of Commerce
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Conveyance Type

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Application Number(s) or Patent Number(s) **Mark if additional numbers attached**

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text" value="08293146"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="4575136"/>	<input type="text" value="4796777"/>	<input type="text" value="5031790"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="4630748"/>	<input type="text" value="4933093"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="4770446"/>	<input type="text" value="4949427"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number **only if a U.S. Application Number has not been assigned.**

PCT PCT PCT

PCT PCT PCT

Number of Properties **Enter the total number of properties involved.** #

Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41):** \$

Method of Payment: **Enclosed** **Deposit Account**


Deposit Account
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Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Ingrid McTaggart  2-8-99

Name of Person Signing **Signature** **Date**

[Handwritten scribbles]

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FORM PTO-1595
1-31-92

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100153437

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

<p>1. Name of conveying party(ies): Russell D. Keller</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>	<p>2. Name and address of receiving party(ies): Name: <u>R & D Corporation</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>149 Noth Lotus Beach Drive</u></p> <p>City <u>Portland</u> State <u>OR</u> ZIP <u>97217</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>December 8, 1994</u></p>	

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: _____

<p>A. Patent Application No. (s)</p> <p style="text-align: center;">-- SEE ATTACHED SHEET --</p>	<p>B. Patent No. (s)</p>
--	--------------------------

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>James Campbell</u></p> <p><u>Klarquist Sparkman Campbell Leigh & Winston, LLP</u></p> <p>Internal Address: _____</p> <p><u>One World Trade Center, Suite 1600</u></p> <p>Street Address: _____</p> <p><u>121 S.W. Salmon Street</u></p> <p>City <u>Portland</u> State <u>Oregon</u> ZIP <u>97204-2988</u></p>	<p>6. Total number of applications and patents involved: <u>8</u></p> <p>7. Total fee (37 CFR 3.41):...\$ <u>320.00</u></p> <p><input checked="" type="checkbox"/> Enclosed Commissioner is authorized to charge or credit any deficiencies or overpayments to Deposit Account No. <u>02-4550</u>.</p> <p>8. Deposit account number: <u>02-4550</u> <small>(Attach duplicate copy of this page if paying by deposit account)</small></p>
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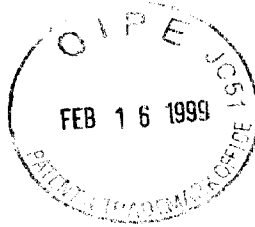
9. Statement and signature.

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.

<p><u>James Campbell, Reg. #19,978</u></p> <p>Name of Person Signing</p>	<p><i>James Campbell</i></p> <p>Signature</p>	<p><u>February 20, 1996</u></p> <p>Date</p>
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Total number of pages including cover sheet, attachments and document: 5

OMB No. 0651-0011 (exp. 4/94)



**CONTINUATION OF
RECORDATION FORM COVER SHEET (PTO Form 1595)**

4. Application number(s) or patent number(s):

A. U.S. Patent Application No.(s)
08/293,146 August 19, 1994

B. U.S. Patent No.(s)
4,575,136 March 11, 1986
4,630,748 December 23, 1986
4,770,446 September 13, 1988
4,796,777 January 10, 1989
4,933,093 June 12, 1990
4,949,427 August 21, 1990
5,031,790 July 16, 1991

A S S I G N M E N T

WHEREAS, I, Russell D. Keller, of 149 North Lotus Beach Drive, Portland, County of Multnomah, State of Oregon, have invented certain inventions for which I have received the following U.S. and Foreign Letters Patents and have filed the following U.S. Patent Application:

United States of America

<u>Patent No./</u> <u>App. Serial No.</u>	<u>Issue Date/</u> <u>App. Filing Date</u>
4,575,136	March 11, 1986
4,630,748	December 23, 1986
4,770,446	September 13, 1988
4,796,777	January 10, 1989
4,933,093	June 12, 1990
4,949,427	August 21, 1990
5,031,790	July 16, 1991
App. 08/293,146	August 19, 1994

Canada

<u>Patent No.</u>	<u>Issue Date</u>
1,043,386	November 28, 1978
1,289,897	October 1, 1991
1,316,843	April 27, 1993;

and

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IMM

R.D.K. Company

WHEREAS, ~~R & D Corporation~~, a corporation organized under the laws of the State of Oregon, having a place of business at 149 North Lotus Beach Drive, Portland, Oregon 97217, is desirous of acquiring an interest in said U.S. and Foreign Patents and said pending U.S. Patent Application.

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Russell D. Keller, hereby sell, assign and transfer to R & D Corporation, the full and exclusive right, title and interest in and to said inventions, said U.S. and Foreign patents, and said pending U.S. patent application and patent rights thereto throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patents in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by R & D Corporation, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any

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foreign country, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed at Port., State of Oregon,
this 8th day of ~~November~~, 1994.
Dec

Russell D. Keller
Russell D. Keller

STATE OF OREGON)
COUNTY OF Mult.) ss.

This 8th day of ~~November~~, 1994, before me personally came the above-named Russell D. Keller, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Gordon M. MacLaren
Notary Public for Oregon
My commission expires: _____

[SEAL]

