FORM PTO-1595 (Modified)

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

06-08-2001



Docket No.: 95,964-A

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Billy Hudson Parvin Todd Raja Khalifah Aaron Booth	Name and address of receiving party(ies): Name: Kansas University Medical Center Research Internal Address:
Additional names(s) of conveying party(ies) ☐ Yes ☒ No	
3. Nature of conveyance:	
	Street Address: 3901 Rainbow Boulevard
☐ Security Agreement ☐ Change of Name	
☐ Other	City: Kansas City State: KS ZIP: 66160
Execution Date: 3-20-01, 3-28-01 and 5-11-01	Additional name(s) & address(es) attached? Yes No
4. Application number(s) or registration numbers(s):If this document is being filed together with a new applicationA. Patent Application No.(s)	the execution date of the application is: B. Patent No.(s)
08/711,555	5,985,857
5. Name and address of party to whom correspondence concerning document should be mailed:	ched?
Name: David S. Harper	7. Total fee (37 CFR 3.41):\$ 40.00
Internal Address: MCDONNELL BOEHNEN HULBERT & BERGHOFF	☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Suite #3200	☐ Authorized to be charged to deposit account
Street Address: 300 South Wacker Drive	8. Deposit account number:
	13-2490
City: Chicago State: IL ZIP: 60606	
DO NOT	USE THIS SPACE
of the original document. David S. Harper	ation is true and correct and any attached copy is a true copy
Name of Person Signing Total number of pages including cover s	Signature Date heet, attachments, and document:
Total number of pages including cover s	

PATENT

REEL: 011855 FRAME: 0938

ASSIGNMENT

Serial No.: 08/711,555 Case No.: 95,964-A

Inventors: Billy G. Hudson, Parvin Todd, Raja G. Khalifah and Aaron A. Booth

Date of Execution

Filing Date: September 10, 1996 of Application:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Kansas University Medical Center Research Institute, a non-profit organization, organized and existing under laws of the State of Kansas

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

and identified as:

Case No. 95,964-A

in the offices of McDonnell Boehnen Hulbert & Berghoff and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be

- 1 -

McDONNELL BOEHNEN HULBERT & BERGHOFF 300 SOUTH WACKER DRIVE CHICAGO, ILLINOIS 60606 TELEPHONE (312) 913-0001 PATENT

REEL: 011855 FRAME: 0939

held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this day of	,
	Billy G. Hudson
State of	
County of	
The foregoing instrument was acknowledged before	e me this day of
,by Billy G. Hudson.	
	NOTARY PUBLIC
WITNESS my hand and seal this day of	
	Parvin Todd
State of	
County of	
The foregoing instrument was acknowledged befor	e me this day of
,by Parvin Todd.	
	NOTARY PUBLIC

WITNESS my hand and seal this II day of May ,2001. My Commission Expires 8/22/05		
Raja G. Khalifah		
State of North Carolina		
County of Durham		
The foregoing instrument was acknowledged before me this day of		
May, 2001 by Raja G. Khalifah. Muanda Soemeri		
NOTARY PUBLIC		
WITNESS my hand and seal this day of,		
Aaron A. Booth		
State of		
County of		
The foregoing instrument was acknowledged before me this day of		
,by Aaron A. Booth.		

NOTARY PUBLIC

ASSIGNMENT

Case No.: 95,964-A Serial No.: 08/711,555

Inventors: Billy G. Hudson, Parvin Todd, Raja G. Khalifah and Aaron A. Booth

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and identified as:

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PATENT REEL: 011855 FRAME: 0942 held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

WITNESS my hand and seal this 28 day of March	_, <u>200</u> .1
	Billy G. Hudson
State of <u>Kansas</u> County of <u>Wyando He</u> The foregoing instrument was acknowledged before	£050-40
March <u>2001</u> by Billy G. Hudson.	Weva Mikele Manale NOTARY PUBLIC
WITNESS my hand and seal this day of	
	Parvin Todd
State of County of The foregoing instrument was acknowledged before	e me this day of
,by Parvin Todd.	_
	NOTARY PUBLIC

WITNESS my hand and seal this day of	
	Raja G. Khalifah
	Raja O. Khaman
State of	
County of	
The foregoing instrument was acknowledged before	e me this day of
,by Raja G. Khalifah.	
	NOTARY PUBLIC
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County of	
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held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

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	NOTARY PUBLIC
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State of Kansas	
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Mach, 2001 by Parvin Todd.	Christeria a bietierrez

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Raja G. Khalifah
me this day of
NOTARY PUBLIC
Aaron A. Booth
e me this 20 day of
NOTARY PUBLIC

RECORDED: 06/01/2001