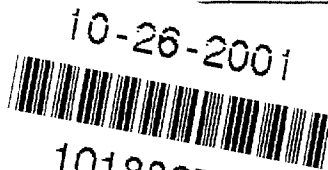


FORM PTO-1619A

Expires 06/30/99
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Assignment



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License



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Execution Date
Month Day Year

Name (line 1)

Qingwen Ni

10/5/01

Name (line 2)

Execution Date
Month Day Year**Second Party**

Name (line 1)

Xiaodu Wang

10/5/01

Name (line 2)

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Texas/USA

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Area Code and Telephone Number (210) 886-9500

Name Michelle L. Evans

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Address (line 2) 700 N. St. Mary's Street, Suite 1500

Address (line 3) San Antonio, Texas 78205

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Patent Application Number(s)

Patent Number(s)

09/964,018

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.

Month Day Year

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Execution Date
Month Day Year

Name (line 1) James D. King

10/5/01

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

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Patent Application Number(s)

Patent Number(s)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of

Qingwen Ni, et al

§
§
§
§
§
§

Serial No.: Not Yet Assigned

Action: Assignment

Filed: September 26, 2001

**Title: Nuclear Magnetic Resonance Technology for Non-Invasive
Characterization of Bone Porosity and Pore Size Distribution**

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

WHEREAS, we, Qingwen Ni, a citizen of the United States of America, residing at 5815 Welsch View, San Antonio, Bexar County, Texas; Xiaodu Wang, a citizen of China, residing at 7810 Parsley, San Antonio, Bexar County, Texas; and James D. King, a citizen of the United States of America, residing at 7335 Wild Eagle, San Antonio, Bexar County, Texas, are joint inventors of new and useful improvements in **Nuclear Magnetic Resonance Technology for Non-Invasive Characterization of Bone Porosity and Pore Size Distribution** for which we have executed an application for Letters Patent which was filed on September 26, 2001; and WHEREAS, we represent that we are joint owners of said invention and 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 Qingwen Ni, Xiaodu Wang, and James D. King 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, including the right to claim the priority date of said

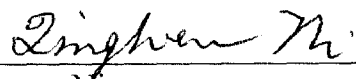
application and all other rights arising under the International Convention for the Protection of Industrial Property; (b) said application, including all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said 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 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.

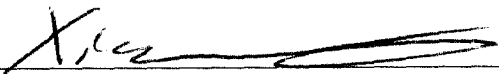
We covenant and agree that we and our executors or administrators will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and to perform all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said 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, application 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 to 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.

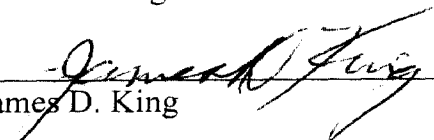
IN TESTIMONY WHEREOF, we have fully executed this Assignment this 5th day of Oct., 2001.



Qingwen Ni



Xiaodu Wang



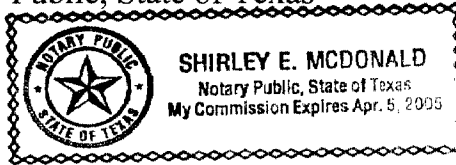
James D. King

STATE OF TEXAS §
 §
 COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared Qingwen Ni 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 5th day of October, 2001.

Shirley E. McDonald
 Notary Public, State of Texas



STATE OF TEXAS §
 §
 COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared Xiaodu Wang 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 5th day of October, 2001.

Shirley E. McDonald
 Notary Public, State of Texas



STATE OF TEXAS §
 §
 COUNTY OF BEXAR §

BEFORE ME, the undersigned authority, on this day personally appeared James D. King 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 5th day of October, 2001.

Shirley E. McDonald
 Notary Public, State of Texas

