FORM PTO-1595 RECORDAT	09-26-2003  U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
(´) PAT	
To the Honorable Commissioner of Patents and Trade	102559327 documents or copy thereof.
1. Name of conveying party(ies): 9.22.03	2. Name and address of receiving party(ies):
Labros S. Petropoulos, Hiroyuki Fujita, Mark Xueming Zou, Yun-Jeong Yang, Dan K. Spence, Joseph Murphy-Boesch, Pei H. Chan, and Dashen Chu	Name: <u>USA Instruments, Inc.</u> Street Address: <u>1515 Danner Drive</u> City: <u>Aurora</u> State: <u>OHIO</u>
Additional name(s) of conveying party(ies) attached?   Yes   No	Zip: 44202
3. Nature of Conveyance:  Assignment	Additional name(s) of receiving party(ies) attached? □ Yes 🗷 No
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the	the execution date of the application is:
A. Patent Application No.(s): 10/320,997	B. Patent No.(s):  R/FINANCE 8:
Additional number(s) a	I Yes No S
<ol><li>Name and address of party to whom correspondence concerning this document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1
Name: James M. Moore	
Street Address: 1801 East 9th Street	7. Total Fee (37 C.F.R. §3.41)\$40.00
Suite 1200	<b>⊠</b> Enclosed
	Authorized to be charged to Deposit Account for any uncovered fees
City: <u>Cleveland</u> State: <u>OH</u> Zip: <u>44114-3108</u>	8. Deposit Account No.
9/25/2003 DBYRNE 00000039 10320997	16-0820, Order No. 34257US1 (Attach duplicate copy of this page if paying by deposit account)
FC:8021 40.00 UP DO NOT US	E THIS SPACE
is a true copy of the original document.	ing information is true and correct and any attached copy $ \begin{array}{c}                                     $
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PATENT REEL: 014517 FRAME: 0832

## ASSIGNMENT (Joint)

WHEREAS, new and useful improvements and inventions have been made by the undersigned in

## HEAD RF QUADRATURE COIL ARRAY FOR PARALLEL IMAGING

for which an application for Letters Patent of the United States was filed on December 17, 2002, which application is identified by Serial No. 10/320,997 (Pearne & Gordon LLP Docket No. 34257US1).

WHEREAS, USA Instruments, Inc., a corporation of the State of Ohio, having a principal place of business at 1515 Danner Drive, Aurora, Ohio 44202, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold. assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue

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PATENT REEL: 014517 FRAME: 0833 any letters patent granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same. IN WITNESS WHEREOF, this assignment has been executed below by the undersigned: March 18,2003 Labros S. Petropoulos Post Office Address: 6559 Brookland Avenue, Solon, Ohio, 44139 U.S.A. STATE OF OHIO COUNTY OF The above named Labros S. Petropoulos, known to me, appeared before me this 18th day of \_\_\_\_\_Marsh \_\_\_\_\_, 2003, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth. Notary Public (Notarial Seal) My Commission Expires: Debbie H. Sun-Zou Notery Public, State of Ohio gnussion Expires November 26, 2007 Recorded in Geauga County Hiroyuki Fujita Post Office Address: 652 Davidson Drive, Highland Heights, Ohio, 44143 U.S.A. STATE OF OHIO COUNTY OF The above named Hiroyuki Fujita, known to me, appeared before me this 18 day , 2003, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth. (Notarial Seal) My Commission Expires:

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Debbie H. Sun-Zou
Notary Public, State of Ohio
My Commission Expires November 26, 2007
Recorded in Geauge County

PATENT REEL: 014517 FRAME: 0834

Mark Xueming Zou	March 18, 2003  Date I signed this assignment	
Post Office Address: 465 Sycamore Lane, Aurora, Ohio 44202 U.S.A.		
	) SS.	
The above named Mark Xueming 2 day of, 2003, an executed as his free act and deed for the u	Zou, known to me, appeared before me this _/ & _/ & _/ & _/ & _/ & _/ & _/ & _/	
	Notary Public	
(Notarial Seal)	My Commission Expires: <u>Debbie H. Sun-Zou</u> Notary Public, State of Ohio  My Commission Expires November 26, 2007	
Yun-Jeong Yang	Recorded in Geauga County  Mar. 18, 2003  Date I signed this assignment	
Post Office Address: 1744 Dunlap Drive, Streetsboro, Ohio 44241 U.S.A.		
STATE OF OHIO COUNTY OF	ss.	
The above named Yun-Jeong Yang, known to me, appeared before me this 18 had you of		
(Notarial Seal)	My Commission Expires:	

Debbie H. Sun-Zou Notary Public, State of Ohio My Commission Expires November 26, 2007 Recorded in Geauga County

D= 2-A-	25/A=/03
Dan K. Spence	Date I signed this assignment
Post Office Address: 1524 Woodland, Bry	yan, Texas 77802 U.S.A.
STATE OF OHIO TEXAS COUNTY OF BYQZOS	} ss.
The above named Dan K. Spence, of \( \frac{\frac{1}{2}}{2} \) \( \frac{1}{2} \) \( \	known to me, appeared before me this 25 <sup>th</sup> day acknowledged that the foregoing instrument was uses and purposes therein set forth.
AARYN ANDERSON Notary Public, State of Texas My Commission Expires SEPTEMBER 9, 2006	Huy Moleran Notary Public
(Notarial Seal)	My Commission Expires: Slept 9, 2006
Joseph Murphy-Boesch	Date I signed this assignment
Post Office Address: 835 Rock Creek Dri	ve, Aurora, Ohio 44202 U.S.A.
STATE OF OHIO COUNTY OFPartage	ss.
The above named Joseph Murphy day of	y-Boesch, known to me, appeared before me this 003, and acknowledged that the foregoing instrument the uses and purposes therein set forth.
	Delsa HSC
	Notary Public

(Notarial Seal)

My Commission Expires:

Debbie H. Sun-Zou Notary Public, State of Ohio My Commission Expires November 26, 2007 Recorded in Geauga County

AMI	
Pei H. Chan	3/18/2003 Date I signed this assignment
Post Office Address: 235 Beaumont Trail,	Aurora, Ohio 44202 U.S.A
STATE OF OHIO COUNTY OF Portage	} ss.
The above named Pei H. Chan, known as his free act and deed for the uses and put	own to me, appeared before me this _/obday of wledged that the foregoing instrument was executed arposes therein set forth.
	Notary Public
(Notarial Seal)	My Commission Expires: Debbie H. Sun-Zou  Notary Public, State of Ohio  My Commission Expires November 26, 2007  My Commission Expires November 26, 2007
Dashen Chu	My Commission Expires Notation 19 - 0 3 Recorded in Geauga County  Date I signed this assignment
Post Office Address: 2180 Jesse Drive, Hu	idson, Ohio 44236 U.S.A.
STATE OF OHIO Portage	} ss.
The above named Dashen Chu, known to me, appeared before me this 19 day of March, 2003, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes therein set forth.	
	Notary Public
(Notarial Seal)	My Commission Expires:

Debbie H. Sun-Zou Notary Public, State of Ohio My Commission Expires November 26, 2007 Recorded in Geauga County

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**RECORDED: 09/16/2003**