FORM PTO- Expires 06/30/99 OMB 0651-0027	OFFICE OF PUBLIC RECORDS  2002 APR 12 PM 2: 58  FINANCE OSE CITON		114	J.S. Department of Commerce Patent and Trademark Office PATENT		
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Submission  + New	4-12-02		ecurity Agree	ement		
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Reel #	Frame #		Government	Agencies)		
Reel#	Frame #	Department		Secret File		
Conveying F	Party(ies)	Mark if additional names of o	conveying partie			
Name (line 1)		Powell, James R.		Month Day Year 04022002		
Name (line 2)						
Second Party		David Mark		Execution Date Month Day Year		
Name (line 1)		Reich, Morris		04012002		
Name (line 2)						
Receiving P	arty	Mark if addit	ional names of r	receiving parties attached		
Name (line 1)	Radioactive l	Isolation Consortium, LLC		if document to be recorded is an assignment and the		
Name (line 2)	a limited liability company of Virginia receiving party is not domiciled in the United					
Address (line 1)	States, an appointment of a domestic					
` '!	700	708 East Broad Street representative is attached.  (Designation must be a separate document from				
Address (line 2)				Assignment.)		
Address (line 3)	Falls Church	VA State/Country	220 Zip C			
Domestic Re	epresentative Name and A					
Name		Louis Ventre, Jr.				
Address (line 1)	Attorney at Law					
Address (line 2)	2483 Oakton Hills Drive					
Address (line 3)	Oakton, Virginia 22124-1530					
Address (line 4)	4)					
FOR OFFICE USE ONLY						
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\ Public burden reportir	g for this collection of information is estimated to ded to complete the Coyer Sheet. Send comments	average approximately 30 minutes per Cover Sheet				

o Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB in Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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FORM PTO- Expires 06/30/99 OMB 0651-0027	1619B Docket No. 00-RIC-03	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT			
Corresponde	ent Name and Address	Area Code and Telephone Num	ber 703-938-8789			
Name [		Louis Ventre, Jr.				
Address (line 1)		Attorney at Law				
Address (line 2)	2483 Oakton Hills Drive					
Address (line 3)		Oakton, VA 22124-1530				
Address (line 4)						
Pages	Enter the total number of pagincluding any attachments.	es of the attached conveyance de	ocument # 1			
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	being filed together with a <u>new</u> Patent named executing inventor.	Application, enter the date the patent app	plication was Month Day Year			
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•	ayment by deposit account or if addition	onal fees can be charged to the account.) posit Account Number:	#			
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Statement an	d Signature					
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Lo	uis Ventre, Jr.	Von Vento V	9 04042002			
Name o	of Person Signing	Signature	Date			

PATENT REEL: 012815 FRAME: 0981

APPL . N G. Docket No. 09/740, 41 6 00-RIC-03

## **ASSIGNMENT**

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we,

JAMES R. POWELL and MORRIS REICH : (Assignors)

hereby sell, assign, convey, and transfer to

## RADIOACTIVE ISOLATION CONSORTIUM, LLC

; (Assignee)

located and having a place of business at 708 East Broad Street, Falls Church, Virginia 22046, its successors and assigns the entire right, title and interest in, and to the improvements in, an invention entitled

Advanced Vitrification System Frit

invented by us, as described in the application for United States patent executed concurrently herewith, and in any and all applications for patent therefor in all countries, including all divisions, reissues, continuations, and extensions thereof, and all rights of priority resulting from the filing of the United States application; and

authorize and request any official whose duty it is to issue patents, to issue any patent on the invention and the improvements or resulting therefrom to the Assignee, or its successors or assigns; and

agree that on request and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee or its representatives or nominees any facts known to us respecting the invention and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, and other applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and improvements in all countries; and

covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into by us which would conflict with this assignment, and that full right to assign the invention and improvements is possessed by us.

- uit name of first assignor	James R. Powell			
Signature	Date			
Residence address	Shoreham, New York			
Citizenship	USA			
Post Office address	9 Soundview Drive, Shoreham, New York 11786			
State of	cc.			
County of	SS:			
Before me personally appeared said	James R. Powe	II		
and acknowledged the foregoing instru	ument to be his free act and deed this	day of	, 2002	
Seal				
	Signature	4 - Mary		
Full name of second assignor	Morris Reich			
Signature / ( )	Date 4	102		
Residence address	Kew Gardens Hills, New York	(		
Citizenship	USA			
Post Office address 7	72-28 139th Street, KeweGardens Hills, Nev	w York 11367		
State of NY	Notary Public, State of New York No. 41-4810569			
County of QUELS	SS: No. 41 4810569 Qualified in Queens County Commission Expires			
Before me personally appeared said	Morris Reich	~		
and acknowledged the foregoing instru	ument to be his free act and deed this	day of	7 , 2002	
Seal		0.0	~~	
Jeal	Signature	Land	an Dea	
and provide a contract of the	The state of the s	7		

PATENT

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Notary

My Comm

County of

Before me personally appeared said

Seal

**RECORDED: 04/12/2002** 

and acknowledged the foregoing instrument to be his free act and deed this

		۸-۱-۸-	. 09/740,911				
ASSIGN	MENT	Docket No.	00-RIC-03				
In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, we, JAMES R. POWELL and MORRIS REICH ; (Assignors)							
	reby sell, assign, convey, and tr						
located and having a place of business at 708 East Broad Street, Falls Church, Virginia 22046, its successors and assigns the entire right, title and interest in, and to the improvements in, an invention entitled  Advanced Vitrification System Frit invented by us, as described in the application for United States patent executed concurrently herewith, and in any and all applications for patent therefor in all countries, including all divisions, reissues, continuations, and extensions thereof, and all rights of priority resulting from the filing of the United States application; and authorize and request any official whose duty it is to issue patents, to issue any patent on the invention and the improvements or resulting therefrom to the Assignee, or its successors or assigns; and agree that on request and without further consideration, but at the expense of the Assignee, we will communicate to the Assignee or its representatives or nominees any facts known to us respecting the invention and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, and other applications, make all rightful oaths and generally do everything possible to aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and improvements in all countries; and cover ant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into by us which would conflict with this assignment, and that full right to assign the invention and improvements is possessed by us.  Full name of first assignor							
Signature June 5	R Towell De	ate 4/2/02	<u> </u>				
Residence address	Shoreham.	New York'					
Citizenship	USA						
State of New York  County of Success  Sector	9 Soundview Drive, Shor		36				
Before me personally appeared said		mes R. Powell	04.11				
WARIAN TREUDLER the foregoing Instru Public - State of New York NO. 01TR6035578	ment to be his free act and dee	d this 2 hd day of	(1905) . 2002				
lified in Suffolk County		Signature					
ssign Expires second essignor	Mo	mis Reich					
Signature		Date					
Residence address	Kew Gardens H	tilis, New York					
Citizenship	USA						
Post Office address 7	2-28 139th Street, Kew Gard	dens Hills, New York	11367				
State of							

PATENT REEL: 012815 FRAME: 0983

Morris Reich

Signature