P. D. 1505	00-10-2002	
Form PTO-1595 (Rev. 6/93)		ET U.S. DEPARTMENT OF COMMERCE Patent And Trademark Office
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To the Honorable Commissioner of Patents a	102191785	d original documents or copy thereof.
1 Name of conveying party(ies):	2	Name and address of receiving party(ies):
Stephen J. Lippard	14 M in u2	Name Managhuratta Instituta af Tashuraha
Shawn Burdette FINAN	z section	Name: Massachusetts Institute of Technology
	14.02	Internal Address:
Additional name(s) of conveying party(ies) attached	, ,	
4. Nature of conveyance:		
	r 3.	Street Address: Five Cambridge Center, NE25-230
☐ Security Agreement ☐ Chang	e of Name	
Other		
Execution Date: August 6, 2002		City: Cambridge State: MA Zip: 02139
Execution Date. August 6, 2002		Additional name(s) & addresses attached? Yes No
5. Application number(s) or patent num	ber(s):	145 2 110
	• •	he filing date of the application is:
	1	•
A. Patent Application No.(s) 10/124		B. Patent No.(s):
	Additional numbers attache	
6. Name and address of party to whom concerning document should be mailed		7. Total number of applications and patents involved (1)
Name: Patent Group	zu.	involved (1)
Internal Address: Foley Hoag LL	P 8.	Total Fee (37 CFR 3.14) \$ 40.00
Internal Address. Toley Floag ED	0,	
		⊠ Enclosed
Street Address: 155 Seaport Boul	evard	Authorized to be charged to deposit account
City: Boston State: MA	ZIP <u>: 02210</u> 9.	Deposit account number:
		06-1448, Ref.
	(7	Attach duplicate copy of this page if paying by deposit account)
	DO NOT USE THIS	SPACE
10. Statement and signature.		
	ef, the foregoing informatio	on is true and correct and any attached copy is a true
copy of the original document.		
Dana M. Gordon, Reg. No. 44,719	Dana k	Jordan 08/08/02
Name of Person Signing and Reg. No.		Signature Date
Total number of pa	ges including cover sheet,	attachments, and document: (3)
•		red cover sheet information to:
	oner of Patents & Tradem	

Washington, D.C. 20231

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PATENT REEL: 013183 FRAME: 0767

ASSIGNMENT

WHEREAS, we, Stephen J. Lippard, of 15 Humboldt Street, Cambridge, MA 02148, and Shawn Burdette, of 28A Plymouth Street, Cambridge, MA 02141, have developed certain inventions described in a patent application entitled Fluorescent Metal Sensors, and Methods of Making and Using the Same, filed on April 17, 2002 and having U.S. Application No. 10/124,742, having full right to convey their entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, MASSACHUSETTS INSTITUTE OF TECHNOLOGY ("Assignee"), of Five Cambridge Center, NE25-230, Cambridge, MA, a corporation of the Commonwealth of Massachusetts, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said Assignee, its successors and assigns, their entire right, title and interest throughout the world in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any applications to which the aforesaid application claims priority; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

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PATENT REEL: 013183 FRAME: 0768

IN TESTIMONY WHEREO on the date after their signatures.	OF, the undersigned have	ve hereunto set their hands and	seals
Stephen J. Lippard		Date Date	
Commonwealth of Massachusetts County of Middlesex)		
On this the day Stephen J. Lippard, to me personally Foregoing assignment, and acknowle	Motary Public	me as his free act and deed.	ppeared ed the
Shawn Burdette		8/ B /2002 Date	_
Commonwealth of Massachusetts County of Middlesen)		
On this the 6 ⁺⁴ day Shawn Burdette, to me personally knoregoing assignment, and acknowled	Notary Public	me as his free act and deed.	ppeared the

20/505036.1 - 2 -

RECORDED: 08/14/2002

PATENT REEL: 013183 FRAME: 0769