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Name (line 2) Second Party Name (line 1) John R. Williams Name (line 2)		Execution Date Month Day Year Feb-4-2002
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		FAIENI
Correspondent Name and Address	Area Code and Telephone Numbe	er 781-890-5678
Name Roy J. Coleman	77 (*** - 18 - 18 - 18 - 18 - 18 - 18 - 18 -	
Address (line 1) Iandiorio & Teska		
Address (line 2) 260 Bear Hill Road		
Address (line 3) Waltham, MA 02451-1018		
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Statement and Signature		
To the best of my knowledge and bell attached copy is a true copy of the or indicated herein. Roy J. Coleman	ief, the foregoing information is tru riginal document. Charges to depo	ue and correct and any osit account are authorized, as
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Name (line 1)	Christopher E. Dubé	02/04/2002
Name (line 2)	7575 02575	Execution Date Month Day Year
Name (line 1)		
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PATENT REEL: 012614 FRAME: 0288

ASSIGNMENT

For valuable consideration, we, Anthony Petrovich, residing at 205 Apache Way, Tewksbury, MA 01876 and being a citizen of the United States of America, John R. Williams, residing at 70 Outlook Drive, Lexington, MA 02421 and being a citizen of the United States of America, and Christopher E. Dubé residing at 27 Hayward Avenue, Lexington, MA 02421 and being a citizen of the United States of America (hereinafter "the Assignors"), hereby assign to The Charles Stark Draper Laboratory, a Massachusetts corporation having its principal place of business at 555 Technology Square, Cambridge, Massachusetts 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on even date herewith entitled

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this assignment including said United States patent and any and all foreign patents granted for said inventions or improvements; and we agree for ourselves and our heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, preliminary statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

In Witness Whereof, we hereto set our hands and seals at
this 4th day of Jebruary, 2002.
anthony Petrovich John R. Williams
Anthony Petrovich John R. Williams
Christopher . Duke
Christopher E. Dubé
State of Massachusetts
County of Middlesox
Before me this day of tebruary, 2002, personally appeared Anthony
Petrovich, John R. Williams, and Christopher E. Dubé, known to me to be the persons whose name
Petrovich, John R. Williams, and Christopher 2. Spect, and the same as their are subscribed to the foregoing assignment and acknowledged that they executed the same as their
free act and deed for the purposes therein contained.

[Notary's seal here

My commission expires:

UV-102J

RECORDED: 02/14/2002

PATENT REEL: 012614 FRAME: 0289