



**CALIFORNIA INSTITUTE OF TECHNOLOGY**  
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Date: April 1, 2005

Refer to: LIGO-L050015-00-U

Subject: Loan of spare components to Moscow State University

To whom it may concern:

This letter serves as authorization for the loan of the following equipment to Profs. Vladimir Braginsky, Valery Mitrofanov, and Igor Bilenko, and their research group at Moscow State University:

Item	Manufacturer	Quantity
Aspheric, Achromatic, and Cylindrical Lenses	Thorlabs	17
Optical Fiber Patch Cable	Thorlabs	1
Picomotor Actuator with Power Supply, Driver, and Computer Interface	New Focus	1

This equipment is spare property of Caltech and is loaned to the Moscow State University group for the purpose of joint research in support of the Laser Interferometer Gravitational-wave Observatory (LIGO) Project. It will be returned to Caltech at the conclusion of this joint research.

Sincerely,

Phil Willems  
Senior Scientist, LIGO Detector Group

cc: Document Control Center