FORM PTO-1619A Expires 06/30/99 OMB 0651-0027



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PATENT REEL: 011732 FRAME: 0651

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Title : Multidimensional Contact Mechanics Measurement System

Inventor(s) : Barry N. Lucas and John C. Hay

Serial No : 09/784,494 Filing Date: February 15, 2001

Contractor : Fast Forward Devices

DOE Contract No. : DE-FG02-97ER82436

DOE Case No. : **S-97,140**

Patent Rights Clause No.: DEAR 952.227-11

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(SEAL)	Fast Forward Devices
	By: Just Contractor) (Contractor) Aug Chief Managury Office (Contractor)
	(Contractor's Official and Title) 11628 Adway School Rd, Suite 113 (Puringer Address) (Puringer Address)
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PATENT
RECORDED: 04/26/2001 REEL: 011732 FRAME: 0652