

FCR 9

Office of the President
May 6, 2003

Members, Board of Trustees:

TOYOTA MOTOR CORPORATION GIFT AND GIFT-IN-KIND

Recommendation: that the Board of Trustees accept a gift of \$300,000 and a gift-in-kind of \$330,000 from Toyota Motor Corporation (TMC) of Aichi, Japan, to support the research of Dr. Kozo Saito in the Department of Mechanical Engineering in the College of Engineering. The gift will be used to purchase computing equipment to enhance Dr. Saito's research in painting technology. The gift-in-kind consists of specialized computer equipment also to be used for this research initiative.

Background: TMC has a longstanding relationship with the Department of Mechanical Engineering and the Center for Robotics and Manufacturing Systems through research collaborations and the Toyota Fellows program. The relationship was expanded in 1998 with the establishment of the Painting Technology Consortium, consisting of UK, TMC and related automobile industry members. Dr. Saito, along with other faculty and staff, has conducted research that has produced three major breakthroughs in painting technology: an overspray paint-capturing device; creation of an infrared inspection system; and a spray gun development initiative. Still in the development stage, the new spray gun will allow 80 percent of the paint spray to remain on the vehicle instead of the present 50 percent. When the 80 percent rate is achieved, Dr. Saito's research and invention will result in substantial savings at each of Toyota's 12 plants worldwide.

Action Taken: Approved Disapproved Other _____