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December 20, 1999

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Atty. Ref.: WMU Case 23

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Name of Conveying Party(ies): Mitchel J. KEIL

Name and Address of Receiving Party(ies):

The Board of Trustees of Western Michigan University 2070 Administration Building

Kalamazoo, MI 49008-5162

Nature of Conveyance:

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Patent Application Numbers:

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To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Respectfully submitted,

TO MAKE TO THE

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120.9803

PATENT REEL: 010479 FRAME: 0326

ASSIGNMENT WHEREAS, I, Mitchel J. KEIL hereinafter called "ASSIGNOR", residing at 22701 Bluebird Ave. Mattawan, MI 49071 have invented certain new and useful improvements in MULTI-CHANNEL FIBER-OPTIC ROTARY JOINT for which an application for United States Letters Patent was signed by me on even date herewith; and The Board of Trustees of Western Michigan University hereinafter called "ASSIGNEE", a corporation of the State of Michigan having a place of business at 2070 Administration Building Kalamazoo, MI 49008-5162 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries. NOW, THEREFORE, in consideration of the sum of $Ten\ Dollars$) to me in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, I, the said ASSIGNOR have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof. I hereby authorize and request the Patent Office Officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of the said ASSIGNEE, its successors and assigns. FURTHER, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful paths and generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries. IN TESTIMONY WHEREOF, I have hereunto set my hand this_____ December Signed in the presen David STATE OF Michigan COUNTY OF Kalamazoo 16th

who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for

On this _____ day of _____ December personally appeared before me the above-named _____ Mitchel J. KEIL

the purposes set forth in said instrument.

RECORDED: 12/20/1999

SEAL.

My Commission expires

7/28/03

December

____, to me known and known to me to be the person described in and

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