

ASSIGNMENT

WE, Thomas Albert BRYAN and Andrew C. BARTLETT, of Westborough, Massachusetts, in consideration of One Dollar and other valuable consideration paid to us by

The MathWorks, Inc.

a Corporation of Delaware, having its principal place of business at 3 Apple Hill Drive, Natick, Massachusetts 01760, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

The MathWorks, Inc.

its successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

**A SYSTEM AND METHODS FOR DETERMINING ATTRIBUTES FOR ARITHMETIC
OPERATIONS WITH FIXED-POINT NUMBERS**

described in an application

☐ Executed by us of even date herewith and about to be filed

or

☒ Application No. 11/135,902, filed on May 23, 2005

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and its successors and assigns but at its or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of Lahive & Cockfield, LLP, the power to insert on this Assignment the filing date and/or application number of said application.

Thomas Albert Bryan
Thomas Albert Bryan

Date: 27 June 2005

United States of America)
State of Massachusetts ss.:
County of Middlesex)

On this 27th day of June, 2005 before me, the
the undersigned notary public, personally appeared Thomas Albert Bryan
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA driver's license, to be the person whose name
is signed on the preceding or attached document in my presence.

Mary P. Carrara (official signature and seal of notary)
My commission expires June 12, 2009





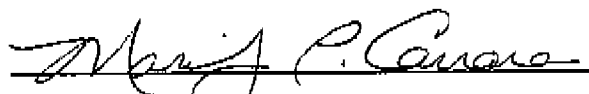
Andrew C. Bartlett

Date: 6/29/2005

United States of America

State of Massachusetts ss.:County of Middlesex

On this 29th day of June, 2005 before me, the
the undersigned notary public, personally appeared Andrew C. Bartlett
(name of document signer), proved to me through satisfactory evidence of identification,
which was MA driver's license, to be the person whose name
is signed on the preceding or attached document in my presence.

 (official signature and seal of notary)My commission expires June 12, 2009