

Nova Sensors Publications Listing
Last Updated February, 2005

Massie, M. A., "Mirror Thickness Profile Determination for a Variable Focus Device", SPIE Optical Engineering, March/April, 1983.

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Massie, M.A., "A Complete End-To-End Infrared Sensor CAD System - The Key to Affordable Focal Plane Designs", Proc. of IRIS, Passive Sensors, January, 1991.

Huynh, B., C. Fletcher, M. Massie, "The Flexible Random-Access Multiplexer Engine (FRAME) Readout Architecture", Proceedings of the IRIS Specialty Group on Passive Sensing, February 1991.

Massie, Mark A., "CAD system evaluates focal-plane imagers", Laser Focus World, July, 1991.

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Huynh, B. L., J. T. Woolaway, C. F. Fletcher, M. A. Massie, "The 'FRAME' Architecture, A Scaleable Region-of-Interest Processing Readout Design", IRIS Specialty Group on Passive Sensors, Vol. 1, 18-20 Feb., 1992.

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Massie, M. A., J. T. Woolaway, B. L. Huynh, G. A. Johnson, J. P. Curzan, "Neuromorphic infrared focal plane performs on-plane local contrast enhancement, spatial and temporal filtering", SPIE, Orlando, 1992.

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Massie, M, "The Neuromorphic Infrared Focal Plane and Follow-On Concepts", Proc. of the DOD Smart Staring IRFPA Workshop, Ft. Belvoir, VA, July, 1993.

Massie, Mark, "Neuromorphic infrared sensor mimics retina vision process", Laser Focus World, August, 1993.

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Curzan, J., A. Adams, B. Huynh, M. Massie, "IR Retinal Vision Processor Hybrid IC", Meeting of the International Solid State Circuits Conference (ISSCC94), San Francisco, February, 1994.

Hinnrichs, Michele and Mark Massie, "A New and Innovative Instrument for Infrared Imaging Spectroscopy", IRIS Targets, Backgrounds and Discrimination, February, 1994, Naval Postgraduate School.

Massie, Mark and Michele Hinnrichs, "Hyperspectral Imaging Radiometer Using Staring 128 x 128 InSb Focal Plane Array and Diffractive Optics", IRIS Passive Sensors, March, 1994, Sandia Laboratory.

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