FORM PTO-1619A

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5,999,961 **U.S. Department of Commerce** FORM PTO-1619B **Patent and Trademark Office** Page 2 Expires 06/30/99 **PATENT** OMB 0651-0027 **Correspondent Name and Address** Area Code and Telephone Number (703) 696-4006 Name JEAN TRUMAN Address (line 1) OFFICE OF NAVAL RESEARCH Address (line 2) OFFICE OF COUNSEL Address (line 3) 800 NORTH QUINCY STREET Address (line 4) ARLINGTON 22217-5660 VA **Pages** # 1 Enter the total number of pages of the attached conveyance document including any attachments. Application Number(s) or Patent Number(s) Mark if additional numbers attached Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property). Patent Application Number(s) Patent Number(s) 5999961 If this document is being filed together with a new Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor. Patent Cooperation Treaty (PCT) **PCT PCT PCT Enter PCT application number** only if a U.S. Application Number PCT **PCT** PCT has not been assigned. **Number of Properties** 1 Enter the total number of properties involved. No fee Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ Method of Payment: Enclosed Deposit Account **Deposit Account** (Enter for payment by deposit account or if additional fees can be charged to the account.) **Deposit Account Number:** Authorization to charge additional fees: Statement and Signature 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. Charges to deposit account are authorized, as indicated herein. 10/19/01 THOMAS E. MCDONNELL Name of Person Signing

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PATENT REEL: 012407 FRAME: 0425

License to the United States Government

Intention Title: Parallel Prefix Operations in Asynchronous Processors

Inventors: Rajit Manohar & Alain Martin

Patent or Application Serial No: 5,999,961

US Filing/Issue Date: 12/7/99

Grant/Contract Identification No: N00014-87-K-0745

Foreign Applications filed/intended in (countries): N/A

The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14 or FAR 52.227-11, which are included among the terms of the above-identified grant/contract award from the Office of Naval Research. This document is confirmatory of:

- 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patent and re-issues granted thereon throughout the world; and
- All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations which are applicable to the award.

The Government is here by granted an irrevocable power to inspect and make copies of the above-identified patent application.

California Institute of Technology 1200 E. California Boulevard Pasadena, California 91125

Dated: February 12, 2001

RECORDED: 12/31/2001

Adam Cochran

The Intellectual Property Counsel

CIT File No: 2048-C

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