

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

01-18-2001

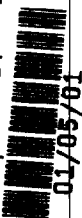
U.S. Department of Commerce
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PATENT



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- New
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- Assignment Security Agreement
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FORM PTO-1619B
Expires 06/30/99
OMB 0651-0027

Docket No.: 250-830
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U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address Area Code and Telephone Number (703) 790-9110

Name Donald R. Studebaker

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Address (line 3) McLean, Virginia 22102

Address (line 4) (703) 790-9110

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 4

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Date Year
December 22 2000

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

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Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00


Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.) # 19-2380

Authorization to charge additional fees: Yes No

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.

Donald R. Studebaker  1/5/01 Date

Name of Person Signing Signature

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.
United States Patent Rights

ATTORNEY DOCKET NO.

ASSIGNMENT

Serial No. _____

Filed _____

WHEREAS, Yoshifumi Noguchi and Xiong Jianmin

Insert Name(s)
of Inventor(s)

Insert Title of
Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

"METHOD OF AND APPARATUS FOR CALCULATING BINARY-CODING
THRESHOLD VALUE"

Insert Date of
Signing of
Application

for which an application for Letters Patent of the United States of America has been executed by the undersigned on
December 22, 2000; and

Insert Name of
Assignee

WHEREAS, Riso Kagaku Corporation

Insert Address
of Assignee

of 2-20-15, Shinbashi, Minato-ku, Tokyo, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (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 of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Sixbey, Friedman, Leedom & Ferguson, P.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness whereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date December 22, , Name of Inventor *Yoshifumi Noguchi* (signature) (SEAL)
2000

Date December 22, , Name of Inventor *Xiong Jianmin* (signature) (SEAL)
2000

Date _____ , Name of Inventor _____ (signature) (SEAL)

Date _____ , Name of Inventor _____ (signature) (SEAL)

Date _____ , Name of Inventor _____ (signature) (SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)

Witness _____ (name) _____ (signature)

Witness _____ (name) _____ (signature)

Witness _____ (name) _____ (signature)