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PATENTS REC

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Hiroaki HATTORI

Individual

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

NEC Corporation
7-1, Shiba 5-chome, Minato-ku
Tokyo, Japan

Corporation of Japan

Additional name(s) & address(es) attached? No

3. Nature of conveyance:

Assignment

Execution Date: August 24, 1999

09/399699

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: August 24, 1999

A. Application No.(s)

B. Patent No.(s)

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5. Name and address of party to whom
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6. Total number of documents involved: 1

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PATENT
REEL: 010270 FRAME: 0538

U.S. ASSIGNMENT - (SOLE OR JOINT)
LETTERS OR DESIGN PATENT APPLICATION
EXECUTED OUTSIDE U.S.A.

OFGS FILE NO.

P/2635-37

WHEREAS, I (We) HIROAKI HATTORI

of Tokyo, Japan

as assignor(s), have invented certain improvements in

REFERENCE PATTERN PRODUCING APPARATUS WITH CONTROLLED CONTRIBUTION OF

LEARNING COEFFICIENTS

for which an application for United States Patent
has been executed by me (us) of even date herewith
and whereas

NEC Corporation

7-1, Shiba 5-chome, Minato-ku,

Tokyo, Japan

as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledge, I, as assignor, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said invention or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said invention and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said invention, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid said assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all countries, the expenses incident to said applications to be borne and paid by said assignee.

Dated: August 24, 1999

Hiroaki Hattori



HIROAKI HATTORI

Witness;

Fumitake Watanabe

[Signature]

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