

05-02-2000

Atty. Docket No.: 1248-497P
Page 1 of 2

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HEET

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

m204/19/00

1. Name of conveying party(ies):

SHIGEMASA, Haruhiko: YAEAWA, Kazuhiro:
TANNO, Masaaki: SHIMOYAMA, Nobuhiro: and
TAKEDA, Tadao

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: March 13, 2000; March 13, 2000; March
9, 2000; March 9, 2000; and March 9,
2000, respectively

2. Name and address of receiving party(ies)

Name: SHARP KABUSHIKI KAISHA

Internal Address:

Street Address: 22-22 Nagaike-cho Abeno-ku

City: Osaka

State:

ZIP:

Country: Japan

Postal Code: 545-8522

Additional name(s) & address(es) attached? ☒ Yes ☐ No

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: March 13, 2000; March
13, 2000; March 9,
2000; March 9, 2000;
and March 9, 2000
respectively

A. Patent Application No(s).

NEW

B. Patent No.(s).

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP

Street Address: P.O. BOX 747

City: FALLS CHURCH State: VA ZIP: 22040-0747

Country: USA

6. Total No. of applications/patents involved: ONE (1)

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☒ Enclosed
☒ Authorized to be charged to deposit account,
if no fee attached.

8. Deposit account number: 02-2448

(Attach triplicate copy of this page
if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.Terrell C. Birch, #19,382
Name of Person Signing/Reg. No.

Signature

April 19, 2000
Date

Total number of pages including cover sheet, attachments, and document: FOUR (4)

TCB/DPT

PATENT
REEL: 010736 FRAME: 0983

Attachment to
RECORDATION FORM COVER SHEET

Continuation of Box 1--Name of conveying party(ies):

Continuation of Box 2--Name and address of receiving party(ies):

NIPPON TELEGRAPH AND TELEPHONE CORPORATION
3-1 Otemachi 2-chome Chiyoda-ku
Tokyo 100-8116
Japan

Continuation of Box 4--Application number(s) or patent number(s):

PATENT
REEL: 010736 FRAME: 0984

BIRCH, STEWART, KOLASCH & BIRCH, LLP

**UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**

ATTORNEY DOCKET NO.
1248-497P

ASSIGNMENT

Application No. NEW

Filed April 19, 2000

Insert Name(s) of Inventor(s) ➡ **WHEREAS,** Haruhiko SHIGEMASA, Kazuhiro YAEAWA,
Masaaki TANNO, Nobuhiro SHIMOYAMA and
Tadao TAKEDA

Insert Title of Invention ➡ (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____
MICROCOMPUTER HAVING BUILT-IN NONVOLATILE MEMORY AND CHECK SYSTEM THEREOF
AND IC CARD PACKING MICROCOMPUTER HAVING BUILT-IN NONVOLATILE MEMORY AND
CHECK SYSTEM THEREOF
for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date of Signing of Application ➡ on March 13, 2000 and March 9, 2000; and

Insert Name of Assignee ➡ **WHEREAS,** Sharp Kabushiki Kaisha and
Nippon Telegraph And Telephone Corporation

Insert Address of Assignee ➡ of 22-22 Nagaike-cho Abeno-ku Osaka 545-8522 Japan and
3-1 Otemachi 2-chome Chiyoda-ku Tokyo 100-8116 Japan

CHECK BOX
IF APPROPRIATE ➡ ☐ 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 and ☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) 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 does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, 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, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

PATENT
REEL: 010736 FRAME: 0985

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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 continuation, division, conversion or reissue thereof or Letter 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 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 of America patent(s) or a grant of a valid United States of America and any foreign 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 Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion 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 Birch, Stewart, Kolasch & Birch, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date	<u>March 13, 2000</u>	Name of Inventor	<u>Haruhiko SHIGEMASA</u>
		(signature)	
Date	<u>March 13, 2000</u>	Name of Inventor	<u>Kazuhiko Tagawa</u>
		(signature)	
Date	<u>March 9, 2000</u>	Name of Inventor	<u>Masaaki Tami</u>
		(signature)	
Date	<u>March 9, 2000</u>	Name of Inventor	<u>Tokuhiro Shimoyama</u>
		(signature)	
Date	<u>March 9, 2000</u>	Name of Inventor	<u>Tadao Takeda</u>
		(signature)	
Date	_____	Name of Inventor	_____
		(signature)	

RECORDED: 04/19/2000

PATENT
REEL: 010736 FRAME: 0986