| *                                                                                                                                          |                        |                                                     |                                           | Atty. DKt. No. 037  | 20//0130                                |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------|-------------------------------------------|---------------------|-----------------------------------------|
| FORN, PTO-1595 (modified)                                                                                                                  | 07-11-                 | 2000                                                |                                           | U.S. DEPARTMENT OF  | COMMERCE                                |
| (Rev 6-93)                                                                                                                                 |                        |                                                     | SHEET                                     | Patent and          | Trademark Office                        |
| · · <del>-</del> ·                                                                                                                         |                        |                                                     |                                           |                     |                                         |
| To the Commissioner of Patents and                                                                                                         | 101399226              |                                                     | ned original documents or copies thereof. |                     |                                         |
|                                                                                                                                            | •                      | 2 Name and                                          |                                           | ceiving party(ies): |                                         |
| Name of conveying party(ies):                                                                                                              |                        | 2. Name and                                         | address of fet                            | cerving partyles.   | _ =====                                 |
| Motonari FUSE                                                                                                                              |                        |                                                     |                                           |                     | PTO                                     |
| 6-23-                                                                                                                                      | W)                     |                                                     |                                           | ne, Minato-ku       | .s. n 6580<br>09/59939                  |
| Additional conveying party(ies)  3. Nature of conveyance:  ASSIGNMENT  Execution Date:                                                     | NO                     |                                                     |                                           |                     |                                         |
| June 16, 200                                                                                                                               |                        | Additional nam                                      | ne(s) & addres                            | s(es) attached? N   | 0                                       |
| 4. Application number(s) or patent no                                                                                                      | umber(s):              |                                                     |                                           |                     |                                         |
| If this is being filed together with  A. Patent Application Numb  O 9 5993                                                                 | er(s):                 | B. Pat                                              | of the applica                            |                     | 6, 2000                                 |
| 5. Name and address of party to who                                                                                                        | -                      | 6. Total number of applications/patents involved: 1 |                                           |                     |                                         |
| concerning document should be m                                                                                                            | alleu:                 | 7. Total fee (3                                     | 37 C F R 8 3                              | 41): \$40.0         | 00                                      |
| David A. Blumenthal                                                                                                                        |                        | 7. Total ice (c                                     | )/ C.I .II. 3 G.                          | 41). <b>4101</b>    | , ,                                     |
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| 9. Statement and signature:  To the best of my knowledge is a true copy of the original document  (6) 200 (1) 100 (1) 17 12 36 (1)  (C:581 | nt. The Commissioner   | is hereby autho                                     | rized to charg                            |                     | ordation                                |
| Name of person signing                                                                                                                     |                        | Signature Ry N                                      | 0. 38,819                                 | Dat                 |                                         |
| To                                                                                                                                         | otal number of pages i | ncluding cover                                      | sheet, attachr                            | ments, and documer  | nt: 2                                   |

07/

## **ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto NEC Corporation name and 7-1, Shiba 5-chome, Minato-ku, address of Tokyo, Japan assignee (hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to title of APPARATUS FOR MEASURING THROUGHPUT AND METHOD OF MEASURING THROUGHPUT invention as set forth in this United States Patent Application check one executed concurrently herewith executed on Serial No. Filed

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

| NAMES AND SIGNATURES OF INVENTORS |                                |                |    |  |
|-----------------------------------|--------------------------------|----------------|----|--|
| Name: MOTONARI FUSE               | Signature: Motonari Trise (#1) | Date: June 16, | 00 |  |
| Name:                             | Signature:                     | Date:          |    |  |
| Name:                             | Signature:                     | Date:          |    |  |
| Name:                             | Signature:                     | Date:          |    |  |
| NAMES AND SIGNATURES OF WITNESSES |                                |                |    |  |
| Name:                             | Signature: Soichi Oshikawa     | Date:          |    |  |
| Name:                             | Signature:                     | Date:          |    |  |

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

RECORDED: 06/23/2000

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