

EU189967665US

In place of Form PTO-1595
US1

08-13-2002

Docket No. AUS920020227



102187826

To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

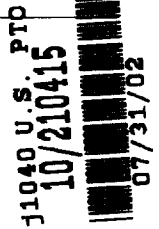
1. Name of conveying party(ies):

Toshihiko Kurihara
Hideki Mitsubayashi
Michitaka Okuno
Masahiro Tokoro

07/31/02

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

Hitachi, Ltd.
6 Kanda Surugadai 4-chrome
Chiyoda-ku
Tokyo



3. Nature of conveyance:

X Assignment

Execution Date: 07/04/02, 07/26/02, 07/26/02, 07/26/02

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 07/04/02, 07/26/02, 07/26/02, 07/26/02

A. Patent Application No.(s)

10/210415

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Mark E. McBurney
IBM Corporation
Intellectual Property Law
11400 Burnet Road
Austin, TX 78758
(512) 823-1003

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

X Authorized to be charged to deposit account

8. Deposit account number:

09-0447

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.

Mark E. McBurney
Name of Person Signing

Mark E. McBurney
Signature

7-29-02
Date

Total number of pages including cover sheet: 3

08/12/2002 6TOM11 00000090 090447 10210415
01 FC:581 40.00 CH

PATENT
REEL: 013172 FRAME: 0372

ASSIGNMENT

Whereas, we,

(1) Toshihiko Kurihara

of Kanagawa-ken,
Japan

and

(2) Hideki Mitsubayashi
County of Travisof Austin
and State of Texas

and

(3) Michitaka Okuno

of Nagano
Japan

And

(4) Masahiro Tokoro

of Kanagawa
Japan

have invented certain improvement in

CYCLES PER INSTRUCTION STACK IN A COMPUTER PROCESSOR

and executed a United States patent application therefore on

(Date Inventor Signed Declaration) (1) July 04, 2002; and (2) July 26,
2002; and (3) July 26, 2002 and (4) July 26, 2002.

Whereas, HITACHI, LTD, a corporation of Japan, having a place of business at Tokyo, Japan, (hereinafter called HITACHI), desires to acquire the entire right, title and interest in the said application and invention, and to any Japan and foreign patents to be obtained therefore;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, the above named, hereby sell, assign, and transfer to HITACHI, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for Japan and foreign countries, and all rights of priority resulting from the filing of said Japan application, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to HITACHI, its successors and assigns; and I hereby agree that HITACHI may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with HITACHI and foreign applications when called upon to do so by HITACHI.

(1) Signed at Hadano on July 04, 2002.
(city) (date)

Toshihiko Kurihara

Toshihiko Kurihara

(2) Signed at Austin on July 26, 2002.
(city) (date)

Hideki Mitsubayashi

Hideki Mitsubayashi

(3) Signed at Austin on July 26, 2002.
(city) (date)

Michitaka Okuno

Michitaka Okuno

(4) Signed at Austin on July 26, 2002.
(city) (date)

Masahiro Tokoro

Masahiro Tokoro