

12-31-2002



102325003

COVER SHEET

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10/239796

Y ~~DTG~~ 102325003 25 SEP 2002

To the Honorable Commissioner of Patents and Trademarks, forward the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Edison Ishikawa, Claudio Luis Amorim  
Additional name(s) of conveying party(ies) attached?  Yes  No  
9.25.02

2. Name and address of receiving party(ies)  
Name:  
COPPE/UFRJ - Coordenacao dos Programas de Pos  
Graduacao de Engenharia da Universidade Federal  
do Rio de Janeiro  
Street Address: Centro de Tecnologia,  
s/nº bloco G, Ilha do Fundao  
City: Rio de Janeiro State: Brazil cep21941-590  
Additional name(s) & address(es) attached:  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: September 2, 2002

4. Application number(s) or patent number(s): DISTRIBUTED COOPERATIVE MEMORY FOR INTERACTIVE AND SCALABLE VIDEO-ON-DEMAND SYSTEM  
If this document is being filed together with a new application, the execution date of the application is: 09/02/02  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) 10739796  
Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Christopher J. Fildes  
Internal Address: \_\_\_\_\_  
Street Address: Fildes & Outland, P.C.  
20916 Mack Avenue, Suite 2  
City: Grosse Pointe Woods State: MI ZIP: 48236

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) ..... \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
8. Deposit account number: \_\_\_\_\_  
(Attach duplicate copy of this page if paying by deposit account)

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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.

Christopher J. Fildes  
Name of Person Signing

Signature

September 25, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 2

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

# ASSIGNMENT

(1-2) Insert Name(s) of Inventor(s)

(1) Ishikawa, Edison

(2) Amorim, Cláudio Luis

valuable In consideration of the sum of one dollar (\$1 00) and other good and

(6) Insert name of Assignee(s) (6) COPPE/UFRJ - Coordenação dos Programas de Pós Graduação de Engenharia da Universidade Federal do Rio de Janeiro.

(7) Insert address of Assignee(s) (7) Centro de Tecnologia, s/n° bloco G, Ilha do Fundão, Rio de Janeiro, RJ - cep21941-590.

and any Letters Patent which may be granted therefor, known as

(8) Insert Identification of Invention, such as Title, Case Number or Foreign Application No. (8) Distributed Cooperative Memory for Interactive and Scalable Video-On-Demand System Foreign Application or Case No. PCT/BR01/00029

(9) Insert Date of Signing of Application (9) on 26 March 2001

(10) Alternative identification for filed applications (10) U.S. applicants Serial Number filed

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) The undersigned agree(s) to communicate to the Assignee or representative thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

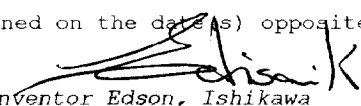
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

6) The undersigned hereby grant(s) the firm of Fildes & Outland, 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 United States Patent Office for recordation of this document.

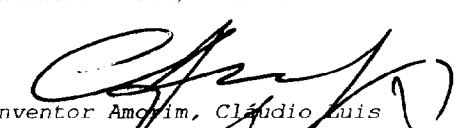
7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and /or assigns of the Assignee.

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

(1) Date September 2, 2002

Name of Inventor  Edson, Ishikawa

(2) Date September 02, 2002

Name of Inventor  Amorim, Cláudio Luis

Date September 2, 2002

Witness Castro,  Roubert Gonçalves

Date September 2, 2002

Witness Guerra,  Fábio Guerra

PATENT

RECORDED: 09/25/2002

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