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Expires 06/30/99  
OMB 0651-0027

09-25-2000



U.S. Department of Commerce  
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**PATENT**

101468655

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Name (line 1)  Justsystem Pittsburgh Research Center, Inc.

Execution Date  
Month Day Year

08282000

Name (line 2)

**Second Party**

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

60085599

**Receiving Party**

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Name (line 1)  Justsystem Corporation

Name (line 2)

Address (line 1)  Brains Park, Tokushima-shi, Tokushima 771-0189

Address (line 2)

Address (line 3)

City

Japan

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720.00 PP

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**PATENT**  
**REEL: 011084 FRAME: 0849**

**Correspondent Name and Address**

Area Code and Telephone Number (412) 471-8815

Name Richard L. Byrne

Address (line 1) Webb Ziesenheim Logsdon Orkin &amp; Hanson, P.C.

Address (line 2) 700 Koppers Building

Address (line 3) 436 Seventh Avenue

Address (line 4) Pittsburgh, PA 15219

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

# 2

**Application Number(s) or Patent Number(s)**☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

## Patent Application Number(s)

60085599 60115016 60172036

60172037 60172051 08975654

09183871 09201569 09204623

## Patent Number(s)

5960080 6047287

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number

only if a U.S. Application Number has not been assigned.

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**Number of Properties**

Enter the total number of properties involved.

# 18

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$ 720.00

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Richard L. Byrne, Reg. No. 28,498

Name of Person Signing

Signature

September 7, 2000

Date

RECORDATION FORM COVER SHEET  
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Application Number(s) or Patent Number(s)

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Patent Application Number(s)

Patent Number(s)

## PATENT ASSIGNMENT

WHEREAS, JUSTSYSTEM PITTSBURGH RESEARCH CENTER, INC., a Delaware corporation, having a place of business at 4616 Henry Street, Pittsburgh, Pennsylvania 15213 (hereinafter "ASSIGNOR"), is the sole and exclusive owner, by assignment, of the following United States provisional patent applications, regular patent applications, and issued patents, and the inventions covered thereby:

<u>Provisional Application No.</u>	<u>Filed</u>	<u>Reel/Frame</u>
60/085,599	May 15, 1998	9738/0690
60/115,016	January 7, 1999	9926/0071
60/172,036	December 23, 1999	10743/0863
60/172,037	December 23, 1999	10747/0096
60/172,051	December 23, 1999	10741/0404
<u>Patent Application No.</u>	<u>Filed</u>	<u>Reel/Frame</u>
08/975,654	November 21, 1997	9150/0072
09/183,871	October 30, 1998	9562/0263
09/201,569	November 30, 1998	9618/0240
09/204,623	December 1, 1998	9619/0051
09/275,701	March 24, 1999	9849/0353
09/312,229	May 14, 1999	9976/0364
09/312,364	May 14, 1999	10161/0081
09/351,952	July 12, 1999	10100/0281
09/465,032	December 16, 1999	10451/0147
09/478,605	January 6, 2000	10517/0539
09/567,697	May 9, 2000	10797/0760; 10802/0436
<u>Patent No.</u>	<u>Issued</u>	<u>Reel/Frame</u>
5,960,080	September 28, 1999	08878/0863
6,047,287	April 4, 2000	09159/0987

AND, WHEREAS, JUSTSYSTEM CORPORATION, a Japanese corporation, having a place of business at Brains Park, Tokushima-shi, Tokushima 771-0189, Japan (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in, to and under said United States provisional patent applications, regular patent applications and issued patents, and the inventions covered thereby.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has assigned and hereby assigns to ASSIGNEE all right, title and interest in and to said provisional patent applications, regular patent applications and issued patents, and the inventions and improvements covered thereby for the United States and all foreign countries, and all continuations, divisions, renewals, extensions, or substitutes thereof, and any reissue, reissues, reexamination or reexaminations of said patent applications and patents already granted and which may be granted, the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment, and for use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said patents are or may be granted, reissued or reexamined, as fully and entirely as the same would have been held and enjoyed by

ASSIGNOR if this assignment had not been made; together with all claims for damages by reason of past infringement of said provisional patent applications, regular patent applications and issued patents, with the right to sue for and collect the same for its own use and for the use of its successors, assigns or other legal representatives.

AND, ASSIGNOR hereby covenants that it has full right to convey the entire interest herein assigned, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

JUSTSYSTEM PITTSBURGH RESEARCH CENTER, INC.

By: Scott E. Fahlman  
Scott E. Fahlman  
President

Dated: 28 August 2000

COMMONWEALTH OF PENNSYLVANIA :  
:  
COUNTY OF ALLEGHENY :

Before me, a Notary Public in and for the said County and Commonwealth personally appeared Scott E. Fahlman, who acknowledged that he is the person who executed the foregoing Assignment and acknowledged it to be his free and voluntary act and deed.

Witness my hand and notarial seal this 28th day of August, 2000.

[NOTARIAL SEAL]

Emma Jean Scavincky  
Notary Public

Notarial Seal  
Emma Jean Scavincky, Notary Public  
Pittsburgh, Allegheny County  
My Commission Expires Dec. 14, 2000  
Member, Pennsylvania Association of Notaries