

09-24-2002

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102233132

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

1. Name of conveying party(ies):

Yennun Huang
Chih-Mei Lin
Shalini Yajnik
Chung-Yih Want

9-23-02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: September 9, 2002

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

Name: PreCache Inc.

Address: 991 US 22 West

City: Bridgewater

State/Prov.: NJ

Country: USA

ZIP: 08807

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/199,368

July 19, 2002

60/312,077

August 15, 2001

Additional numbers

☐ Yes ☒ No

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

Name: Lance L. Vietzke

Registration No. 36,708

Address: Dorsey & Whitney LLP

Republic Plaza Building, Suite 4700

370 Seventeenth Street

City: Denver

State/Prov.: Colorado

Country: USA

ZIP: 80202-5647

6. Total number of applications and patents involved:

2

7. Total fee (37 CFR 3.41):.....\$ 80.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

04-1415

(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.

Lance L. Vietzke

Name of Person Signing

Signature

September 16, 2002

Date

5

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
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FINANCE SECTION

09/24/2002 LVIETZKE 00000077 10199368 80.00 00 01 00:581

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
11569.02

This is an Assignment of the following rights, title and interest: (check all that apply):

☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☒ *United States Patent Application Serial No.* 10/199,368

Date of Execution: _____

Date of Filing: July 19, 2002

☒ *United States Provisional Patent Application Serial No.* 60/312,077

☐ *United States Patent No(s).* _____

☐ *International (PCT) Patent Application Serial No.* _____

☐ *Other (specify)* _____

Title of the Invention

METHOD AND APPARATUS FOR CONTENT-BASED ROUTING AND FILTERING AT ROUTERS USING CHANNELS

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Yennun Huang	33 Linberger Drive, Bridgewater, New Jersey 08807
Chih-Mei Lin	1480 Route 46, Apartment 172B, Parsippany, New Jersey 07054
Shalini Yajnik	48 Whitney Drive, Berkeley Heights, New Jersey 07922
Chung-Yih Wang	153 Rutgers Road, Piscataway, New Jersey 08854

Assignee

<i>Name</i>	<i>Address</i>
PreCache Inc.	991 US 22 West Bridgewater, New Jersey 08807

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
11569.02

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

<i>Name</i>	<i>Signature/Date</i>
Yennun Huang	
Chih-Mei Lin	
Shalini Yajnik	
Chung-Yih Wang	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)

Docket No.
11569.02

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 9 day of Sept, in the year 2002

at

State of

County of

Before me personally appeared Yennun Huang

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 9th day of September in the year 2002

JOAN E. WHITE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 7, 2005

(Signature of Inventor)

Executed this 7 day of September in the year 2002

at

State of

County of

Before me personally appeared Chih-Mei Lin

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 9th day of September in the year 2002

JOAN E. WHITE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 7, 2005

(Signature of Inventor)

Executed this 9 day of September, in the year 2002

at

State of

County of

Before me personally appeared Shalini Yajnik

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 9th day of September, in the year 2002

JOAN E. WHITE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 7, 2005

(Signature of Inventor)

(Notary Public)

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
11569.02

Notarization

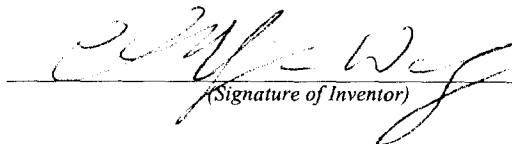
(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 9 day of September, in the year 2002

at

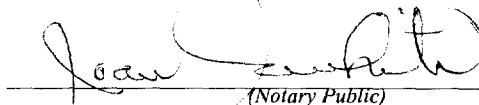
State of

County of


(Signature of Inventor)

Before me personally appeared Chung-Yih Wang
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 9th day of September in the year 2002

JOAN E. WHITE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 7, 2005


(Notary Public)

Executed this _____ day of _____, in the year _____

at

State of

County of

(Signature of Inventor)

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year _____

(Notary Public)

Executed this _____ day of _____, in the year _____

at

State of

County of

(Signature of Inventor)

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year _____

(Notary Public)