

FORM PTO-1619A
Expires 06/30/99
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07-08-1998

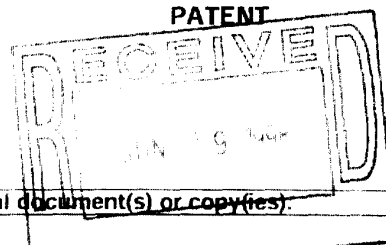
U.S. Department of Commerce
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PATENT



100756538

RECORDATION FORM COVER SHEET
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Conveyance Type

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Assignment

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Security Agreement

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License

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Change of Name

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Conveying Party(ies)

☒

Mark if additional names of conveying parties attached

Name (line 1)

DESU, SESHU B.

Execution Date
Month Day Year

03 17 97

Name (line 2)

Second Party

Name (line 1)

RAMANATHAN, SASANGAN

Execution Date
Month Day Year

02 19 97

Name (line 2)

Receiving Party

☒

Mark if additional names of receiving parties attached

Name (line 1)

SHARP KABUSHIKI KAISHA

Name (line 2)

Address (line 1)

22-22 NAGAIKE-CHO

Address (line 2)

ABEN-KU

Address (line 3)

OSAKA 545

JAPAN

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

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Name

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Pages

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

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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)

Patent Number(s)

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

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

Method of Payment:
Deposit Account

Enclosed

☒

Deposit Account

☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

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No

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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. Charges to deposit account are authorized, as indicated herein.

PETER F. WEINBERG

Name of Person Signing

Signature

16 JUNE 1998

Date

PATENT

REEL: 9281 FRAME: 0286

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Execution Date
Month Day Year

Name (line 1) SUCHICITAL, CARLOS TRES AYALA

03 17 97

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1) VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.

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Name (line 2)

Address (line 1) 1900 KRAFT DRIVE

Address (line 2)

Address (line 3) BLACKSBURG

City

VA

State/Country

24060

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s)

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

Patent Application Number(s)

Patent Number(s)

PATENT

REEL: 9281 FRAME: 0287

ASSIGNMENT

WHEREAS, Seshu Babu Desu, Sasangan Ramanathan and Carlos Tres Ayala Suchicital (referred to collectively as "Assignor") have made an invention entitled "Flash Evaporator: for which an application for United States Letters Patent will be filed by Express Mailing Number EM309431289US the application having been executed by Seshu Babu Desu on 3/17/97, by Sasangan Ramanathan on 2/19/97 and Carlos Tres Ayala Suchicital on 3/17/97; and

WHEREAS, Sharp K.K., a Japanese corporation having a place of business at 22-22, Nagaike-cho, Abeno-ku, Osaka 545, Japan and Virginia Tech Intellectual Properties, Inc., a non-stock corporation organized under the laws of Virginia, having a place of business at 1900 Kraft Drive, Blacksburg, Virginia 24060 ("Assignee"), desire to acquire all right, title and interest in and to the above identified invention and application;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified United States application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: 2-19-97

Seshu Babu Desu
Dr. Seshu Babu Desu

Address: 407 HUNTER CLUB RD, #31E
BLACKSBURG, VA 24060

Date: 2-19-97

Sasangan Ramanathan
Dr. Sasangan Ramanathan

Address: 407 HUNTER CLUB RD, #31E
BLACKSBURG, VA 24060

Date: 2-19-97

Dr. Carlos Tres Ayala Suchicital
Dr. Carlos Tres Ayala Suchicital

Address: 407 HUNTER CLUB RD
BLACKSBURG, VA 24060

STATE OF Virginia
COUNTY OF Montgomery) ss.

The foregoing instrument was acknowledged before me this 25 day of March, 1997, by Seshu Babu Desu.

Witness my hand and official seal.

My commission expires: 5-31-2000

Sarah A. Wheeler
Notary Public

STATE OF Virginia)
) ss.
COUNTY OF Montgomery)

The foregoing instrument was acknowledged before me this 17 day of March, 1997, by Sasangan Ramanthan.

Witness my hand and official seal.

My commission expires:

3-31-2000

Sarah A. Wheeler
Notary Public

STATE OF Virginia)
) ss.
COUNTY OF Montgomery)

The foregoing instrument was acknowledged before me this 17th day of March, 1997 by Carlos Tres Ayala Suchicital.

Witness my hand and official seal.

My commission expires:

3-31-2000

Sarah A. Wheeler
Notary Public