

Docket No.: 60025-0012

10-23-2001

101882702  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

## 1. Name of Conveying Party(ies):

Sarat C. Sankaran, Paul V. Carmody, Navneet Singh and Shivraj K. Ahluwalia  
**10-1501**Additional name(s) of conveying party(ies) attached? ☐ Yes

## 3. Nature of Conveyance:

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

Execution Date: August 28, 2001, August 28, 2001, August 28, 2001, and August 28, 2001

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

Name: Closedloop Solutions, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1001 Marshall Street, Suite 500

City: Redwood State/Country CA ZIP: 94063  
City \_\_\_\_\_Additional name(s) & address(es) attached? ☐ Yes

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

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

## A. Patent Application No(s).

09/905,258 filed July 12, 2001

## B. Patent No(s).

Additional numbers attached? ☐ Yes

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

Name: Hickman Palermo Truong &amp; Becker LLP

Internal Address: \_\_\_\_\_

Street Address: 1600 Willow Street.

City: San Jose State: CA Zip: 95125

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:

50-1302

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.*

Edward A. Becker, Reg. No. 37,777

October 10, 2001

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

PATENT  
REEL: 012258 FRAME: 0667

ASSIGNMENT

WHEREAS WE, SARAT C. SANKARAN, of San Carlos, California, PAUL V. CARMODY, of Round Rock, Texas, NAVNEET SINGH, of W. Pembroke Pines, Florida, and SHIVRAJ K. AHLUWALIA, of Sunnyvale, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled APPROACH FOR MANAGING FORECAST DATA, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Closedloop Solutions, Inc., a corporation of the State of Delaware and having an address of 1001 Marshall Street, Suite 500, Redwood City, California 94063 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Closedloop Solutions, Inc., its legal representatives, successors, and assigns ("Assignee"), the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said Assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and Assignee;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

8/28/01

Date

*Sarat C. Sankaran*

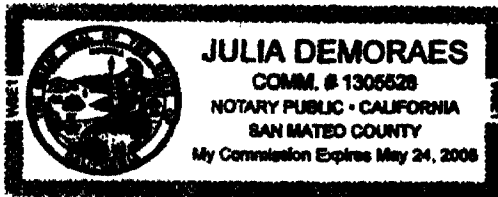
SARAT C. SANKARAN

STATE OF CALIFORNIA )  
COUNTY OF SAN MATEO ) ss.

On this 28 day of AUGUST, 2001, before me personally appeared SARAT C. SANKARAN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

S E A L

*Julia Demoraes*  
Notary PublicMy commission expires 05/24/05

8/28/01

Date

  
 PAUL V. CARMODY

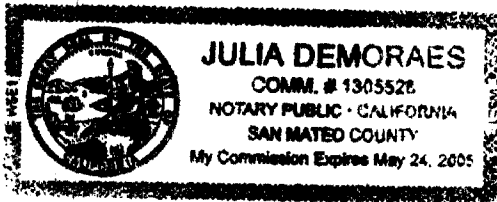
 STATE OF CALIFORNIA )  
 COUNTY OF SAN MATEO ) ss.

On this 28<sup>TH</sup> day of AUGUST, 2001, before me personally appeared PAUL V. CARMODY, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

S E A L

  
 Notary Public

 My commission expires 05/24/05


Date 08/28/01 NAVNEET SINGH

STATE OF CALIFORNIA)  
COUNTY OF SAN MATEO) ss.

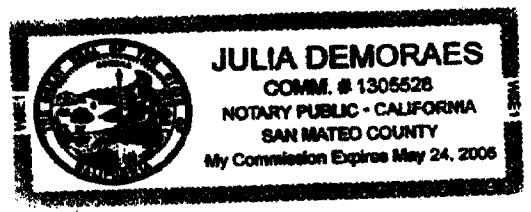
On this 28 day of AUGUST, 2001, before me personally appeared NAVNEET SINGH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

SEAL

Julia de Moraes  
Notary Public

My commission expires 5/24/05



8/28/2001

Date

Shivraj K. Ahluwalia  
SHIVRAJ K. AHLUWALIASTATE OF CALIFORNIA)  
COUNTY OF SAN MATEO) ss.

On this 28 day of AUGUST, 2001, before me personally appeared SHIVRAJ K. AHLUWALIA, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

S E A L

Julia Demoraes  
Notary PublicMy commission expires 05/24/05