

07-28-1998

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MRD 7-21-98

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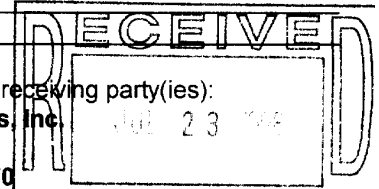


RET

Assistant Commissioner for Patents: Plea

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it.



1. Name of conveying party(ies): Eric Ramberg, Robert K. Froelich and Forrest F. Fulton

2. Name and address of receiving party(ies): CellNet Data Systems, Inc. 125 Shoreway Road San Carlos, CA 94070

Additional name(s) attached? Yes No

Additional names/addresses attached? Yes No

- 3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other:

Execution Date: July 14, 1998

4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 06/23/97 A. Patent Application No.(s): 08/880,637 B. Patent No.(s):

Additional numbers attached? Yes No

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

David J. Goren, Reg. No. 34,609 Fish & Richardson P.C. 2200 Sand Hill Road, Suite 100 Menlo Park, CA 94025

6. Total number of applications/patents involved: 1

7. Total fee (37 CFR 3.41): \$40 [X] Enclosed [] Authorized to charge deposit account

8. Deposit account number: 06-1050 If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.

David J. Goren, Reg. No. 34,609 Name of Person Signing

David Goren Signature

7/20/98 Date

Total number of pages including cover sheet, attachments, and document: 03

07/27/1998 TTON11 00000133 08880637 01 FC:581 40.00 OP

Date of Deposit 7/21/98 I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Marilda C. So PATENT REF: 08/880,637 Sanchez

ASSIGNMENT

For valuable consideration, we, Erik A. Ramberg, of San Francisco, CA; Robert K. Froelich, of Sunnyvale, CA; Forrest F. Fulton, of Los Altos Hills, CA, hereby assign to CellNet Data Systems, Inc., a California corporation having a place of business at 125 Shoreway Road, San Carlos, CA 94070, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled RECEIVING A SPREAD SPECTRUM SIGNAL filed 06/23/97, and assigned U.S. Serial Number 08/880,637; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at San Carlos, CA, this 14 day of July, 1998 Erik A. Ramberg L.S.

STATE OF California :
:ss.
COUNTY OF San Mateo :

Before me this 14 day of July, 1998, personally appeared Erik Ramberg known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Nancy Ishibashi Estell
Notary Public

My Commission Expires:

[Notary's Seal Here]



IN WITNESS WHEREOF, I hereto set my hand and seal at San Carlos, California,
this 14th day of July, 1998

Robert K. Froelich _____ L.S.
Robert K. Froelich

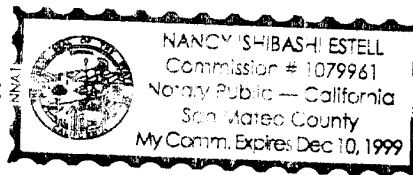
STATE OF California :

COUNTY OF San Mateo :
:ss.

Before me this 14 day of July, 1998, personally appeared _____
Robert Froelich known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

Nancy Ishibashi Estell
Notary Public

My Commission Expires:



[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at San Carlos CA,
this 14 day of July, 1998

Forrest F. Fulton _____ L.S.
Forrest F. Fulton

STATE OF California :

COUNTY OF San Mateo :
:ss.

Before me this 14 day of July, 1998, personally appeared _____
Forrest Fulton known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein
contained.

Nancy Ishibashi Estell
Notary Public

My Commission Expires:



[Notary's Seal Here]