

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Joseph J. Kubler</td> <td>01/22/1996</td> </tr> <tr> <td>Michael D. Morris</td> <td>12/28/1995</td> </tr> </tbody> </table>		Name	Execution Date	Joseph J. Kubler	01/22/1996	Michael D. Morris	12/28/1995				
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<table border="1"> <tr> <td>Name:</td> <td>Norand Corporation</td> </tr> <tr> <td>Street Address:</td> <td>550 Second Street S.E.</td> </tr> <tr> <td>City:</td> <td>Cedar Rapids</td> </tr> <tr> <td>State/Country:</td> <td>IOWA</td> </tr> <tr> <td>Postal Code:</td> <td>52401</td> </tr> </table>		Name:	Norand Corporation	Street Address:	550 Second Street S.E.	City:	Cedar Rapids	State/Country:	IOWA	Postal Code:	52401
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CORRESPONDENCE DATA											
<p>Fax Number: (312)321-4299</p> <p>Phone: (312) 321-4200</p> <p>Email: usassignments@brinkshofer.com, htan@brinkshofer.com, rrios@brinkshofer.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Hao Tan/Ruben Rios</p> <p>Address Line 1: P.O. Box 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60610</p>											
ATTORNEY DOCKET NUMBER:	14528.00229										
NAME OF SUBMITTER:	Hao Tan										
<p>Total Attachments: 6</p> <p>source=Assignment1#page1.tif</p> <p>source=Assignment1#page2.tif</p> <p>source=Assignment1#page3.tif</p> <p>source=Assignment1#page4.tif</p> <p>source=Assignment1#page5.tif</p> <p>source=Assignment1#page6.tif</p>											

CH \$40.00 12547348

ASSIGNMENT

WHEREAS, we Joseph J. Kubler and Michael D. Morris, a resident of Boulder, in the County of Boulder and the State of Colorado, and a resident of Cedar Rapids, in the County of Linn and State of Iowa, respectively, have invented certain new and useful improvements in a

**"HIERARCHICAL DATA COLLECTION NETWORK SUPPORTING  
PACKETIZED VOICE COMMUNICATIONS AMONG WIRELESS  
TERMINALS AND TELEPHONES"**

as described or intended to be described and set forth in the application as filed on October 5, 1995, as U.S. Application No. 08/539,817.

WHEREAS, NORAND CORPORATION, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at Cedar Rapids, Iowa, is desirous of acquiring the entire right, title, and interest in and to said invention, improvements, application and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions, continuations, reissues, and extensions thereof:

NOW, THEREFORE, to all whom it may concern, be it known that, for and in consideration of One Dollar (\$1.00), to us in hand paid and other good and valuable considerations, the receipt of which is hereby acknowledged, we, the aforesaid inventors, have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said NORAND CORPORATION, its successors and assigns, the entire right, title, and interest in and to said invention, improvements, application, and any Letters Patent which may be granted therefor or thereupon, together with any and all divisions,

continuations, reissues and extensions thereof, all of our foreign rights to said invention, and all our rights under the International Convention in respect to said invention and application, and authorize the said NORAND CORPORATION to apply for patents in foreign countries, claiming the filing date of the United States application under the provisions of the International Convention. We authorize insertion of a U.S. Serial Number hereinabove to further identify the application for patent. And we hereby agree to communicate to the said NORAND CORPORATION or its representatives any facts known to us respecting said invention and improvements, to testify in any legal proceedings relating thereto, sign all lawful papers, execute all divisional, continuing, and reissue applications, ~~and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications unto the said NORAND CORPORATION, its successors and assigns, in accordance with this Assignment.~~  
*do request in order that the said NORAND CORPORATION may make*  
application for Letters Patent on said invention in foreign countries in its own name. And we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for or upon said invention or applications unto the said NORAND CORPORATION, its successors and assigns, in accordance with this Assignment.

Joseph J. Kubler

**PATENT**  
**REEL: 028160 FRAME: 0295**

ASSIGNMENT

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Signed at Cedar Rapids in the County of Linn and State of Iowa this 28<sup>th</sup>  
day of December, 1995.

Michael D. Morris  
Michael D. Morris

STATE OF IOWA )  
                  ) ss:  
COUNTY OF LINN)

I, John H. Sherman, a Notary Public in and for the County and State  
aforesaid, do hereby certify that Michael D. Morris personally known to me to be  
the same person whose name is subscribed to the foregoing instrument, appeared  
before me this day in person and acknowledged that he signed, sealed, and  
delivered the said instrument as his free and voluntary act and deed for the uses  
and purposes therein set forth.

Given under my hand and notarial seal this 26<sup>th</sup> day of April,  
1996.

John H. Sherman  
Notary Public  
My commission expires: March 3, 1997

(SEAL)