

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:                                                                                                  | NEW ASSIGNMENT              |
| NATURE OF CONVEYANCE:                                                                                             | ASSIGNMENT                  |
| CONVEYING PARTY DATA                                                                                              |                             |
| Name                                                                                                              | Execution Date              |
| James Andrew Bloemen                                                                                              | 02/15/2002                  |
| RECEIVING PARTY DATA                                                                                              |                             |
| Name:                                                                                                             | Carrier Access Corp.        |
| Street Address:                                                                                                   | 5395 Pearl Parkway          |
| City:                                                                                                             | Boulder                     |
| State/Country:                                                                                                    | COLORADO                    |
| Postal Code:                                                                                                      | 80301                       |
| PROPERTY NUMBERS Total: 1                                                                                         |                             |
| Property Type                                                                                                     | Number                      |
| Patent Number:                                                                                                    | 6914976                     |
| CORRESPONDENCE DATA                                                                                               |                             |
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| Correspondent Name:                                                                                               | Brian Kinnear               |
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| ATTORNEY DOCKET NUMBER:                                                                                           | 40405.0063                  |
| NAME OF SUBMITTER:                                                                                                | Brian Kinnear               |
| Total Attachments: 3<br>source=Assignment#page1.tif<br>source=Assignment#page2.tif<br>source=Assignment#page3.tif |                             |

CH \$40.00 6914976

A S S I G N M E N T

WHEREAS, I, James Andrew Bloemen, having a residence address of 2600 Timberchase Trail, Highlands Ranch, Colorado 80126, have made a certain new and useful invention relating to a TELECOMMUNICATIONS CUSTOMER SERVICE TERMINAL HAVING ELECTRONIC COMPONENTS SEALED IN A FIRST COMPARTMENT AND HAVING AN UNSEALED COMPARTMENT THAT CONTAINS AN INSULATION DISPLACEMENT CONNECTOR BOARD THAT INCLUDES VOLTAGE SURGE PROTECTION, for which I am making or I have made application for Letters Patent of the United States, said application being identified by Docket No. 40405.830020.000, in the law firm of Holland & Hart LLP, 555 Seventeenth Street, Suite 2900, Denver, Colorado, and which is executed concurrently herewith, and which claims priority from the provisional application filed in the U.S. Patent Office on March 29, 2001, as Serial No. 60/279,910 and

WHEREAS, I now own the entire right, title and interest therein; and

WHEREAS, Carrier Access Corp. (hereinafter "Assignee"), whose post office address is 5395 Pearl Parkway, Boulder, Colorado 80301, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE for valuable consideration, receipt and adequacy of which is hereby acknowledged, I have sold,

assigned, and set over, and by these presents do hereby sell, assign, and set over, unto the said Carrier Access Corp., and said Assignee's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to the above-mentioned Assignee, consistent with the terms of this Assignment.

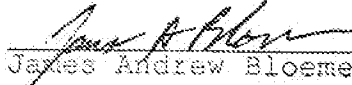
UPON SAID CONSIDERATION, I do hereby covenant and agree with the said Assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration, but at the expense of the said Assignee, 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, continuation, continuation-in-part, continuing, renewal, 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 chose 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 both parties.

IN WITNESS WHEREOF, and having read this entire document including all prior pages, I have hereunto set my hand and affixed my seals on the date hereinafter set forth.

✓ Date:

2-15-02

  
James Andrew Bloemen