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PATENT REEL: 012515 FRAME: 0164

Assignment

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

PERSSON, Jan Sjömansgatan 16 SE-293 39 OLOFSIRÖM

Hereby sell, assign and transfer to

ABB AB

a corporation of Sweden having a place of business at SE-721 83 VÄSIERÅS its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, In and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled (Attorney's Docket No.: 01-574)

A process in joining

(Attorney's Docket No.: 01-574) (SN 09/958,249 filed October 4, 2001) , and in and to said application and all divisional, continuing,

substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date 01-10-02	(L.S.)
Date	(L.S.)
Date	(L.S.)
Date	(L.S.)

PATENT REEL: 012515 FRAME: 0165

RECORDED: 01/18/2002