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U.S. Department of Commerce Patent and Trademark Office PATENT

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| Conveying Party(ies) | | I names of conveying pa | rties attached Execution Date |
| . Name (line 1) Paul H. Kydd | | | Month Day Ye 8/31/01 |
| Name (line 2) Second Party | | | Execution Date Month Day Ye |
| Name (line 1) | | | |
| Receiving Party | M | ark if additional names o | of receiving parties attached |
| Name (line 1) Parelec Inc. | | | If document to be recorder |
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PATENT

REEL: 012177 FRAME: 0550

Attorney Docket No. 2823-131 US

ASSIGNMENT

WHEREAS, Paul H. Kydd, as assignor, has invented certain improvements in "Material and Method for Printing High Conductivity Electrical Conductors and Other Components on Thin Film Transistor Arrays" for which an application for United States Letters Patent filed on 12/21/99 under Serial No. 09/468,649 has been executed by assignor(s) on 8/3/6 and whereas, Parelec Inc., as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the assignor(s) hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all countries foreign, and the Commissioner of Patents is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for himself and his legal representative, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation. reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representative all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to said assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

Paul H. Kydd

PATENT REEL: 012177 FRAME: 0551