

ASSIGNMENT

In consideration for One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, We, Indra Ghosh, of Subbelrather Str. 196, D-50823 Koln, Germany, Ulrich Poppe of Nideggener Str. 129, D-52349 Duren, Germany, and Norbert Klein of Trompeter Allee, D-41289 Monchengladbach, Germany, hereby sell, assign, transfer and set over to Forschungszentrum Julich GmbH, having its principal place of business at Wilhelm-Johnen-Strasse, D-52425 Julich, Germany, its successors, assigns, nominees, or other legal representatives, the entire right, title and interest in all countries including the priority rights derived from the hereinafter designated application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property for any and all member countries of the aforesaid International Convention, in and to the invention or inventions made by us for a TUNABLE CAVITY RESONATOR and the application for Letters Patent of the United States therefor, executed by us on or about 3/20 and 4/4, 2001, and bearing a filing date of 3/9/01, and a Serial No. 09/786,760 together with all rights, including the sole rights under the aforesaid International Convention to apply for and obtain Letters Patent for said invention or inventions in the United States and in all other countries of the world, including original, divisional, continuation, continuation-in-part, reissue, utility and design patents, patents of addition, confirmation patents, registration patents, petty patents, utility models, etc., and all other types of patents and the like, and all renewals and extensions of any of them, and the entire right, title and interest in and to all such Letters Patent, the applications therefor and the subject matter of all claims obtained in said Letters Patent, and

authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent on applications as aforesaid to issue the said Letters Patent to the Forschungszentrum Julich GmbH, its successors, assigns, nominees or other legal representatives, as assignee of the entire interest, and covenant that we convey the entire interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

We further covenant and agree that whenever requested by said Forschungszentrum Julich GmbH, its successors, assigns, nominees or legal representatives, we will execute and deliver or cause to be executed and delivered such further patent applications, assignments, oaths, disclaimers and other documents, give or cause to be given such evidence and furnish or cause to be furnished such information within my knowledge or control, and do or cause to be done such other acts and furnish or cause to be furnished such other assistance, as it or any of them may deem necessary or desirable in connection with obtaining and/or maintaining any Letters Patent as aforesaid for said invention or inventions, or in connection with any suit or controversy, including interference proceedings, relating to any of such Letters Patent or to any applications therefor or in order to vest or perfect in it or in any of them or to protect or enforce the right, title and interest herein assigned, or otherwise effectuate the premises, all without further consideration but at the expense of said Forschungszentrum Julich GmbH, its successors, assigns, nominees or other legal representatives.

We hereby grant to Joseph W. Berenato, III of Liniak, Berenato, Longacre & White, LLC, full power to insert herein the execution and filing dates and serial number of the application for Letters Patent of the United States first above mentioned.

Date: 04-04-2001

Indra Ghosh
Indra Ghosh

Date: 20.3.2001

Ulrich Poppe
Ulrich Poppe

Date: 20.3.2001

Norbert Klein
Norbert Klein