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Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *of inventorship (Rule 4.17(iv))*

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receiving a desired blood concentration of a ketone body $KETONE_b$; the system computing unit being adapted for controlling said blood pump and said dialysate fluid pump so as the actual concentration value GLN_a of glutamine is driven towards GLN_b and the actual concentration value $GLUCOSE_a$ of glucose is driven towards D_b , and the actual concentration value of ketone bodies is driven towards $KETONE_a$. The application also relates to a therapy set for use in the extracorporeal blood treatment system, a method for treating cancer using the system, a controller for controlling the method as well as a dialysis liquid suitable for the method.