

## List of Abbreviations

1-D	1-dimensional
2-D	2-dimensional
3-D	3-dimensional
ABS	Antilock Brake Systems
ACTH	Adrenocorticotrophic hormone
AG	Aktiengesellschaft
AIPLA	American Intellectual Property Law Association
AIPPI Journal	Journal of the International Association for the Protection of Intellectual Property
Annu Rev Phys Chem	Annual review of physical chemistry
ARC	Act against Restraints of Competition
Art.	Art.
ATCC	American Type Culture Collection
Aufl.	Auflage
Bd. Pat. App. & Int.	Board of Patent Appeals and Interferences of the United States Patent and Trademark Office
beta-IFN	beta-Interferon
BGB	Bürgerliches Gesetzbuch
BGBL.	Bundesgesetzblatt
BGH	Bundesgerichtshof, Federal Supreme Court
BGHZ	Bundesgerichtshof, Zivilsachen
BIPMZ	Blatt für Patent-, Muster-, und Zeichenwesen
BMJ	German Ministry of Justice
BSE	bovine spongiform encephalopathy
CAFC	Court of Appeals for the Federal Circuit
Cal.	California
C.C.P.A.	Court of Customs and Patent Appeals
C.C.D. Mass.	United States District Court for the District of Massachusetts
cDNA	complementary DNA
cert. denied by	Certiorari Denied by
CFR	Code of Federal Regulations
Cir.	Circuit
CJD	Creutzfeld-Jakob disease
Co.	Company
Corp.	Corporation
COX-1	Cyclooxygenase-1
COX-2	Cyclooxygenase-2

CR	Computer und Recht
DNA	Deoxyribonucleic acid
DOE	U.S. Department of Energy
EBA	Enlarged Board of Appeal
EBI	European Bioinformatics Institute
EC	European Council
ECJ	European Court of Justice
ed.	Edition
E. coli	Escherichia coli
e.g.	for instance (exempli gratia)
EMBL	European Molecular Biology Laboratory
EPA	Europäisches Patentamt
EPC	European Patent Convention
EPO	European Patent Office
Epo	Erythropoietin
EPÜ	Europäisches Patentübereinkommen
EST	Expressed Sequence Tag
et al.	et alii/et alia
etc.	et cetera
EU	European Union
EU-RL	EU-Richtlinie
e.V.	eingetragener Verein
FAZ	Frankfurter Allgemeine Zeitung
FDA	U.S. Food and Drug Administration
FDCA	Federal Food, Drug and Cosmetic Act
Fed. Cas.	Federal Cases
Fed. Cir.	Federal Circuit
Fed. Reg.	Federal Register
FFII	Foundation for a Free Information Infra- structure
Fig.	Figure
FN	Footnote
FT/MS	Fourier transformation mass spectrometry
ftp	File Transfer Protocol
GA-EPO	EPO product made using a process called ‘gene activation’
GG	Grundgesetz
GmbH	Gesellschaft mit beschränkter Haftung
GPA	German Patent Act
GRUR	Gewerblicher Rechtsschutz und Urheberrecht
GRURInt.	Gewerblicher Rechtsschutz und Urheberrecht, Internationaler Teil
HPI	Human Proteomic Initiative

HPRD	Human Protein Reference Database
HTS	<i>idem</i>
IIC	International Review of Industrial Property and Copyright Law
Inc.	Incorporated
IND	Investigational New Drug
Indus.	Industry
IP	Intellectual Property
IU	International unit
J.	Journal
J. Biol. Chem.	Journal of Biological Chemistry
Jan.	January
JIBL	Journal of International Biotechnology Law
JP	Japan
JPO	Japanese Patent Office
J Struct Biol	Journal of Structural Biology
J Struct Funct Genomics	Journal of Structural and Functional Genomics
$K_M$	Michaelis-Menten constant
L.J.	Law Journal
Ltd.	Limited
MALDI-TOF	matrix assisted laser desorption time of flight
MittdttschPatAnw	Mitteilungen der deutschen Patentanwälte
Mmole	Millimolar
mRNA	messenger ribonucleic acid
NAPS	Nonassociated polymeric structures
NBRF	National Biomedical Research Foundation
NASA	National Aeronautics and Space Administration
NCBI	National Center for Biotechnology Information
NDA	New Drug Application
N.D. Cal.	United States District Court, Northern District of California
NESP	Novel Erythropoiesis Stimulating Protein
NHLBI	National Heart, Lung, and Blood Institute
NIH	National Institutes of Health
NINDS	National Institute of Neurological Disorders and Stroke
NJW	Neue Juristische Wochenschrift
No.	Number
Nov.	November
NMR	Nuclear Magnetic Resonance
N. Publ.	Not Published
OJ	Official Journal
ORF	Open reading frame

par(a)	paragraph
Pat.	Patent
PatG	Patentgesetz
PC	Paris Convention
PCT	Patent Cooperation Treaty
PDB	Protein Data Bank
PIR	Protein Information Resource
PNAS	Proceeding of the National Academy of Science
Prog Biophys Mol Biol	Progress in Biophysics & Molecular Biology
Proc Natl Acad Sci USA	Proceeding of the National Academy of Science of the United States of America
PrP	Prion Protein
PrP-C	cellularPrP
PrP-Sc	PrPscrapie
PSD	Protein Sequence Database
PTM	Posttranslational modifications
PTO	Patent and Trademark Office
P.T.O.	U.S. Patent and Trademark Office
Bd.Pat.App. & Int.	Board of Patent Appeals and Interferences
Q.J.	Quarterly Journal
R&D	Research and Development
RCSB	Research Collaboratory for Structural Bioinformatics
RG	Reichsgericht
RGZ	Reichsgericht Zivilsachen
Rn.	Randnummer
RNA	Ribonucleic acid
RNAS	ribosomal RNAS
R.P.C.	Reversed-phase chromatography
RPC	Reports of Patents, Design and Trade Mark Cases
RPTK	Receptor protein tyrosine kinase
RUCTLJ	Rutgers computer and technology law journal
Sec.	Section
SEQ ID NO	Sequence Identification Number
SIB	Swiss Institute of Bioinformatics
SNPS	Single Nucleotide Polymorphisms
Suppl.	Supplement
Sum. of Facts and Sub.	Summary of Facts and Submissions
SWISS-Prot	Annotated protein sequence databank
TAZ	Tageszeitung
TBA	Technical Board of Appeals

t-PA	tissue plasminogen activator protein
Tech.	Technology
TNK	bioengineered variant of t-PA
TrEMBL	Computer-annotated supplement to Swiss-Prot
TRIPS	Agreement on Trade Related Aspects of Intellectual Property Rights
uEpo	Urine purified erythropoietin
U.Chi.L.Rev.	University of Chicago Law Review
UniProt	Universal Protein Resource
U.S.C.	United States Code
USCA	United States Court of Appeal
USPQ	United States Patent Quarterly
USPTO	United States Patent and Trademark Office
V	(Enzyme-)Velocity
$V_{max}$	maximum velocity of the enzyme
v.	von, vom bzw. versus
vs.	versus
Vol.	Volume

