

江苏省知识产权 发展与保护状况 白皮书

江苏省知识产权和商标战略实施工作领导小组办公室



**White Paper of Development and Protection of
Intellectual Property of Jiangsu in
2022**

General Office of Jiangsu Provincial Leading
Group on the Implementation of Intellectual
Property and Trademark Strategy

2022年江苏省知识产权发展与保护状况白皮书

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2022年是党和国家历史上极为重要的一年。党的二十大胜利召开，系统部署了以中国式现代化全面推进中华民族伟大复兴的宏伟蓝图，对知识产权工作作出新的重大部署。在江苏省委、省政府的正确领导下，江苏省知识产权工作以习近平新时代中国特色社会主义思想为指导，以迎接保障和学习宣传贯彻党的二十大为主线，认真贯彻党中央、国务院和省委、省政府统筹疫情防控与经济社会发展的总体部署，全面落实中办国办《关于强化知识产权保护的意见》《知识产权强国建设纲要（2021-2035）》《“十四五”国家知识产权保护和运用规划》和我省《关于强化知识产权保护的实施意见》，稳步推进“五区五高”知识产权强省建设，知识产权综合实力继续保持全国前列，有力服务了高质量发展大局。我省中央对地方2021年度知识产权保护工作检查考核中，再次获得优秀等次；在2021年度知识产权创造、运用、保护、管理和服务工作中成效突出，受到国务院督查激励表扬；在2021年知识产权保护社会满意度调查中达83.62分，位居全国省份第一；全省在第二十三届中国专利奖评选中荣获金奖6项，获奖总数132项，再创新高。

一、知识产权强省建设

（一）擘画知识产权强省建设新篇章。

全国首部省级知识产权促进和保护地方性法规——《江苏省知识产权促进和保护条例》公布实施。江苏省人大修订《江苏省保护和促进香港投资条例》，新写入知识产权创造、运用、保护、管理、服务等方面内容。江苏省委、省政府颁布实施《江苏省知识产权强省建设纲要（2021-2035年）》，进一步确立新时代新征程全省知识产权工作目标、任务和举措。省政府出台《江苏专利奖评奖办法》，不断提升江苏专利奖影响力。省知识产权和商标战略实施工作领导小组印发《江苏省知识产权强省建设纲要（2021-2035年）重点任务分工方案》《江苏省“十四五”知识产权发展主要目标和重点任务分工方案》，明确总体目标，细化重点任务，落实责任主体，并依据分工方案制定实施知识产权强省建设和“十四五”规划的年度工作计划，统筹推进全省知识产权工作。

江苏持续深化知识产权领域改革创新，2022年新承担国家知识产权局专利代理信用评价管理试点、知识产权纠纷快速处理、知识产权质押登记线上办理、专利开放许可、数据知识产权工作试点等5项创新试点任务，专利侵权纠纷行政裁决试点、知识产权领域以信用为基础的分级分类监管试点、地理标志保护产品专用标志使用核准改革试点等3项创新试点验收取得优异成绩，知识产权保护示范区建设等13项创新举措在全国推广。

（二）推动知识产权强市建设。

江苏省13个设区市均印发了地方“十四五”知识产权规划，知识产权政策体系进一步健全。南京等19个地方获批新一轮知识产权强国建设示范城市、县域、园区，7个设区市知识产权行政保护绩效考核优秀，获国家知识产权局通报表扬。

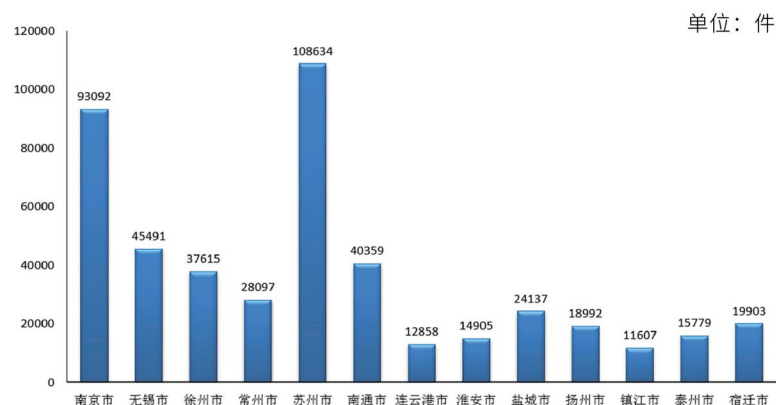
南京市与深交所签署《知识产权金融创新工作专项合作协议》，成为全国首个与交易所签约的城市。无锡市知识产权保护中心顺利通过国家知识产权局组织的验收并投入试运行，成功落地国内首单集成电路布图设计被侵权损失保险。徐州市创新建立知识产权案件反向移交机制，出台《专利申请前评估工作规范》地方标准，开展“鑫智力杯”投贷联动创新竞赛。常州市开展专利强链护航行动，组织30多家企业围绕重点研发项目开展专利导航工作，举办“智创龙城—全市专利检索邀请联赛”。苏州市制定《知识产权强市建设纲要（2021-2035年）》《促进知识产权、检验检测认证高质量发展三年行动计划（2023-2025年）》，发挥“政府+平台+金融机构”合力，创建知识产权金融创新实验室。南通市升级“知联侨”海外服务品牌，拓展设立34家海外服务分中心，创新“指南针”风险预警行动。连云港市建成知识产权大数据平台，一站式解决知识产权数据资源问题。淮安市印发《国家知识产权强市建设试点城市工作方案（2022-2025年）》，搭建知识产权纠纷诉调对接中心和知识产权纠纷调解工作室。盐城市优化专利侵权纠纷行政裁决工作机制，充分发挥行政裁决主动调查、便捷高效优势，高效解决专利侵权纠纷，开展2021年市政府专利奖的评选工作。镇江市出台《专利开放许可试点工作实施方案》，制定《重点商标保护名录》《知识产权协同保护备忘录》，不断完善知识产权保护格局。泰州市开展“你点我办、你评我改”知识产权服务活动，有效保护企业创新成果，搭建“1+4”知识产权服务平台，布局建设专利导航服务基地、产业知识产权运营中心、产业知识产权联盟、知识产权工作站（商标品牌指导站）等。宿迁市率先推出城市知识产权公共服务品牌“宿知道”，为市场主体提供快速、便捷和高效的知识产权公共服务，开展护航“中国酒都”白酒市场整顿、非正常开启酒类包材专项整治等知识产权专项保护行动。

二、知识产权创造主要指标

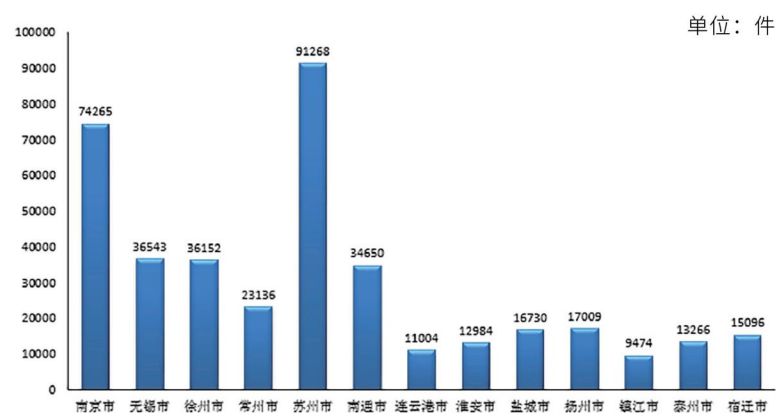
(一) 商标申请、注册情况

2022年，全省商标申请量480272件，同比降低17.61%，全省商标注册量398631件，同比降低22.95%。截至2022年底，全省有效商标注册量2685045件，比上一年度增长287670件，增幅12.00%。

2022年全省商标申请量按地区统计图



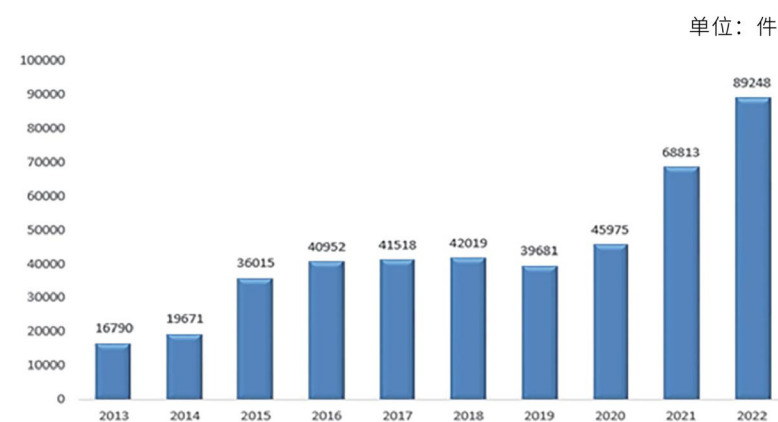
2022年全省商标注册量按地区统计图



(二) 专利授权与拥有情况

专利授权。2022年，全省专利授权量560127件，同比降低12.61%。从专利类型看，发明专利授权量89248件，同比增长29.70%，高于全国水平10.98个百分点，占专利授权总量的15.93%，较去年同期增长5.19个百分点；实用新型专利授权量427156件，同比降低17.21%，占专利授权总量的76.26%，较去年同期降低4.24个百分点；外观设计专利授权量43723件，同比降低22.16%，占专利授权总量的7.81%，较去年同期降低0.95个百分点。企业专利授权量占全省授权总量的比重达87.01%，比2021年提高了1.73个百分点，结构进一步优化。

2013-2022年全省发明专利授权量按年份统计图



2022年全省专利授权量按地区统计图

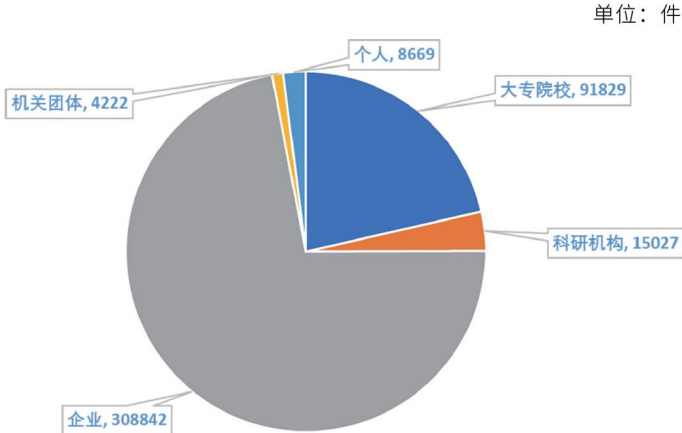


2022 年全省发明专利授权量按地区统计图



有效发明专利量。截至 2022 年底，全省有效发明专利量 428589 件，其中，大专院校有效发明专利量 91829 件，占比 21.43%；科研机构有效发明专利量 15027 件，占比 3.51%；企业有效发明专利量 308842 件，占比 72.06%；机关团体有效发明专利量 4222 件，占比 0.99%；个人有效发明专利量 8669 件，占比 2.02%。万人发明专利拥有量达 50.39 件，连续 7 年保持全国省区第一，每万人口高价值发明专利拥有量达 18.15 件，是全国的 1.9 倍。

截至 2022 年底全省有效发明专利量按专利权主体统计图



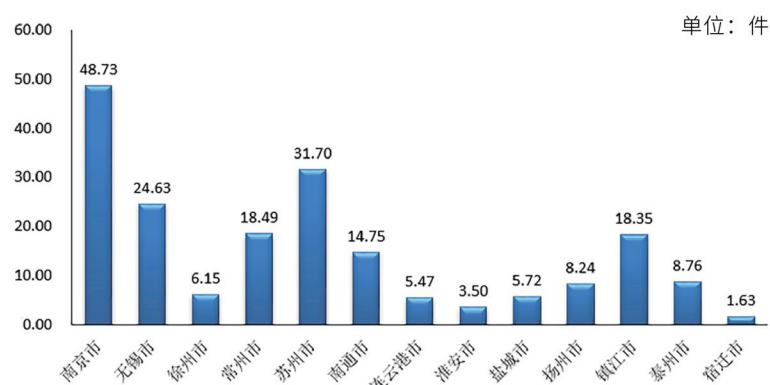
截至 2022 年 12 月底全省万人发明专利拥有量按地区统计表

单位：件

地区	总人口 (万人)	有效发明专利量	万人发明专利拥有量 (件/万人)	专利权人类型				
				院校	科研	企业	机关	个人
南京市	942.34	113788	120.75	50302	7610	53040	972	1864
无锡市	747.95	44737	59.81	7760	2269	33171	738	799
徐州市	902.85	25562	28.31	6165	45	18586	114	652
常州市	534.96	29554	55.25	5785	905	22014	324	526
苏州市	1284.78	104495	81.33	5933	2619	94355	285	1303
南通市	773.30	37963	49.09	2555	401	33084	918	1005
连云港市	460.20	5815	12.64	394	308	4711	92	310
淮安市	456.22	5427	11.90	1323	151	3399	371	183
盐城市	671.30	14222	21.19	1336	144	12226	113	403
扬州市	457.70	12270	26.81	2509	292	9131	39	299
镇江市	321.72	18735	58.23	7498	218	10570	135	314
泰州市	452.18	12705	28.10	226	25	11487	104	863
宿迁市	499.90	3335	6.67	42	40	3091	16	146
* 其他	/	57	/	1	0	53	1	2
苏南	3831.75	311309	81.24	77278	13621	213150	2454	4806
苏中	1683.18	62938	37.39	5290	718	53702	1061	2167
苏北	2990.47	54361	18.18	9260	688	42013	706	1694
全省	8505.40	428589	50.39	91829	15027	308842	4222	8669

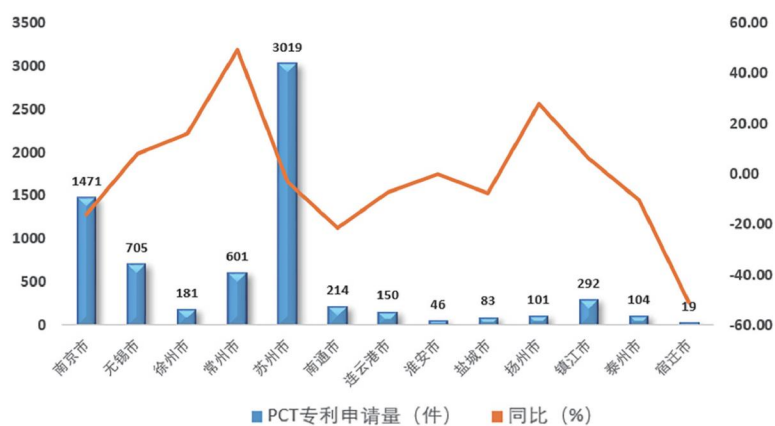
注：1. 总人口数据来自《江苏统计年鉴 2022》。
2.* 为国家知识产权局提供数据中无法归类的部分。

截至 2022 年底全省万人高价值发明专利拥有量按地区统计图



PCT 专利申请。2022 年，全省 PCT 专利申请量 6986 件。

2022 年全省 PCT 专利申请量按地区统计图



(三) 地理标志注册登记情况。2022 年，全省新增地理标志商标 33 件。截至 2022 年 12 月底，全省地理标志商标注册总量达 411 件，有效地理标志产品为 91 件。

截至 2022 年底全省各设区市地理标志统计表

单位：件

地区	地理标志商标	地理标志产品	合计	排名
南京市	23	4	27	6
无锡市	15	9	24	8
徐州市	17	6	23	10
常州市	15	2	17	12
苏州市	20	17	37	5
南通市	32	13	45	3
连云港市	13	12	25	7
淮安市	128	2	130	1
盐城市	62	10	72	2
扬州市	40	5	45	3
镇江市	12	3	15	13
泰州市	18	6	24	8
宿迁市	16	2	18	11
全省	411	91	502	/

(四)著作权登记与合同备案情况。2022年,全省完成作品登记334896件,比上年减少9.92%。登记作品中,美术作品占67.54%,文字作品占13%,录音制品占10.42%,视听作品占2.26%,摄影作品占5.56%,其他类型(口述、录像制品、设计图等)占1.22%。2022年,全省完成著作权合同登记1400件,其中图书版权引进合同登记535份。



(五)植物新品种权申请授权情况。截至2022年底,全省农业植物品种权累计申请量为381件,授权量为225件。2022年全省共获授权林草植物新品种42件,累计授权植物新品种权261件。

(六)集成电路布图设计登记情况。截至2022年底,全省集成电路布图设计登记量为9141件。

截至2022年底全省集成电路布图设计登记统计表

单位:件

地区	地理标志商标
南京市	3100
无锡市	2256
徐州市	157

常州市	352
苏州市	2305
南通市	433
连云港市	189
淮安市	56
盐城市	102
扬州市	84
镇江市	62
泰州市	31
宿迁市	13
全省	9141

三、知识产权保护

(一)明确知识产权严保护优环境导向。

颁布实施《江苏省知识产权促进和保护条例》,综合立法实现新突破。地理标志立法、数据知识产权保护规则研究取得阶段性成果。开展2021年度知识产权营商环境评价,开展知识产权保护社会满意度调查。省营商办推出4·26《江苏营商环境动态》知识产权专刊。江苏知识产权快速协同保护经验做法入选国家发展改革委《优化营商环境百问百答》。持续推进省级知识产权保护示范区、正版正货示范街区(行业)建设,推荐南京、苏州申报建设首批国家级知识产权保护示范区,组织4家实体市场通过国家级知识产权保护规范化市场续延审查。

(二)增强知识产权行政执法震慑效果。

持续加大行政执法力度,对侵犯知识产权行为形成有力震慑。省市场监管局深入开展“铁拳”和互联网领域侵权假冒专项治理行动,共查处知识产权违法案件3258件,罚没款6978.16万元;省版权局深入开展“剑网2022”执法专项行动,查办侵权盗版案件584起,涉案2亿余元;省林业局将打击制售假劣林草种苗和侵犯植物新品种权工作列入常规工作,查处林草种苗案件41件,

罚没款 78.31 万元；南京海关有序开展“龙腾”“蓝网”“净网”等专项行动，扣留侵权货物 3525 批次，涉案货物数量 62.12 万件。

（三）加大知识产权司法保护力度。

江苏省法院系统优化知识产权审判管辖布局，积极实施高水平知识产权审判机构建设工程，构建案件审理专门化、管辖集中化和程序集约化的审判体系，增设无锡、徐州知识产权法庭。目前江苏省共有 4 家知识产权法庭和 50 家基层知识产权管辖法院。2022 年，全省法院共受理各类知识产权案件 37021 件，近两年年均增长 22.01%。2022 年，全省检察机关共办理各类知识产权案件 778 件，其中刑事案件 689 件，民事诉讼监督案件 22 件，民事支持起诉案件 45 件，涉知识产权公益诉讼案件 22 件。江苏公安部门组织“昆仑 2022”等行动，成功侦办了一批涉及民生重特大侵权假冒案件，得到了公安部贺电表扬、省有关领导批示肯定和权利人致信感谢，全年查处案件 1749 起，抓获犯罪嫌疑人 2856 人。

（四）加强知识产权区域协作保护。

省知识产权和商标战略实施工作领导小组办公室和沪、浙、皖等地知识产权协调议事机构共同召开长三角地区知识产权更高质量一体化发展论坛，发布知识产权发展和保护状况，共同签署了《长三角地区知识产权更高质量一体化发展框架协议书 2.0》和《长三角地区数据知识产权保护合作协议》。

（五）完善知识产权保护载体建设。

“1+13+N”知识产权快速协同保护体系建设取得新进展。2022 年，江苏省和无锡、泰州市知识产权保护中心通过国家知识产权局验收并投入运行，邳州知识产权快速维权中心获批建设。知识产权管理部门与法院系统建立知识产权纠纷诉调对接和行政调解协议司法确认机制，开展知识产权纠纷诉前诉中调解、在线调解。知识产权保护中心累计备案企业 28521 家，通过预审发明专利平均审查周期由 22 个月缩短至 6 个月，提供咨询服务 1043 次，受理维权援助申请 72 件，调解知识产权纠纷 382 件。

四、知识产权运用

（一）高水平实施专利转化计划。

坚持高标准推动专利转化计划项目实施，着力加强项目追踪指导、监测评估，确保取得实效。支持江苏理工学院、淮阴工学院、金陵科技学院、盐城工学院、中国科学院苏州纳米技术与纳米仿生研究所等 5 所高校，以及南京江宁高新技术产业园区、江阴高新技术产业园区、金坛经济开发区、昆山经济技术开发区、泰州医药高新技术产业开发区等 5 个产业园区设立知识产权产业运营中心，建立机制，凝练经验。江苏在国家 2022 年专利转化专项计划实施成效评估中位居前列。

制定专利开放许可工作方案，试点开展专利开放许可。全年累计发布 643 件专利对外开放信息，81 项专利达成免费许可，41 项达成收费许可，许可金额近 400 万元。

（二）高效益推进知识产权金融创新。

拓展知识产权价值实现渠道，不断完善政策体系，省知识产权局与省财政厅共同建立知识产权质押融资风险补偿机制，充分调动银行业等金融机构积极性。扎实推进知识产权质押登记线上化试点，省知识产权局与银保监局合作，确定试点银行，建设江苏省知识产权质押融资登记平台，实现知识产权质押融资登记工作便利化。积极开展知识产权质押融资“入园惠企”行动，各设区市与所在地中国银行、建设银行等银行、金融机构合作，深入开展银企对接活动，积极探索疫情防控背景下银企对接新模式。2022 年全省知识产权质押融资金额近 500 亿元，服务企业 4000 家。南京、苏州等市全面推行证券化试点，无锡、南京、宿迁先后发行三批知识产权证券化产品。

（三）推动优秀版权作品产业转化。

省委宣传部、省版权局、省文化和旅游厅、省文物局联合开展第三届优秀版权作品产业转化重点培育项目遴选推荐，29 个项目入选重点培育项目。加大江苏国家版权贸易基地建设力度，基地版权实现贸易总额 18.7 亿元。

（四）持续推进专利导航评议。

省工信、科技、知识产权等部门围绕江苏省先进制造业集群建设，选取晶硅等 20 个重点细分技术领域，开展专利导航研究服务。组织召开重点产业专利导航成果发布会 12 场，推广专利导航分析成果和产业专题数据库，惠及企业 500 余家。省知识产权保护中心围绕重点产业链 20 个方向开展专利导航分析，制定印发《江苏省专利导航服务基地管理办法（试行）》，引导 12 家机构申请备案专利导航服务基地。省知识产权保护中心、江苏大学获批国家级专利导航工程支撑服务机构。完成江苏省科技成果转化专项资金申报项目等 3 项知识产权评议服务，为政府部门和创新主体提供各类统计服务 400 余次。

（五）继续推进产业联盟建设。

指导知识产权联盟建设，2022 年新增备案智慧农牧装备产业知识产权联盟、长三角海工装备与高技术船舶产业知识产权联盟、无锡市物联网产业知识产权联盟、泰州医药高新区（高港区）大健康产业知识产权联盟、徐州市新能源乘用车知识产权联盟、徐州市水安全保障产业知识产权联盟、江苏工程机械产业知识产权联盟、长三角第三代半导体产业知识产权联盟、南京市区块链产业知识产权联盟等 9 家知识产权联盟，全省备案联盟达 26 家。

五、企业知识产权工作

（一）彰显知识产权培育示范效应。

制定出台《高价值专利培育工作规范》地方标准。2022年度立项支持省级高价值专利培育新建项目19个、升级项目12个，涉及生物医药、高端装备等12个先进制造业集群。2022年江苏省在第二十三届中国专利奖评选中获专利金奖4项、外观设计金奖2项，占金奖总数的15%，同时蝉联最佳组织奖。截至2022年底，省级高价值专利培育示范中心达99个，累计产出发明专利申请10000余件、授权6200余件，PCT专利申请1200余件，参与或制定标准350件，10项成果荣获中国专利金奖，示范效应明显。稳步推进企业贯标，2022年，以高新技术企业、科技型中小企业为重点，引导4524家企业参与贯标，300余家企业通过贯标绩效评价，全省参与贯标企业超过2.9万家。遴选2家优秀企业参与国家创新管理国际标准的贯标试点，为标准推广探索经验。加快优势、示范企业培育，组织企业参加国家知识产权优势、示范企业测评和复核，2022年全省新增国家优势企业100家、示范企业46家，优势、示范企业总数达720家。加大中小企业扶持力度，推荐优秀中小企业参加首届WIPO全球奖评选，其中3家企业进入全球二十强，苏州瑞派宁成为全球5家获奖企业之一。

（二）突出企业知识产权转化运用的主体地位。

省科技、知识产权等部门实施新一轮创新型领军企业培育行动，遴选160家创新能力突出、先发优势显著的优秀企业入库培育，入库企业平均研发强度达4.22%。实施科技型中小企业研发“春风行动”，全年入库国家科技型中小企业数量超过8.7万家。全省近90%的研发投入由企业完成，80%的科技平台和高层次创新创业人才集聚在企业，70%的有效发明专利由企业创造。产才对接精准高效，2022年，推动中创新航科技股份有限公司、中汽创智科技有限公司、江苏中天科技股份有限公司、中国科学院苏州生物医学工程技术研究所、江苏恩华药业股份有限公司、正大天晴药业集团股份有限公司、江苏第三代半导体研究院有限公司、中国电子科技集团公司第五十八研究所、通富微电子股份有限公司、华灿光电（苏州）有限公司、江苏恒力化纤股份有限公司等11家创新主体参与产才对接，截至2022年底参与产才对接项目的创新主体总数达21家。国家知识产权局专利局专利审查协作江苏中心建立产才对接服务台账，为紫金山实验室、姑苏实验室、省产业技术研究院等提供高价值专利培育布局、专利集中审查等服务，江苏省重点产业领域的1000家创新主体，被审协江苏中心列为专利集中审查（批量审查）重点服务对象。

（三）扎实推进地理标志产业发展。

江苏顺利通过首批国家地理标志专用标志使用核准改革试点验收考核，获评优秀等次，并获批持续深化改革试点工作。构建地理标志专用标志申请审核新机制、打造地理标志品牌保护新模式、探索地理标志维权保护新路径等3项试点经验作为典型经验在全国推广。江苏省立项支持洞庭（山）碧螺春茶、阳山水蜜桃等8个地理标志项目，指导各项目结合当地资源禀赋开展特色

培育工作。组织镇江香醋等地理标志产品参加杨凌农高会、“双品网购节”等活动。开展“我最喜爱的江苏地理标志”公益调查活动，在扬子晚报、学习强国、抖音等多个平台宣传报道，114万人次参与投票。强化科技支撑，省农业科学院在阳湖水蜜桃、横溪西瓜产地布局建设“地理标志+亚夫科技服务”工作站，派驻科技特派员到田间地头开展服务，助力地理标志产品品质提升和品牌打造。镇江香醋、兴化香葱获批建设国家地理标志产品保护示范区。

（四）逐步深化商标品牌培育。

探索设立省商标品牌培育和保护项目，立项支持小天鹅、恒立液压等20个工业品牌项目，引导企业完善商标品牌培育机制，打造具有较高知名度、美誉度和影响力的商标品牌。在省级项目带动下，苏州等地设立了本地区商标品牌培育计划，形成省市衔接、联动培育格局。探索区域品牌培育机制，南京、泰州、盐城等地培育“茉莉六合”“横溪味道”“泰有品”“盐之有味”等区域品牌，初步形成省、市、县（市、区）区域品牌“矩阵”。积极推动产业集群品牌建设，支持南通探索建设“南通家纺”产业集群品牌培育基地，取得初步进展。

六、知识产权服务

（一）提供便捷高效知识产权公共服务。

省知识产权等部门及时出台知识产权“助企纾困解难15条”工作举措。加快知识产权服务数字化转型，建成上线省知识产权大数据平台。新认定23家国家和省级知识产权信息公共服务网点，构建覆盖全省的知识产权信息公共服务网络。深入推进知识产权领域“放管服”改革，着力优化知识产权公共服务。加强全省知识产权业务窗口建设，充分发挥专利商标业务窗口功能，推动窗口创建商标品牌指导站。推进公共服务标准化，编制知识产权公共服务事项清单（第一版）以及办事指南和服务指引，发布知识产权公共服务产品目录。推动各地建设知识产权工作站，重点面向中小企业提供“一站式”服务，全省知识产权工作站达144家。组织开展首批知识产权信息公共服务网点评价和成果宣传，南京农业大学、苏州大学知识产权信息案例入选国家知识产权局知识产权信息服务典型案例。

（二）推进知识产权服务监管。

扎实做好知识产权代理行业日常监管工作，健全以“双随机·一公开”监管为基本手段、以重点监管为补充、以信用监管为基础的新型监管机制，持续提升监管效能，按照监管事项内容，确定了226家专利商标代理机构名单。省知识产权局、省司法厅、省网信办确定了部门联合监管事项，实现跨部门监管。推进知识产权代理信用评价监管，落实《专利代理信用评价管理办法（试行）》，按照《国家知识产权局办公室关于开展专利代理信用评价管理试点工作的通知》要求，完成相关信用信息采集，建设专利代理机构检索评价系统。做好代理师执业审批备案，按照2个工作日内

办结的时间要求,认真做好专利代理师执业备案、注销等工作,好评率100%。全省专利代理机构完成年报报送工作,报送率达100%。加强相关数据的统计分析,研判专利代理机构发展动态,为推动代理机构高质量发展提供支撑。

(三) 严厉打击知识产权违法违规代理。

持续深化知识产权代理行业“蓝天”专项整治行动,落实国家知识产权局工作要求,制定江苏实施方案,持续将代理非正常专利申请、恶意商标申请、无资质专利代理、伪造变造公文、以不正当手段招揽业务等5类违法代理行为作为重点整治内容。开展非正常专利代理行为整治,对全省168家涉及不以保护创新为目的的专利申请代理行为的专利代理机构进行行政约谈和行政指导,对其中52家重复提交或者多次提交非正常专利申请的专利代理机构进行逐一约谈,要求限期整改。统一执法标准,合理划分地方知识产权服务业务主管部门与综合型执法部门相关职责边界。做好专利商标代理案件查处,组织对14件国家知识产权局转送或者群众举报案件进行核查,立案14起。

七、知识产权宣传与人才培养

(一) 凸显宣传品牌效应。

推广以知识产权宣传周为主的宣传品牌,2022年,江苏作为东部地区代表承办了全国知识产权宣传周分会场活动,副省长胡广杰与会并讲话。“4.26”世界知识产权日期间,省委新闻网、省政府网站、强国学习平台、江苏卫视等20多家省级以上媒体在重要版面、重点栏目、显著位置先后刊播知识产权系列报道近百篇(条)。省知识产权局、省教育厅、团省委共同将“知识产权青年说”拓展为综合赛事,60多所高校近4000名师生参与知识竞赛、演讲比赛、创意视频比赛等活动。组建“知识产权青年行”志愿者队伍,在全省开展校园行、社区行、采风行、企业行等活动169场。制作《江苏知识产权行而不辍智赢未来》宣传片、《江苏知识产权这十年》长图文、《知识产权十年潮涌 为自主创新注入澎湃力量》等系列作品。

(二) 高效推进人才培养。

编制发布和组织实施省“十四五”知识产权人才发展规划,召开全省知识产权人才工作会议,统筹部署知识产权人才工作。加强与世界知识产权组织合作,建设江苏国际知识产权学院。发挥江苏科教资源优势,支持南京工业大学、江苏大学知识产权学院开展知识产权专业本科、研究生人才培养。省法院专门出台《关于进一步加强知识产权审判队伍建设的通知》,就加强知识产权审判队伍的革命化、正规化、专业化、职业化、国际化建设提出具体举措。全省分类推进知识产权行政执法、行政管理、企业高管、企业知识产权管理人员、执业专利代理师、专利代理师资格考试等各类实务培训,组织23期专项和远程培训,共培训人员5万余人次,不断提升知识产权人才专业能力。

八、知识产权国际交流合作

(一) 持续打造国际合作平台。

省商务厅、省知识产权局、省贸促会共同举办国际知识产权应用暨项目合作大会,全面宣传我省严格的知识产权保护环境。省知识产权局积极参与世界知识产权组织中国办事处举办的“解读2022年全球创新指数”圆桌会议,与全球政、商、学、企各界代表共同探讨创新驱动增长对中国和世界的影响并分享了江苏知识产权全链条保护的的做法和经验。各地积极开展涉外知识产权交流合作,举办三江论坛、苏州国际精英创业周知识产权论坛、新加坡IP Week苏州工业园区中文主题论坛、中以知识产权创新合作与保护研讨会等国际知识产权交流活动。

(二) 积极助力涉外知识产权保护。

省商务厅与省司法厅共同推动江苏驻德国、越南、新加坡等16个海外法律服务中心的规范化实体化运行,为走出去企业提供零距离、高质量的海外知识产权维权服务。编译知识产权保护中心专利快速预审问答英文版。开展有关国际知识产权规则研究,调研了解基层和企业应对知识产权国际规则的需求,指导企业运用“海牙协定”“PCT”“马德里协定”“RCEP”等规则,加强海外知识产权保护。编写《江苏企业在美2021年知识产权纠纷调查报告》,根据江苏产业特色、企业特点进行分析研判,为企业防范海外知识产权风险提供参考。助力海外维权援助,针对美国对我国企业频发的“337调查”,江苏省应对美国337调查公平贸易工作站配合国家行业协会,加大公平贸易涉企服务力度,指导涉案企业积极应对。国家海外知识产权纠纷应对指导中心江苏分中心追踪涉江苏企业的美国“337调查”案件3起,指导企业应对海外知识产权纠纷案件26件,在2021年度全国海外知识产权纠纷应对指导地方分中心工作考核中排名第二。江苏获批国家知识产权局生物医药产业海外知识产权纠纷应对指导试点项目。

White Paper of Development and Protection of Intellectual Property of Jiangsu in 2022 >>>>

The year 2022 turned out to be a critical year in the history of the Party and the state. It witnessed the success of the 20th National Congress of the CPC, on which an ambitious blueprint was drawn for advancing the rejuvenation of the Chinese nation on all fronts through a Chinese path to modernization, and a new, strategic planning was made for intellectual property (IP) work. Under the strong leadership of the CPC Jiangsu Provincial Committee and the Jiangsu Provincial People's Government, IP departments in Jiangsu kept upholding Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era and took studying, publicizing and implementing the guidelines of the 20th National Congress of the CPC as paramount, conscientiously implemented the overall plans made by the Party Central Committee and the State Council as well as the CPC Jiangsu Provincial Committee and the Jiangsu Provincial People's Government to respond to Covid-19 and pursue economic and social development in a well-coordinated way, acted on the guiding principles of the Opinions on Strengthening the Protection of Intellectual Property Rights, the 15-year Plan (2021-2035) on the Development of Intellectual Property Rights (IPR) Power and the National Plan for Protection and Utilization of Intellectual Property Rights During the "14th Five-Year Plan" Period jointly issued by the General Office of the CPC Central Committee and General Office of the State Council together with the Opinions on Strengthening the Protection of Intellectual Property Rights issued by General Office of the CPC Jiangsu Provincial Committee and the General Office of the Jiangsu Provincial People's Government, pressed ahead with the task of developing Jiangsu into a powerful province in IPR by building "five zones" (namely, a pilot zone for the construction of an IPR power, a model zone for IP protection along industry chains, a demonstration zone for IP-driven high-quality industrial development, a benchmark zone for open IP cooperation, and a trial zone for the training of excellent IP talent) and promoting "five highs" (namely, the high-quality creation, high-standard protection, high-efficiency utilization, high-quality service, and high-level cooperation in IP), and continued to lead the country in comprehensive IP strength. These achievements bode well for Jiangsu's journey toward its goal for high-quality development. Jiangsu was rated "Excellence" again in the central government-led inspection and assessment of local IP protection performance in 2021; made remarkable achievements in IP creation, utilization, protection, management and service in 2021, which

was incentivized and praised by the State Council; scored 83.62 in the survey on social satisfaction of IPR protection in 2021, ranking first among all provinces throughout the country; and won six gold awards and a total of 132 awards at the 23rd WIPO-CNIPA Award for Chinese Outstanding Patented Invention Industrial Design, hitting a record high.

● I. Developing Jiangsu into a Powerful Province in IPR

1. A New Phase in Developing Jiangsu into a Powerful Province in IPR

The Regulations of Jiangsu Province on Intellectual Property Promotion and Protection, the first provincial law of China on IP promotion and protection, was released for enforcement. Jiangsu Provincial People's Congress amended the Regulations of Jiangsu Province on the Protection and Promotion of Investments by Hongkong and Macau Investors, adding provisions regarding IP creation, utilization, protection, management and services. The CPC Jiangsu Provincial Committee and the Jiangsu Provincial People's Government promulgated the 15-year Plan (2021-2035) for Developing Jiangsu into a Leading Province in Intellectual Property, which further defines the objectives, tasks and initiatives for the province's IP work in the new phase of the new era. Jiangsu Provincial People's Government introduced the Procedures of Jiangsu Provinces for Patent Award Selection to enhance the influence of Jiangsu Patent Award. The Office of the Leading Group for the Implementation of Jiangsu Intellectual Property and Trademark Strategy issued the Division of Key Tasks of the 15-year Plan (2021-2035) for Developing Jiangsu into a Leading Province in Intellectual Property and the Key Objectives and Division of Key Tasks of the Plan of Jiangsu Province for Intellectual Property Development During the "14th Five-Year Plan" Period to define the overall objectives, break the objectives into key tasks and identify the subjects of responsibility, and draw up the annual work plans for the implementation of the 15-year Plan and the 14th Five-Year Plan to advance the IP work across the province in a coordinated manner.

Jiangsu continued to deepen reform and stimulate innovation in IP. In 2022, it undertook five new pilot tasks of stimulating innovation in IP, including the pilot credit evaluation management of patent agencies by the China National Intellectual Property Administration

(CNIPA), rapid handling of IP disputes, online processing of IP pledge registration, open patent licensing, and data IP. Three pilot programs were rated "Excellence" in government-lead acceptance, including the pilot program for administrative adjudication of patent infringement disputes, the pilot program for credit-based hierarchical and classified IP supervision, and the pilot program for reform in approval of the use of GI product tags. And 13 innovative initiatives, such as the construction of IPR protection demonstration zones, were promoted nationwide.

2. New breakthroughs in IP work achieved in prefecture-level cities

All 13 prefecture-level cities in Jiangsu Province issued their respective local plans for IP development during the "14th Five-Year Plan" Period, indicating that the IP policies were further improved. 19 cities and localities including Nanjing were approved as model cities, counties and industrial parks in the new round of efforts in developing China into an IP power, and 7 prefecture-level cities were commended by the CNIPA for their excellent performance in IPR protection via administrative procedures.

Nanjing signed the Special Cooperation Agreement on IP Financial Innovation with Shenzhen Stock Exchange, becoming the first city in China to contract with a stock exchange. Wuxi Intellectual Property Rights Protection Center passed the CNIPA-lead acceptance and was put into trial operation, and witnessed the first insurance against loss associated with infringement of integrated circuit layout design in China. Xuzhou established a pioneering mechanism for reverse transfer of IP cases, introduced the local standard Specification for Patent Pre-application Evaluation, and organized the "Xinzhili Cup" Venture Loan Innovation Competition. Changzhou launched the campaign of strengthening industry chains through patents, organized more than 30 enterprises to carry out patent navigation around key technology R&D projects, and held the "Smart City - City-wide League for Patent Search". Suzhou formulated the "Outline for the Construction of a Strong Intellectual Property City (2021-2035)" and the "Three-Year Action Plan for Promoting High-Quality Development of Intellectual Property, Testing and Certification (2023-2025)", and created the Intellectual Property Financial Innovation Laboratory by leveraging the synergy of "government + platform + financial institutions". Nantong upgraded the Zhi Lian Qiao overseas IP service platform, set up 34 overseas IP service centers, and the launched the pioneering "Compass" risk warning initiative. Lianyungang built an IP big data platform, which is an one-stop solution to the problem of IP data resources. Huai'an issued the Work Plan for Building a Pilot Strong Intellectual Property City (2022-2025), and set up a Mediator Allocation Center for Intellectual Property Disputes and a Mediation Office for Intellectual Property Disputes. Yancheng optimized the working mechanism of administrative

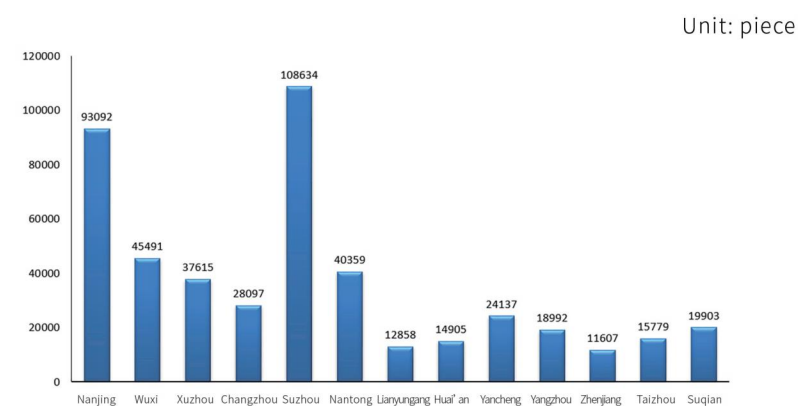
adjudication of patent infringement disputes, giving full play to the advantages of administrative adjudication such as active, convenient and efficient investigation to resolve patent infringement disputes efficiently, and carried out the selection of Patent Awards 2021 granted by the Yancheng Municipal People's Government. Zhenjiang unveiled the Implementation Plan for Pilot Open Patent Licensing, formulated the List of Key Protected Trademarks and the Memorandum on Collaborative Protection of Intellectual Property to improve IP protection. Taizhou launched the IP service campaign themed "on-demand service & improvement" to effectively protect enterprises' innovation productions, built the "1+4" IP service platform, made a planning for the construction of a patent navigation service base, an industrial IP operation center, an industrial IP protection union, an IP workstation (trademark brand guidance station), etc. Suqian took the lead in launching the city's IP public service brand "SUZHIDAO", providing market entities with fast, convenient and efficient IP public services, and carried out special IPR protection campaigns such as "Chinese City of Liquor" liquor market order rectification, regulation of improperly opened liquor packages, etc.

II. Main IP Creation Indicators

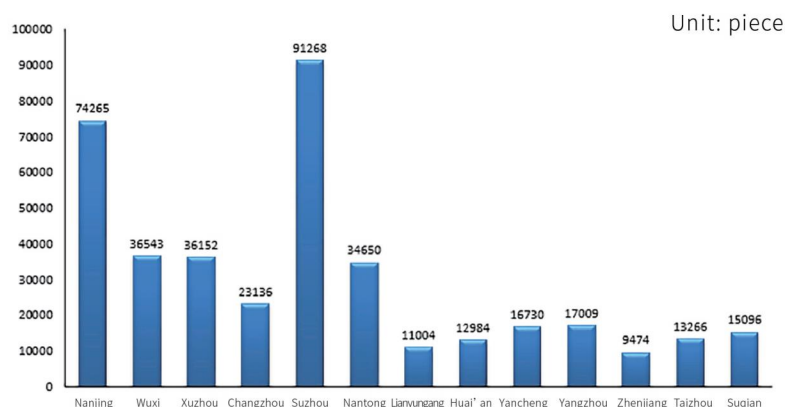
1. Trademark application and registration:

In 2022, Jiangsu recorded 480,272 trademark applications, down 17.61% YoY, and 398,631 trademark registrations, down 22.95% YoY. As of late 2022, Jiangsu recorded 2,685,045 valid trademark registrations, increasing by 287,670 and representing a growth of 12.00% over the previous year.

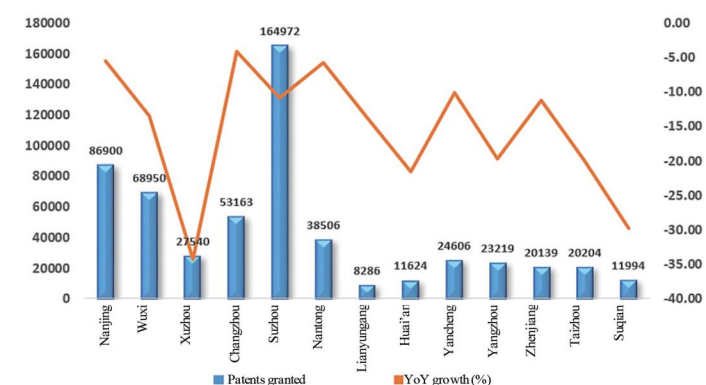
Number of Trademark Applications by Region in Jiangsu in 2022



Number of Trademark Registrations by Region in Jiangsu in 2022



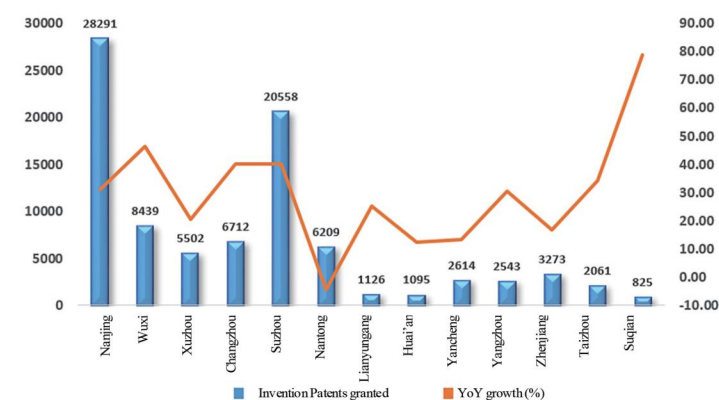
Number of Granted Patents by Region in Jiangsu in 2022



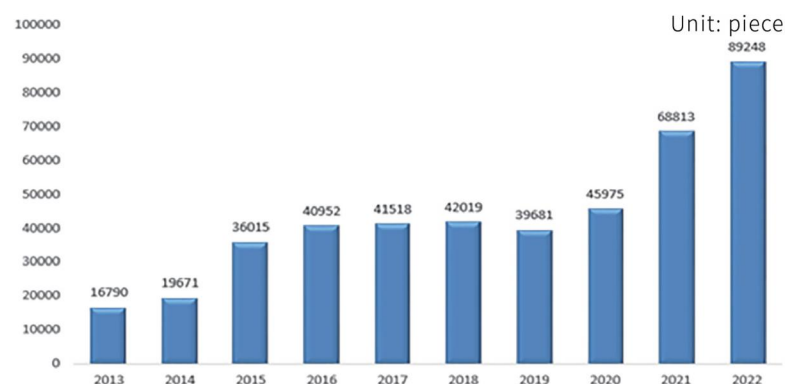
2. Patent granting and ownership:

Patent granting: The number of granted patents in 2022 stood at 560,127, up 12.61% YoY. In terms of patent type, invention patents granted numbered 89,248, up 29.70% YoY. The number is 10.98% higher than the national average, accounting for 15.93% of the total patents granted, up 5.19% YoY. The number of utility model patents granted hit 427,156, down 17.21% YoY, accounting for 76.26% of the total, down 4.24 YoY. The number of design patents granted reached 43,723, down 22.16% YoY, accounting for 7.81% of the total, down 0.95% YoY. Up to 87.01% of all patent applications submitted by enterprises were approved, up 1.73% over 2021. The structure was further improved.

Number of Granted Invention Patents by Region in Jiangsu in 2022

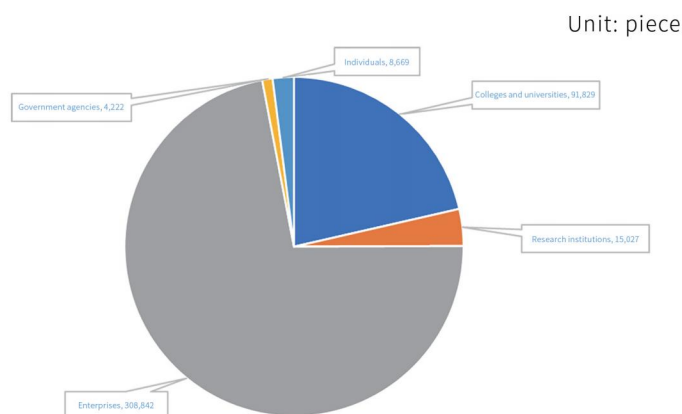


Number of Invention Patents Granted in Jiangsu by Year from 2013 to 2022



Number of valid invention patents: As of the end of 2022, Jiangsu recorded 428,589 valid invention patents, including 91,829 (21.43%) owned by colleges and universities, 15,027 (3.51%) by research institutions, 308,842 (72.06%) by enterprises, 4,222 (0.99%) by government agencies and organizations, and 8,669 (2.02%) by individuals. The number of invention patents per 10,000 people reached 50.39 in Jiangsu, ranking first among all Chinese provinces for seven consecutive years, including 18.15 high-value invention patents, which is 1.9 times the national level.

Number of Valid Invention Patents by Owners in Jiangsu as of Late 2022



Yancheng	671.30	14222	21.19	1336	144	12226	113	403
Yangzhou	457.70	12270	26.81	2509	292	9131	39	299
Zhenjiang	321.72	18735	58.23	7498	218	10570	135	314
Taizhou	452.18	12705	28.10	226	25	11487	104	863
Suqian	499.90	3335	6.67	42	40	3091	16	146
*Others	/	57	/	1	0	53	1	2
Southern Suzhou	3831.75	311309	81.24	77278	13621	213150	2454	4806
Central Suzhou	1683.18	62938	37.39	5290	718	53702	1061	2167
Northern Suzhou	2990.47	54361	18.18	9260	688	42013	706	1694
Entire province	8505.40	428589	50.39	91829	15027	308842	4222	8669

Number of Invention Patents per 10,000 People by Region in Jiangsu as of late December 2022

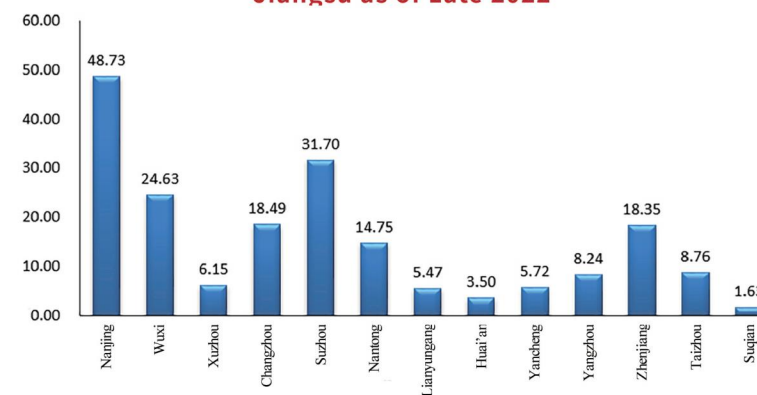
Unit: piece

Region	Total Population (Unit: 10,000)	Number of valid invention patents	Number of Invention Patents per 10,000 People	Patent Owner				
				Colleges and universities	Research institutions	Enterprises	Government agencies	Individuals
Nanjing	942.34	113788	120.75	50302	7610	53040	972	1864
Wuxi	747.95	44737	59.81	7760	2269	33171	738	799
Xuzhou	902.85	25562	28.31	6165	45	18586	114	652
Changzhou	534.96	29554	55.25	5785	905	22014	324	526
Suzhou	1284.78	104495	81.33	5933	2619	94355	285	1303
Nantong	773.30	37963	49.09	2555	401	33084	918	1005
Lianyungang	460.20	5815	12.64	394	308	4711	92	310
Huai'an	456.22	5427	11.90	1323	151	3399	371	183

Note: 1. Source of total population data: Jiangsu Statistical Yearbook 2022

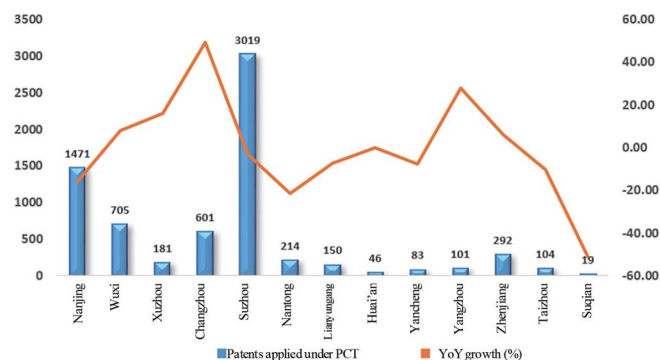
2. * refers to CNIPA data that cannot be classified.

Number of High-value Invention Patents per 10,000 People by Region in Jiangsu as of Late 2022



Number of patent applications under the PCT: In 2022, Jiangsu recorded 6,986 patent applications under the PCT.

Number of Patent Applications under the PCT by Region in Jiangsu in 2022



3. Geographical indications registration: With the registration of 33 new GIs in 2022, Jiangsu registered a total of 411 GIs and 91 products with valid GI tags as of late December 2022.

Number of GIs of Prefecture-Level Cities in Jiangsu as of Late 2022

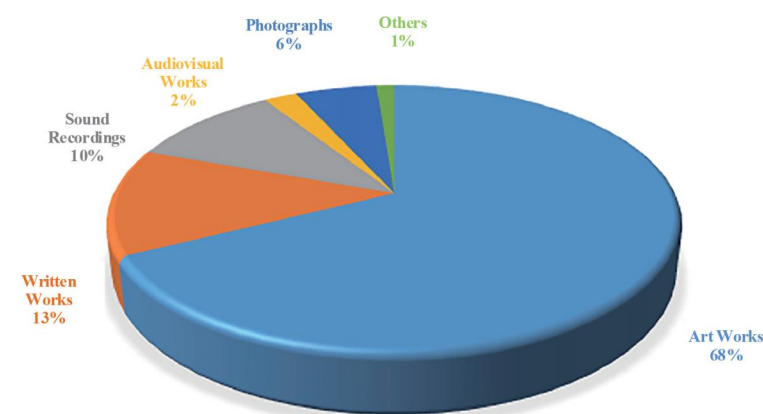
Unit: piece

Region	GI	GI Product	Total	Ranking
Nanjing	23	4	27	6
Wuxi	15	9	24	8
Xuzhou	17	6	23	10
Changzhou	15	2	17	12
Suzhou	20	17	37	5

Nantong	32	13	45	3
Lianyungang	13	12	25	7
Huai'an	128	2	130	1
Yancheng	62	10	72	2
Yangzhou	40	5	45	3
Zhenjiang	12	3	15	13
Taizhou	18	6	24	8
Suqian	16	2	18	11
Entire province	411	91	502	/

4. Copyright registration and contract recordation: In 2022, Jiangsu registered 334,896 works (down 9.92% YoY), including art works (67.54%), written works (13%), sound recordings (10.42%), audiovisual works (2.26%), photographs (5.56%), and other types of works (1.22%), such as oral works (works expressed in the form of spoken language), videotapes, design drawings. In 2022, Jiangsu registered 1,400 copyright contracts, including 535 ones for the introduction of copyrighted books.

2022 Number of Registrations of Copyrighted Works



5. Plant variety rights application and granting: As of late 2022, Jiangsu recorded a total of 381 applications for rights to new varieties of agricultural plants, 225 of which were approved. Patents were granted to 42 new varieties of forest plants in 2022, adding the two to 261.

6. Registration of layout designs of integrated circuits: As of late 2022 Jiangsu registered 9,141 layout designs of integrated circuits.

Number of Registrations of Layout Designs of Integrated Circuits in Jiangsu as of Late 2022

Unit: piece

Prefecture-level City	Number of Registrations of Layout Designs of Integrated Circuits as of Late 2022
Nanjing	3100
Wuxi	2256
Xuzhou	157
Changzhou	352
Suzhou	2305
Nantong	433
Lianyungang	189
Huai' an	56
Yancheng	102
Yangzhou	84
Zhenjiang	62
Taizhou	31
Suqian	13
Entire province	9141

III. IPR Protection

1. Clear policies on strict IPR protection and environment improvement

Jiangsu promulgated the Regulations of Jiangsu Province on Intellectual Property Promotion and Protection, symbolizing a new breakthrough in comprehensive legislation. The studies on the GI legislations and the rules of data IPR protection have made progress in the phrasal sense. Jiangsu conducted the evaluation of the IP business environment in 2021 and a survey on social satisfaction with IPR protection. Jiangsu Provincial Office on Further Optimizing the Business Environment introduced a special issue on intellectual property of April 26 Jiangsu Business Environment Updates. Jiangsu's experience and practices in rapid and collaborative IPR protection were included in the 100 Q&As on Optimizing Business Environment released by National Development and Reform Commission of the PRC. Jiangsu pushed with the construction of provincial-level IPR protection demonstration zones and genuine goods demonstration commercial blocks (industries), recommended Nanjing and Suzhou to apply for the construction of the first state-level IPR protection demonstration zones, and organized four physical markets to pass the renewal review of national-level IPR protection regulated markets.

2. Enhanced deterrent effect of administrative law enforcement

Jiangsu continued to ramp up administrative law enforcement, which has effectively deterred IPR infringements. Jiangsu Provincial Administration for Market Regulation carried out "Iron Fist" Special Campaign of Internet-related Infringement and Counterfeiting Control, investigating and handling 3,258 cases of IPR violation and confiscating RMB 69,781,600; the Jiangsu Provincial Copyright Administration organized the "Jianwang 2022" special law enforcement campaign, investigating and handling 584 infringement and piracy cases, involving an amount of more than RMB 200 million; Jiangsu Provincial Forestry Bureau included the crackdown on the production and sale of fake and inferior forestry seedlings and infringement of IPRs to new plant variety as its routine work, investigating and handling 41 cases of forestry seedlings and forfeiting RMB 783,100; Nanjing Customs carried out "Longteng", "Lanwang" and "Jingwang" special campaigns, detaining 3,525 batches of infringing goods, involving 621,200 pieces of goods.

3. Strengthened judicial protection of intellectual property.

Jiangsu High People's Court optimized the jurisdictional layout of IPR trials, actively implemented the construction project of high-level IPR trial institutions, built a trial system with

specialization of case trials, centralization of jurisdiction and intensification of procedures, and established additional Wuxi and Xuzhou IPR courts. At present, there are 4 intellectual property courts and 50 grassroots intellectual property courts in Jiangsu Province. In 2022, courts across the province accepted 37,021 IP cases, with an annual growth of 22.01% over the past two years. In 2022, the procuratorates across the province handled a total of 778 IP cases, including 689 criminal cases, 22 cases for civil procedure supervision, 45 civil cases with evidence that supports prosecution, and 22 IP-related public interest litigation cases. The public security organs across Jiangsu across Jiangsu organized campaigns such as "Kunlun 2022", and successfully investigated a number of major infringement and counterfeiting cases involving people's livelihood, winning commendation from the Ministry of Public Security, recognition from leaders of relevant provincial governmental authorities, and appreciation from rights holders. They investigated 1,749 cases and arrested 2,856 suspects over the year.

4. Strengthened regional collaboration on IPR protection.

The Office of the Leading Group for the Implementation of Jiangsu Intellectual Property and Trademark Strategy and the organizations for coordinating IP-related efforts of Shanghai, Zhejiang, and Anhui jointly held the Forum on Higher Quality Integrated Development of Intellectual Property in Yangtze River Delta Region, released the status of intellectual property development and protection, and jointly signed the Framework Agreement on Higher Quality Integrated Development of Intellectual Property in Yangtze River Delta Region 2.0 and the Cooperation Agreement on Data Intellectual Property Protection in Yangtze River Delta Region.

5. Improve the construction of intellectual property protection carriers.

New progress was made in the construction of the "1+13+N" system for fast and coordinated IPR protection services. In 2022, the intellectual property protection centers in Jiangsu Province and Wuxi and Taizhou passed the acceptance of the CNIPA and were put into operation, and the Pizhou Intellectual Property Rapid Rights Protection Center was approved for construction. The intellectual property management department and the court system established a docking mechanism for intellectual property disputes and judicial confirmation of administrative mediation agreements, and carried out pre-litigation mediation and online mediation of intellectual property disputes. The Intellectual Property Protection Center has filed 28,521 enterprises, shortened the average examination period of invention patents from 22 months to 6 months, provided 1,043 consultation services, received 72 applications for assistance in the maintenance of intellectual property rights, and mediated 382 intellectual property disputes.

IV. IP Application

1. Implementing patent transformation plan at a high level.

Insist on high standard to promote the implementation of patent transformation plan projects, and focus on strengthening project tracking and guidance, monitoring and evaluation to ensure effective results. Support five universities, including Jiangsu Institute of Technology, Huaiyin Institute of Technology, Jinling Institute of Science and Technology, Yancheng Institute of Technology, Suzhou Institute of Nanotechnology and Nanobiont Research of Chinese Academy of Sciences, and five industrial parks, including Nanjing Jiangning High-tech Industrial Development Zone, Jiangyin High-tech Industrial Development Zone, Jintan Economic Development Zone, Kunshan Economic and Technological Development Zone and Taizhou Medical High-tech Development Zone, to set up intellectual property industrial operation centers. Establishing mechanisms and condensing experiences. Jiangsu ranked in the forefront of the national 2022 patent conversion special program implementation effectiveness assessment. Developed patent open licensing work plan and piloted patent open licensing. A total of 643 patents were released to the public, 81 patents were licensed for free, 41 were licensed for a fee, and the licensing amount was nearly RMB 4 million.

2. Promote financial innovation of intellectual property with high efficiency.

Expanding the channels for realizing the value of intellectual property, continuously improving the policy system, the Intellectual Property Office of Jiangsu Province (JSIPO) and the Provincial Department of Finance jointly established the risk compensation mechanism for intellectual property pledge financing, and fully mobilized the enthusiasm of banking and other financial institutions. The JSIPO cooperated with the Banking and Insurance Regulatory Bureau to identify pilot banks and build a registration platform for intellectual property pledge financing in Jiangsu Province, so as to facilitate the registration of intellectual property pledge financing. Each prefecture-level city cooperated with local banks and financial institutions, such as Bank of China and Bank of Construction, to carry out in-depth bank-enterprise docking activities and actively explore new modes of bank-enterprise docking in the context of epidemic prevention and control. In 2022, the province's intellectual property pledge financing amounted to nearly 50 billion yuan and served 4,000 enterprises. Nanjing, Suzhou and other cities fully implemented the securitization pilot, and

Wuxi, Nanjing and Suqian have issued three batches of intellectual property securitization products.

3. Promote the industrial transformation of outstanding copyright works.

The Provincial Propaganda Department, the Provincial Copyright Bureau, the Provincial Department of Culture and Tourism, and the Provincial Bureau of Cultural Heritage jointly carried out the selection and recommendation of key cultivation projects for the industrial transformation of outstanding copyright works, and 29 projects were selected as key cultivation projects. Increase the construction of Jiangsu National Copyright Trade Base, the total trade amount of the base copyright achieved 1.87 billion yuan.

4. Continuously promote the patent navigation review.

The provincial industry and information, science and technology, intellectual property and other departments around the construction of advanced manufacturing clusters in Jiangsu Province, selected 20 key technology segments, such as silicon, to carry out patent navigation research services. It organized 12 conferences on patent navigation results in key industries, promoted patent navigation analysis results and industry-specific databases, benefiting more than 500 enterprises. The Provincial Intellectual Property Protection Center carried out patent navigation analysis around 20 directions of key industrial chains, formulated and issued the Management Measures for Patent Navigation Service Bases in Jiangsu Province (for trial implementation), and guided 12 institutions to apply for filing patent navigation service bases. The provincial intellectual property protection center and Jiangsu University were approved as national patent navigation project support service institutions. Completed 3 IPR evaluation services such as the declaration project of special funds for transformation of scientific and technological achievements in Jiangsu Province, and provided various statistical services for government departments and innovation subjects more than 400 times.

5. Continue to promote the construction of industrial alliances.

Guided the construction of intellectual property alliances, and in 2022 added the record of intellectual property alliance of intelligent farming and animal husbandry equipment industry, intellectual property alliance of Yangtze River Delta offshore equipment and high-tech ship industry, intellectual property alliance of Internet of Things industry in Wuxi, intellectual property alliance of big health industry in Taizhou Medical High-tech Zone (Gaogang District), intellectual property alliance of new energy passenger cars in Xuzhou, intellectual property alliance of water safety and security industry in Xuzhou, intellectual

property alliance of Jiangsu Construction Machinery Industry Intellectual Property Alliance, Yangtze River Delta Third Generation Semiconductor Industry Intellectual Property Alliance, Nanjing Blockchain Industry Intellectual Property Alliance and other nine intellectual property alliances, and the province's record reached 26 alliances.

● V. Enterprises' IP Work

1. Increasingly prominent IP cultivation demonstration effects.

Develop and introduce the local standard of High Value Patent Cultivation Work Specification. In 2022, 19 new projects and 12 upgrade projects were established to support the cultivation of high-value patents at the provincial level, involving 12 advanced manufacturing clusters such as biomedicine and high-end equipment. In 2022, Jiangsu Province won 4 gold medals for patents and 2 gold medals for designs in the 23rd China Patent Award, accounting for 15% of the total number of gold medals, and also won the best organization award. By the end of 2022, the number of provincial high-value patent cultivation demonstration centers reached 99, with a cumulative output of more than 10,000 invention patent applications and 6,200 authorizations, more than 1,200 PCT patent applications, 350 standards participated or formulated, and 10 achievements won the China Patent Gold Award, with obvious demonstration effects. Steadily promote the standardization of enterprises, 2022, focusing on high-tech enterprises, science and technology-based small and medium-sized enterprises, guide 4,524 enterprises to participate in the standardization, more than 300 enterprises through the standardization performance evaluation, the province's participation in the standardization of more than 29,000 enterprises. Selected 2 outstanding enterprises to participate in the national innovation management international standard pilot, to explore experience for the promotion of standards. Accelerate the cultivation of advantageous and model enterprises, organize enterprises to participate in the national intellectual property advantageous and model enterprises assessment and review, and add 100 national advantageous enterprises and 46 model enterprises in 2022, bringing the total number of advantageous and model enterprises to 720. Strengthen the support for small and medium-sized enterprises, and recommend outstanding small and medium-sized enterprises to participate in the first WIPO Global Awards, of which three enterprises entered the top 20 globally, and Suzhou

Ripening became one of the five global award-winning enterprises.

2. Highlight the main position of enterprises in the transformation and application of intellectual property rights.

The provincial science and technology, intellectual property and other departments implemented a new round of innovative leading enterprises cultivation action, selected 160 outstanding enterprises with outstanding innovation ability and significant first-mover advantages to be cultivated, and the average R&D intensity of the enrolled enterprises reached 4.22%. The implementation of the "Spring Breeze Action" for R&D of science and technology-based SMEs, the number of national science and technology-based SMEs in the year exceeded 87,000. Nearly 90% of the province's R&D investment is made by enterprises, 80% of the science and technology platforms and high-level innovation and entrepreneurial talents are concentrated in enterprises, and 70% of effective invention patents are created by enterprises. Precise and efficient "industry-talent linkage": In 2022, Jiangsu supported 11 innovation-based entities to participate in the "industry-talent linkage" program, including CALB Group Co., Ltd., China Automotive Innovation Co., Ltd., Jiangsu Zhongtian Technology Co., td., Suzhou Institute of Biomedical Engineering and Technology of the Chinese Academy of Sciences, Jiangsu Nhwa Pharmaceutical Co., Ltd., Chia Tai Tianqing Pharmaceutical Group Co., Ltd., Jiangsu Institute of Advanced Semiconductors, the 58th Research Institute of China Electronics Technology Group Corporation, Tongfu Microelectronics Co., Ltd., HC Semitek (Suzhou) Co., Ltd. and Jiangsu Hengli Chemical Fiber. By late 2022, 22 innovation-based entities participated in the "industry-talent linkage" program. The Jiangsu Center for Patent Examination and Collaboration of the CNIPA has established a production-talent matching service ledger and provided services such as high-value patent cultivation layout and centralized patent examination for Zijinshan Laboratory, Gusu Laboratory and the Provincial Industrial Technology Research Institute, etc. The 1,000 innovative subjects in key industrial fields in Jiangsu Province have been listed by the Jiangsu Center for Patent Examination and Collaboration as key service targets for centralized patent examination (batch examination).

3. Solidly promote the development of geographical indications industry.

Jiangsu was rated "Excellence" in the acceptance and assessment of first pilot programs for reform in approval of the use of GI product tags, and obtained the permission to continue deepening the pilot reform. Three pilot experiences, such as building a new mechanism for reviewing the application of special geographical indications, creating

a new model of geographical indication brand protection, and exploring a new path of geographical indication rights protection, were promoted nationwide as typical experiences. Jiangsu set up projects to support 8 geographical indications projects such as Dongting (mountain) Biluochun tea and Yangshan peach, and guided each project to carry out characteristic cultivation work with local resource endowment. Jiangsu brought Zhenjiang balsamic vinegar and other GI products to the Yangling Agricultural Fair and the "Online Shopping Festival Based on Brand and Quality" and other activities. It carried out a public survey themed "My Favorite Geographical Indications in Jiangsu", which was covered by Yangtse Evening Post, xuexi.cn and Douyin, and 1.14 million people participated in voting. To strengthen scientific and technological support, the provincial Academy of Agricultural Sciences laid out and built "geographical indications + Yafu scientific and technological services" workstations in Yanghu peach and Hengxi watermelon production areas, and stationed scientific and technological commissioners to carry out services in the fields to help improve the quality of geographical indication products and brand building. Zhenjiang balsamic vinegar and Xinghua onion were approved to build national geographical indication product protection demonstration area.

4. Gradually deepen the cultivation of trademark brand.

Exploring the establishment of provincial trademark brand cultivation and protection projects, establishing projects to support 20 industrial brand projects such as Little Swan and Hengli Hydraulic, guiding enterprises to improve the trademark brand cultivation mechanism and create trademark brands with high visibility, reputation and influence. Driven by provincial projects, Suzhou and other places have set up their own trademark brand cultivation programs, forming provincial and municipal articulation and linkage cultivation patterns. Exploring regional brand cultivation mechanism, Nanjing, Taizhou, Yancheng and other places cultivate "MOLILIUHE", "HENGXIWEIDAO", "TAIYOU PIN", "YANZHIOUWEI" and other regional brands, the initial formation of the province, city, county (city, district) regional brand "matrix". Actively promote the brand building of industrial clusters, support Nantong to explore the construction of "Nantong home textiles" industry cluster brand cultivation base, and make initial progress.

VI. IP Services

1. Provide convenient and efficient public services of intellectual property rights.

Provincial intellectual property rights and other departments timely introduction of intellectual property "help enterprises to relieve difficulties 15" work initiatives. Accelerated the digital transformation of intellectual property services and completed the online provincial intellectual property big data platform. Newly recognized 23 national and provincial IP information public service outlets and built a province-wide IP information public service network. Deeply promote the reform of "management and service" in the field of intellectual property, and make efforts to optimize public services of intellectual property. Strengthen the construction of intellectual property business windows in the province, give full play to the functions of patent and trademark business windows, and promote the creation of trademark brand guidance stations at the windows. Promote the standardization of public services, compile a list of IP public services (first version) as well as office guides and service guidelines, and publish a catalog of IP public services. Promote the construction of IP workstations in various regions, focusing on providing "one-stop" services for SMEs, and reaching 144IP workstations in the province. Organized the evaluation of the first batch of IPR information public service outlets and publicized their achievements, and the IPR information cases of Nanjing Agricultural University and Soochow University were selected as typical cases of IPR information services by the CNIPA.

2. Promote the supervision of intellectual property services.

We did a solid job in the daily supervision of the IP agency industry, improved the new supervision mechanism based on "double random - one public" supervision as the basic means, supplemented by key supervision and credit supervision, and continued to improve the supervision efficiency, and determined the list of 226 patent and trademark agencies according to the content of the supervision matters. The JSIPO, the Provincial Department of Justice and the Provincial Internet Office have identified joint departmental supervision matters to achieve cross-sectoral supervision. Promote the supervision of credit evaluation of intellectual property agencies, implement the Patent Agency Credit Evaluation Management Measures (for Trial Implementation), complete the collection of relevant credit information and build a patent agency search and evaluation system in accordance with the requirements of the Notice of the Office of the CNIPA on the Pilot Work of Patent Agency Credit Evaluation Management. Do a good job of agent practice approval and filing,

in accordance with the time requirement of 2 working days to close, seriously do a good job of patent agent practice filing, cancellation and other work, the positive feedback rate of 100%. The province's patent agencies to complete the annual report submission work, the submission rate of 100%. Strengthen the statistical analysis of relevant data, study and judge the development dynamics of patent agencies, and provide support for promoting the high-quality development of agencies.

3. Crack down on illegal and unlawful IPR agents.

Continuously deepen the "blue sky" special rectification action of the IP agency industry, implement the requirements of the CNIPA, formulate the implementation plan for Jiangsu, and continue to focus on the rectification of five types of illegal agency behavior, including irregular patent applications, malicious trademark applications, unqualified patent agents, forged and altered official documents, and solicitation of business by improper means. Content. Carry out the rectification of abnormal patent agency behavior, conduct administrative interviews and administrative guidance for 168 patent agencies in the province involved in patent application agency behavior that does not aim at protecting innovation, and conduct interviews for 52 of them who repeatedly submitted or repeatedly submitted abnormal patent applications one by one, and require rectification by a deadline. Unify the enforcement standards and reasonably delineate the boundaries of responsibilities related to local IP service business authorities and comprehensive enforcement departments. We did a good job in investigating and handling patent and trademark agency cases, organized verification of 14 cases referred by the CNIPA or reported by the public, and filed 14 cases.

VII. IP Publicity and Talents Training

1. Remarkable brand publicity effect.

Jiangsu worked hard to promote publicity brands focusing on IP Publicity Week. In 2022, Jiangsu, representing the Eastern China, hosted the Parallel Session Campaign of National IP Publicity Week. The Vice Governor Hu Guangjie attended and delivered a speech in the campaign. During the activity of "April 26 World Intellectual Property Day" World Intellectual Property Day, more than 20 media at the provincial level or above, including the News of Jiangsu Provincial Committee of the Communist Party of China (<http://www.zgjssw>.

gov.cn/), Jiangsu Provincial People's Government (<http://en.jiangsu.gov.cn/>), js.xuexi.cn and JSTV (<https://live.jstv.com/>), have published nearly 100 reports on intellectual property in important sections, key columns and prominent positions. The JSIPO, the Jiangsu Education Department and NAU Jiangsu Committee jointly transformed the "IP · Youth Talks" into a comprehensive event, attracting nearly 4,000 teachers and students from more than 60 universities and colleges participating in knowledge competitions, speech contests and creative video contests. The "IP · Youth Action" volunteer team was set up, organizing 169 activities such as campus action, community action and enterprise action across the province. Jiangsu produced a series of works such as "Jiangsu IP: Embracing a Bright Future with Wisdom", "Jiangsu's Ten-Year Journey of IP Development" and "Ten-Year History of IP Development: Infusing Surging Power into Independent Innovation".

2. Efficient talent training

We prepared and released the provincial "14th Five-Year Plan" for the development of intellectual property talents, convened the provincial intellectual property talents work conference, and coordinated the deployment of intellectual property talents work. Strengthen cooperation with the World Intellectual Property Organization and build the Jiangsu International Intellectual Property Academy. Taking advantage of Jiangsu's scientific and educational resources, we supported Nanjing University of Technology and Jiangsu University's School of Intellectual Property to develop undergraduate and postgraduate talents in intellectual property. The provincial courts specifically issued the Notice on Further Strengthening the Construction of Intellectual Property Judicial Teams, proposing specific measures to strengthen the revolutionary, formalized, professional, vocational and internationalized construction of intellectual property judicial teams. The province has promoted various types of practical training such as administrative enforcement of intellectual property rights, administrative management, enterprise executives, enterprise intellectual property managers, licensed patent agents and patent agent qualification examinations, organized 23 special and distance training sessions, and trained a total of more than 50,000 people to continuously improve the professional capacity of intellectual property talents.


VIII. International IP Exchanges and Cooperation

1. International cooperation platform

The Department of Commerce of Jiangsu Province, the JSIPO and the CCPIT Jiangsu Sub-council held the International IP Application Project Cooperation Conference to demonstrate the favorable environment of Jiangsu province where IP is protected in strict accordance with law. The JSIPO actively participated in the Roundtable on the Interpretation of Global Innovation Index (GII) 2022 organized by the WIPO Office in China (WOC), discussing the impact of innovation-driven growth on China and the world and sharing the practices and experiences of Jiangsu in IPR protection along industry chains with representatives of governments, businesses, academia and enterprises from all parts of the world. All localities carried out frequent exchanges and cooperation in international IP, and held international IP exchange activities such as the Sanjiang Forum, IP Forum of the Venture Week for International Elites in Suzhou, Chinese Forum of Singapore IP Week in Suzhou Industrial Park, and China-Israel IP Innovation Cooperation and Protection Seminar.

2. IPR protection abroad

The Department of Commerce of Jiangsu Province and the Jiangsu Provincial Department of Justice have jointly promoted the standardized and substantive operation of Jiangsu's 16 overseas legal service centers in Germany, Vietnam, Singapore and other countries to provide zero-distance and high-quality services for going-global enterprises in their efforts to protect their intellectual property. Jiangsu compiled the English version of the Q&A on expedited patent preliminary examination by Intellectual Property Rights Protection Centers. Jiangsu conducted a research on international IP rules, investigated and explored the needs of grassroots governments and enterprises in dealing with international IP rules, and guided enterprises in leveraging the "Hague Agreement", "PCT", "Madrid Protocol", "RCEP" and other rules to gear up overseas IP protection. In addition, Jiangsu prepared the "Survey Report on U.S. Intellectual Property Disputes Involving Jiangsu-based Enterprises in 2021" for analysis and assessment according to the characteristics of Jiangsu industries and enterprises, which provides a reference for enterprises to guard against overseas IP risks. In response to the frequent U.S. Section 337 investigations initiated by the U.S. against Chinese enterprises, the Fair Trade Workstation of Jiangsu Province in Response to U.S. Section 337 Investigations cooperated with national industry associations to ratchet up efforts in providing fair trade services to enterprises and



guiding enterprises involved in the cases to actively deal with such investigations. Jiangsu Sub-center of National Overseas Intellectual Property Dispute Response Guidance Center tracked three cases of U.S. Section 337 investigations that involved Jiangsu enterprises and guided 26 enterprises to actively deal with overseas IP disputes, ranking second in the performance appraisal by National Overseas Intellectual Property Dispute Response Guidance Center. Jiangsu has obtained the permission to launch a pilot program for building a CNIPA overseas biomedicine-related IP disputes response guidance center.